

020262-EI  
020263-EI

# Appendix C-3 Output

DOCUMENT NUMBER-DATE

03358 MAR 22 88

FPSC-COMMISSION CLERK

00662

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EEEEEEEE	GGGGG	EEEEEEEE	AAAAA	SSSSSS
EEEEEEEE	GGGGGGG	EEEEEEEE	AAAAAAA	SSSSSSSS
EE	GG GG	EE	AA AA	SS
EEEEEEEE	GG	EEEEEEEE	AAAAAAA	SSSSSSS
EEEEEEEE	GG GGG	EEEEEEEE	AAAAAAA	SSSSSSS
EE	GG GG	EE	AA AA	SS
EEEEEEEE	GGGGGGG	EEEEEEEE	AA AA	SSSSSSSS
EEEEEEEE	GGGGG	EEEEEEEE	AA AA	SSSSSS

ELECTRIC GENERATION EXPANSION ANALYSIS SYSTEM

REPORT PROGRAM

\*\*  
 \*\* 2001 IRP EGEAS REPORT  
 \*\*  
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RPI 1529

ELECTRIC POWER RESEARCH INSTITUTE  
3412 HILL VIEW AVENUE  
PALO ALTO, CALIFORNIA 94304  
IRP01 EGEAS BASECASE

1ELECTRIC POWER RESEARCH INSTITUTE

2/11/ 2 19:55:56

EGEAS REPORT VERSION 7.32

CONTROL REPORT

PAGE 1

REPORT FILE OPTION 0 - STANDARD

FILE OPTIONS

SUBPERIOD REPORT 0 - NONE  
UNIT REPORT 1 - PROVIDED  
UNIT CAPITAL COST REPORT 1 - PROVIDED

REPORT OPTIONS

CONTROL 1 - GENERATE  
MIRROR IMAGE 1 - GENERATE  
ERROR 3 - ALL MESSAGES  
REPORT SELECTION 1 - GENERATE

INPUT FILES	NAME	VERSION	UPDATE	RUN	CREATION DATE	CREATION TIME	DESCRIPTION	EGEAS VERS.
EGEAS DATA BASE	FPL	0	0		2/11/ 2	16:57:43	IRP-2001 BASE CASE	732
EXPANSION PLAN	FPL	0	0	1	2/11/ 2	16:57:46	IRP-2001 RFP BASE CASE	732
UNIT REPORT	FPL	0	0	1	2/11/ 2	16:57:46	IRP-2001 RFP BASE CASE	732
UNIT CAPITAL COST REPORT	FPL	0	0	1	2/11/ 2	16:57:46	IRP-2001 RFP BASE CASE	732

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RECORD DESCRIPTION	REC. C	REF. TYPE	SEQ. NO.	DATA FIELDS								ASSIGNED REC. NO.
RECORD COLS				1	2	3	4	5	6	7	8	
	1	2345	678 90	1234567890123456789012345678901234567890123456789012							34567890	
** COMMENT **	*	**										1
	*	**	200 1	IRP EGEAS REPORT								2
	*	**										3
	*	**										4
	*	**										5
	*	**										6
	*	**										7
	*	**										8
	*	**										9
	*	**										10
	*	**										11
	*	**										12
	*	**										13
	*	**										14
	*	**										15
CONTROL RECORD	RCC		CO	NTROL RECORD								16
	*	**										17
** COMMENT **	*	**										18
	*	**										19
	*	**										20
	*	**										21
FILE IDENTIFICATION	RFF		IN	PUT FILES								22
	*	**										23
** COMMENT **	*	**										24
	*	**										25
	*	**										26
	*	**										27
	*	**										28
	*	**										29
PLAN SELECTION	RRA		PL	AN SELECTION								30
	*	**										31
** COMMENT **	*	**										32
	*	**										33

```

* -----
* RRB    TI    ME PERIODS
* -----
*          --YEARS-- -SG- -SW-
*          1ST LAST 1 L 1 L
*          ----  +---- -++ - +

```

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TIME PERIOD          RRB          2001 2030  112 1 3

```

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RECORD COLS          1          2          3          4          5          6          7          8
1 2345 678 90      12345678901234567890123456789012345678901234567890123456789012 34567890
ELECTRIC POWER RESEARCH INSTITUTE          IRP01 EGEAS BASECASE          2/11/ 2          19:55:56

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EGEAS REPORT VERSION 7.32          MIRROR IMAGE REPORT          PAGE 3
*****

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RECORD DESCRIPTION  REC. REF SEQ          DATA FIELDS          ASSIGNED
C TYPE NO. NO.
-----
RECORD COLS          1          2          3          4          5          6          7          8
1 2345 678 90      12345678901234567890123456789012345678901234567890123456789012 34567890

```

```

** COMMENT **
* -----
* RRC    RE    PORT SELECTION
* -----
          -PROD- MNT -STORAGE-- -FL EM- -ECON INT- -COST-
          S S S UOBRRSU OSPD -PJ- SU CSU STU CUT UCTCA
          Y U YAFNRLEEYN PWRS C 1 L YN AYN YIN OFF NOOOS
          S M SRLTDKLSST RKDP E 1 L ST PST SET PCT. TNTVT
          - + -+-----+ -++ -+--- +- +-+ -+-----+

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REPORT SELECTION    RRC          3 2 11112 11 1          0          1 1 1          311          49

```

```

** COMMENT **
. UNIT EM IS          SION REPORT OPTION IS TURNED ON          50
. RRC          3 2 11112 31 1          0          1 1          311          51
. RRC          3 2 1 112 31          0          1 1          311          52
. FULL OU TP          UT          53
. RRC          3 2 1 12 31          0          1 1          311          54
. FUEL AN D          RELIABILITY REPORTS          55
. RRC          3 2 111 31          11          56
. EMIS SIO N          REPORTS          57
. RRC          3 1 1 3          1          00666          58
. CAPA CIT IE          S AND RESERVE MARGIN REPORTS          59
. RRC          3 2 1 31 1          60
. CAPI TAL A          ND REVENUE REQUIREMENT REPORTS          61
. RRC          3 2          31          311          62

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. PROD UCT IO N REPORT FOR ALL SYSTEMS DEFINED 63
. RRC 5 111 1 64
. ANNU AL PR ODUCTION COSTS, RELIABILITY, EMISSIONS AND TOTAL COST REPORTS 65
. RRC 3 2 1 11 11 1 311 66
. ANNU AL SY STEM, RELIABILITY, TOTAL COST REPORTS 67
. RRC 3 2 1 1 68
. 69
* **** ** ***** END OF REPORT INPUT ***** 70

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RECORD COLS 1 2 3 4 5 6 7 8
1ELECTRIC POWER RESEARCH INSTITUTE 1234567890123456789012345678901234567890123456789012 34567890 2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 ERROR REPORT PAGE 4
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ASSIGNED REC. 1 2 3 4 5 6 7 8
REC. NO. COLS 1 2345 678 90 12345678901234567890123456789012345678901234567890123456789012 34567890
30 RRA 1 1 1 0 1 1
DEFAULT R1120 COLS. 26-26 (COST SCALE OPTION ) MISSING, USED DEFAULT VALUE OF 0
DEFAULT R1120 COLS. 28-28 (ENERGY SCALE OPTION ) MISSING, USED DEFAULT VALUE OF 0
DEFAULT R1120 COLS. 30-30 (MONTHLY OUTPUT OPT. ) MISSING, USED DEFAULT VALUE OF 0

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ASSIGNED REC. 1 2 3 4 5 6 7 8
REC. NO. COLS 1 2345 678 90 12345678901234567890123456789012345678901234567890123456789012 34567890
49 RRC 3 2 11112 11 1 0 1 1 1 311
--- WARNING R2130 COLS. 12-12 (SYS. DISPATCH OPTION) MUST BE 1 BECAUSE ECONOMY INTERCHANGE NOT MODELED
1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 DIAGNOSTIC SUMMARY PAGE 5
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*****  
*****  
**  
**  
**          DIAGNOSTIC SUMMARY          **  
**  
**  
**          TERMINAL ERRORS              0          **  
**          FATAL ERRORS                 0          **  
**          WARNING MESSAGES             1          **  
**          DEFAULTS                     3          **  
**  
**  
**          HIGHEST ERROR LEVEL FOUND IS WARNING  **  
**  
**  
**          REPORT PROGRAM INPUT SUCCEEDED  **  
**  
**  
**
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 EGEAS REPORT VERSION 7.32 SELECTED REPORTS PAGE 6  
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RRA EXPANSION PLAN DIRECTORY = 1 - YES

FIRST EXPANSION PLAN = 1 CAPACITY OPTION = 0 - RATED  
 LAST EXPANSION PLAN = 1 FIXED O+M OPTION = 1 - SEPARATE ITEM IN PRODUCTION COST

COST SCALING OPTION = 0 - 1.000 M\$ SYSTEMS INCLUDED IN INTERCONNECTED SYSTEM REPORTS  
 ENERGY SCALING OPTION = 0 - 1.000 GWH 1  
 MONTHLY OUTPUT OPTION = 0 - NO

RRB FIRST YEAR = 2001 FIRST SEGMENT = 1 FIRST SUBWEEK = 1  
 LAST YEAR = 2030 LAST SEGMENT = 12 LAST SUBWEEK = 3

RRC SYSTEM/DISPATCH OPTION = 3 - SYSTEM A, POOL DISPATCH

EXPANSION PLAN SUMMARY = 2 - YES, WITH RESERVE CAPACITY

PRODUCTION COST REPORTS

SYSTEM = 1 - ANNUAL UNIT ORDER OPTION = 2 - LOADING ORDER  
 SERVICE AREAS = 1 - ANNUAL LOADING BLOCK OPTION = 0 - UNIT  
 FUEL CLASSES = 1 - ANNUAL  
 UNITS = 1 - ANNUAL  
 DETAILED COSTS BY UNITS = 0 - NO

RELIABILITY REPORTS

RELIABILITY = 1 - ANNUAL  
 RESERVE = 1 - ANNUAL

MAINTENANCE SCHEDULE REPORTS

SYSTEM = 0 - NO  
 UNITS = 1 - YES

FUEL USAGE REPORTS

SYSTEM = 1 - ANNUAL  
 UNITS = 0 - NO

ENVIRONMENTAL REPORTS

SYSTEM EMISSIONS = 1 - ANNUAL  
 SITE EMISSIONS = 0 - NO  
 UNIT EMISSIONS = 1 - ANNUAL



COST ANALYSIS REPORTS

UNIT OUTLAYS = 3 - ALL INSTALLED UNITS  
 CONSTRUCTION COST = 1 - YES  
 TOTAL COST = 1 - YES  
 INTEREST COVERAGE = 0 - NO  
 EARNING ASSETS = 0 - NO

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 EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 7

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

-----  
 TOTAL COST, M\$

--W/O EXT. 40970.  
 --WITH EXT. 40970.

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IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 8

PLAN	NEW UNITS ADDED																													
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00671

TOTAL COST, M\$  
 --W/O EXT. 40976.  
 --WITH EXT. 40976.

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IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
 --W/O EXT. 40995.  
 --WITH EXT. 40995.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

19:55:56

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 10

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PLAN	NEW UNITS ADDED																													
4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

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00672

2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41003.

--WITH EXT. 41003.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 11

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PLAN	NEW UNITS ADDED																													
5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0

00673

2006	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41006.  
--WITH EXT. 41006.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 12  
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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TOTAL COST, M\$  
 --W/O EXT. 41006.  
 --WITH EXT. 41006.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

00676

TOTAL COST, M\$  
 --W/O EXT. 41007.  
 --WITH EXT. 41007.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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PLAN	NEW UNITS ADDED																													
8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00677

TOTAL COST, M\$  
 --W/O EXT. 41009.  
 --WITH EXT. 41009.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

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PLAN	NEW UNITS ADDED																													
9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30



2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
 --W/O EXT. 41009.  
 --WITH EXT. 41009.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 16

PLAN	NEW UNITS ADDED																													
10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00678

2005	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41010.  
--WITH EXT. 41010.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 17

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PLAN NEW UNITS ADDED

11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

00679

2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41010.

--WITH EXT. 41010.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 18

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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TOTAL COST, M\$

--W/O EXT. 41010.

--WITH EXT. 41010.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

19:55:56

00681

PLAN	NEW UNITS ADDED																													
13	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00682

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 TOTAL COST, M\$  
 --W/O EXT. 41010.  
 --WITH EXT. 41010.  
 ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

PLAN NEW UNITS ADDED

14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41013.

--WITH EXT. 41013.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

19:55:56

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 21

PLAN NEW UNITS ADDED

15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00683

2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41020.  
--WITH EXT. 41020.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 22

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PLAN NEW UNITS ADDED

16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
-----																															
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

00684

2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41032.  
--WITH EXT. 41032.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 23  
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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41033.  
--WITH EXT. 41033.

PLAN	NEW UNITS ADDED																													
18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41039.  
--WITH EXT. 41039.

PLAN NEW UNITS ADDED  
 19 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
 --W/O EXT. 41041.  
 --WITH EXT. 41041.

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 26  
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PLAN NEW UNITS ADDED  
 20 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41042.  
--WITH EXT. 41042.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 27

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PLAN NEW UNITS ADDED

21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

00689

2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41042.

--WITH EXT. 41042.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 28

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

00690

2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41047.  
--WITH EXT. 41047.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 29  
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PLAN	NEW UNITS ADDED																														
23	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0

2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41047.

--WITH EXT. 41047.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 30

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PLAN NEW UNITS ADDED  
24 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41048.  
--WITH EXT. 41048.

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 31  
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PLAN NEW UNITS ADDED  
25 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---



2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
2006	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41052.

--WITH EXT. 41052.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

26	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41052.  
--WITH EXT. 41052.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

27	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41053.

--WITH EXT. 41053.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

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2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41055.  
--WITH EXT. 41055.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
29	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41055.  
--WITH EXT. 41055.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41059.

--WITH EXT. 41059.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00699

2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41066.  
--WITH EXT. 41066.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 38  
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PLAN	NEW UNITS ADDED																													
32	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00700

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41071.

--WITH EXT. 41071.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

33	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	

00701



2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41075.  
--WITH EXT. 41075.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

34	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41078.  
--WITH EXT. 41078.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41080.

--WITH EXT. 41080.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 42

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PLAN	NEW UNITS ADDED																													
36	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TOTAL COST, M\$

--W/O EXT. 41080.

--WITH EXT. 41080.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
37	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41082.  
--WITH EXT. 41082.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

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PLAN	NEW UNITS ADDED	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005		0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
2006		0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

00706

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41084.

--WITH EXT. 41084.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 45

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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

00707

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41084.  
--WITH EXT. 41084.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
40																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00708

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41086.

--WITH EXT. 41086.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
41																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00709



2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41086.

--WITH EXT. 41086.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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PLAN	NEW UNITS ADDED																													
42	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41108.

--WITH EXT. 41108.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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PLAN	NEW UNITS ADDED																													
43	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00711

2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41110.

--WITH EXT. 41110.

ELECTRIC POWER RESEARCH INSTITUTE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

44	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41114.  
--WITH EXT. 41114.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 52  
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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41116.  
--WITH EXT. 41116.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 53  
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PLAN	NEW UNITS ADDED																													
47	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41119.

--WITH EXT. 41119.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 54

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PLAN	NEW UNITS ADDED																													
48	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41120.  
--WITH EXT. 41120.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 55  
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PLAN	NEW UNITS ADDED																													
49	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41120.

--WITH EXT. 41120.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 56

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PLAN NEW UNITS ADDED

50	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

-----  
TOTAL COST, M\$

--W/O EXT. 41121.

--WITH EXT. 41121.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

51	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41121.  
--WITH EXT. 41121.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41124.

--WITH EXT. 41124.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
53																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41125.  
--WITH EXT. 41125.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 60  
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PLAN	NEW UNITS ADDED																													
54	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41125.

--WITH EXT. 41125.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

19:55:56

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 61

PLAN	NEW UNITS ADDED																													
55	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00723

2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41126.  
--WITH EXT. 41126.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 62  
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PLAN	NEW UNITS ADDED																													
56	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

00724

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41126.  
--WITH EXT. 41126.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 63  
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PLAN	NEW UNITS ADDED																													
57	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0



2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
 --W/O EXT. 41130.  
 --WITH EXT. 41130.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 64

PLAN	NEW UNITS ADDED																													
58	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41131.  
--WITH EXT. 41131.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 65  
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PLAN	NEW UNITS ADDED																													
59	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41131.  
--WITH EXT. 41131.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																														
	60	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41134.

--WITH EXT. 41134.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																														
	61	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41134.  
--WITH EXT. 41134.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

62	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41134.

--WITH EXT. 41134.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 69

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PLAN NEW UNITS ADDED

63	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41137.  
--WITH EXT. 41137.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 70  
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PLAN	NEW UNITS ADDED																													
64	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41137.

--WITH EXT. 41137.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 71

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
65																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41141.  
--WITH EXT. 41141.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 72

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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
66																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41149.  
--WITH EXT. 41149.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
67																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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TOTAL COST, M\$  
--W/O EXT. 41152.  
--WITH EXT. 41152.

1ELECTRIC POWER RESEARCH INSTITUTE                      IRP01 EGEAS BASECASE                      2/11/ 2      19:55:56

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EGEAS REPORT      VERSION 7.32                      EXPANSION PLAN DIRECTORY                      PAGE 75  
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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41152.  
--WITH EXT. 41152.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
70	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41152.

--WITH EXT. 41152.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
71																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
 --W/O EXT. 41155.  
 --WITH EXT. 41155.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
72	-----																													
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41156.

--WITH EXT. 41156.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
73	-----																													
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41158.

--WITH EXT. 41158.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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PLAN NEW UNITS ADDED

74	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41158.  
--WITH EXT. 41158.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
75																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41158.

--WITH EXT. 41158.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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19:55:56

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

76	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41159.

--WITH EXT. 41159.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

77	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41159.  
--WITH EXT. 41159.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
78	-----																													
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41160.  
--WITH EXT. 41160.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 85  
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PLAN	NEW UNITS ADDED																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
79	-----																													
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0
2006	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41160.

--WITH EXT. 41160.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

19:55:56

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 86

PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
80																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41160.  
--WITH EXT. 41160.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 87

PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
81																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0



2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41161.

--WITH EXT. 41161.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 88

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
82																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41164.  
--WITH EXT. 41164.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 89  
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PLAN	NEW UNITS ADDED																													
83	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41170.  
--WITH EXT. 41170.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 90  
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PLAN	NEW UNITS ADDED																													
84	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41180.  
--WITH EXT. 41180.  
1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56  
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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 91  
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PLAN	NEW UNITS ADDED																													
85	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0





2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41183.  
--WITH EXT. 41183.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

88	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

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2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41184.

--WITH EXT. 41184.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

PLAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
89																														
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41187.  
--WITH EXT. 41187.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 19:55:56

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PLAN	NEW UNITS ADDED																													
90	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41188.

--WITH EXT. 41188.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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PLAN NEW UNITS ADDED

91	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41188.  
--WITH EXT. 41188.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

92	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41188.

--WITH EXT. 41188.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
93	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41189.

--WITH EXT. 41189.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

94	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41190.

--WITH EXT. 41190.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

95	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41192.  
--WITH EXT. 41192.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
96	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41194.  
 --WITH EXT. 41194.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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PLAN	NEW UNITS ADDED																													
97	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41205.

--WITH EXT. 41205.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41205.  
--WITH EXT. 41205.

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EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
99	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41206.  
--WITH EXT. 41206.

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PLAN NEW UNITS ADDED

100 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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2001 0  
2002 0  
2003 0  
2004 0  
2005 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 1 1 0 0  
2006 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
2007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0  
2008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
2009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0  
2010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0  
2011 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0  
2012 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
2013 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
2014 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0  
2015 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0  
2016 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

00768

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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TOTAL COST, M\$  
--W/O EXT. 41213.  
--WITH EXT. 41213.

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 MR EXPAN 4x1	984.000 MW
13 PA 13 MR EXPAN 4x1 DF	96.000 MW	14 PA 14 MR EXPAN 4x1 PF	27.000 MW	15 PA 15 MT 4x1 M	984.000 MW
16 PA 16 MT 4x1 M DF	96.000 MW	17 PA 17 MT 4x1 M PF	27.000 MW	18 PA 18 CC-(GREENFIELD)	1107.000 MW
19 PA 19 CT	159.000 MW				

NOTES - ALL COSTS ARE IN MILLIONS OF DOLLARS DISCOUNTED TO THE BEGINNING OF 2001.  
- W/O EXT. = COST FOR STUDY PERIOD ONLY.  
- WITH EXT. = TOTAL COST FOR STUDY AND EXTENSION PERIODS.

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PLAN 1

NUMBER OF NEW UNITS ADDED

YEAR	1	2	3	4	5	6	7	8	9	10
2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 MR EXPAN 4x1	984.000 MW
13 PA 13 MR EXPAN 4x1 DF	96.000 MW	14 PA 14 MR EXPAN 4x1 PF	27.000 MW	15 PA 15 MT 4x1 M	984.000 MW
16 PA 16 MT 4x1 M DF	96.000 MW	17 PA 17 MT 4x1 M PF	27.000 MW	18 PA 18 CC-(GREENFIELD)	1107.000 MW
19 PA 19 CT	159.000 MW				

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EXPANSION PLAN SUMMARY

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PLAN 1

NUMBER OF NEW UNITS ADDED

YEAR	11	12	13	14	15	16	17	18	19
2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00

2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	1.00	1.00	1.00	1.00	1.00	1.00	6.00	7.00

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 MR EXPAN 4x1	984.000 MW
13 PA 13 MR EXPAN 4x1 DF	96.000 MW	14 PA 14 MR EXPAN 4x1 PF	27.000 MW	15 PA 15 MT 4x1 M	984.000 MW
16 PA 16 MT 4x1 M DF	96.000 MW	17 PA 17 MT 4x1 M PF	27.000 MW	18 PA 18 CC-(GREENFIELD)	1107.000 MW
19 PA 19 CT	159.000 MW				

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EXPANSION PLAN SUMMARY

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PLAN 1

NEW CAPACITY ADDED, MW

YEAR	1	2	3	4	5	6	7	8	9	10
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 MR EXPAN 4x1	984.000 MW
13 PA 13 MR EXPAN 4x1 DF	96.000 MW	14 PA 14 MR EXPAN 4x1 PF	27.000 MW	15 PA 15 MT 4x1 M	984.000 MW
16 PA 16 MT 4x1 M DF	96.000 MW	17 PA 17 MT 4x1 M PF	27.000 MW	18 PA 18 CC-(GREENFIELD)	1107.000 MW
19 PA 19 CT	159.000 MW				

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EXPANSION PLAN SUMMARY

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PLAN 1

NEW CAPACITY ADDED, MW

YEAR	11	12	13	14	15	16	17	18	19
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	0.000	984.000	96.000	27.000	984.000	96.000	27.000	0.000	0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000



2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000
2011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000
2012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000
2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000
2017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	159.000
2019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	318.000
2020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	636.000
2021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	984.000	96.000	27.000	984.000	96.000	27.000	6642.000	1113.000	

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 MR EXPAN 4x1	984.000 MW
13 PA 13 MR EXPAN 4x1 DF	96.000 MW	14 PA 14 MR EXPAN 4x1 PF	27.000 MW	15 PA 15 MT 4x1 M	984.000 MW
16 PA 16 MT 4x1 M DF	96.000 MW	17 PA 17 MT 4x1 M PF	27.000 MW	18 PA 18 CC-(GREENFIELD)	1107.000 MW
19 PA 19 CT	159.000 MW				

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EXPANSION PLAN SUMMARY

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PLAN 1

YEAR	PEAK LOAD, MW	ENERGY GWH	.....RATED CAPACITY, MW.....			RESERVE CAPACITY	RESERVE PERCENT	LOSS OF LOAD PROBABILITY	..CAPITAL COSTS, M\$ ..	CHANGES	
			INSTALLED	RETIRED	CHANGED	TOTAL			NEW UNITS		
2001	18754.0	95685.	1580.0	0.0	1060.5	21583.1	21530.6	15.93	0.0000	0.	0.
2002	19131.0	99162.	2000.0	1324.0	665.0	22924.1	22871.6	21.11	0.0000	0.	0.

2003	19765.0	104414.	1177.0	0.0	85.5	24186.6	23976.6	23.05	0.0000	0.	0.
2004	20226.0	108042.	0.0	0.0	79.0	24265.6	24055.6	20.53	0.0000	0.	0.
2005	20719.0	111772.	2214.0	598.0	-367.0	25514.6	25304.6	24.05	0.0000	976.	0.
2006	21186.0	115602.	0.0	133.0	79.0	25460.6	25250.6	20.89	0.0000	0.	0.
2007	21556.0	118157.	1107.0	447.0	78.0	26198.6	25988.6	22.44	0.0000	629.	0.
2008	21870.0	120549.	0.0	0.0	79.0	26277.6	26067.6	21.01	0.0000	0.	0.
2009	22271.0	122922.	1107.0	50.6	76.0	27410.0	27200.0	24.27	0.0000	650.	0.
2010	22687.0	125448.	1107.0	971.5	23.0	27568.5	27358.5	22.57	0.0000	661.	0.
2011	23106.0	127512.	1107.0	45.0	2.0	28632.5	28422.5	25.17	0.0000	672.	0.
2012	23495.0	128965.	0.0	0.0	0.0	28632.5	28422.5	22.91	0.0000	0.	0.
2013	23887.0	130434.	0.0	0.0	0.0	28632.5	28422.5	20.71	0.0000	0.	0.
2014	24294.0	132014.	1107.0	0.0	0.0	29739.5	29529.5	23.47	0.0000	707.	0.
2015	24696.0	133571.	0.0	0.0	0.0	29739.5	29529.5	21.28	0.0000	0.	0.
2016	25110.0	135223.	1107.0	0.0	0.0	30846.5	30636.5	23.90	0.0000	731.	0.
2017	25489.0	136989.	0.0	0.0	0.0	30846.5	30636.5	21.90	0.0000	0.	0.
2018	25890.0	138629.	159.0	0.0	0.0	31005.5	30795.5	20.52	0.0000	108.	0.
2019	26267.0	140153.	318.0	0.0	0.0	31323.5	31113.5	19.96	0.0000	219.	0.
2020	26680.0	141533.	636.0	0.0	0.0	31959.5	31749.5	20.53	0.0000	446.	0.
2021	27100.0	142926.	0.0	0.0	0.0	31959.5	31749.5	18.51	0.0000	0.	0.
2022	27100.0	142926.	0.0	382.0	0.0	31577.5	31367.5	16.99	0.0000	0.	0.
2023	27100.0	142926.	0.0	0.0	0.0	31577.5	31367.5	16.99	0.0000	0.	0.
2024	27100.0	142926.	0.0	0.0	0.0	31577.5	31367.5	16.99	0.0000	0.	0.
2025	27100.0	142926.	0.0	250.0	0.0	31327.5	31117.5	16.00	0.0000	0.	0.
2026	27100.0	142926.	0.0	330.0	0.0	30997.5	30787.5	14.68	0.0000	0.	0.
2027	27100.0	142926.	0.0	14.5	0.0	30983.0	30773.0	14.63	0.0000	0.	0.
2028	27100.0	142926.	0.0	0.0	0.0	30983.0	30773.0	14.63	0.0000	0.	0.
2029	27100.0	142926.	0.0	0.0	0.0	30983.0	30773.0	14.63	0.0000	0.	0.
2030	27100.0	142926.	0.0	0.0	0.0	30983.0	30773.0	14.63	0.0000	0.	0.

NOTES - ANNUAL COSTS ARE IN MILLIONS OF CURRENT DOLLARS. PRESENT WORTH COSTS ARE SHOWN FOR THE EXTENSION PERIOD.

- PRESENT WORTH COSTS ARE IN MILLIONS OF DOLLARS DISCOUNTED TO THE BEGINNING OF 2001.

- CAPACITY TOTALS INCLUDE BOTH SUPPLY-SIDE AND DEMAND-SIDE RESOURCES. SEE RESERVE REPORT FOR DETAILS.

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EXPANSION PLAN SUMMARY

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PLAN 1

YEAR	PRODUCTION COST	CAPITAL FIXED CHARGES	COST SUMMARY			
			ANNUAL	CUMULATIVE ANNUAL	PRESENT WORTH	CUMULATIVE PRES WORTH
2001	2178.	0.	2178.	2178.	2178.	2178.
2002	1913.	0.	1913.	4091.	1763.	3941.
2003	2081.	0.	2081.	6172.	1768.	5709.
2004	2117.	0.	2117.	8289.	1657.	7367.

2005	2237.	196.	2433.	10722.	1756.	9122.
2006	2379.	188.	2567.	13289.	1707.	10829.
2007	2499.	306.	2805.	16094.	1719.	12549.
2008	2631.	293.	2924.	19019.	1652.	14201.
2009	2780.	411.	3191.	22209.	1661.	15862.
2010	3045.	526.	3571.	25781.	1714.	17576.
2011	3220.	638.	3858.	29639.	1706.	19282.
2012	3366.	611.	3977.	33616.	1621.	20903.
2013	3492.	584.	4076.	37691.	1531.	22435.
2014	3683.	699.	4382.	42073.	1517.	23952.
2015	3903.	668.	4571.	46644.	1459.	25411.
2016	4113.	783.	4896.	51541.	1440.	26851.
2017	4293.	747.	5040.	56581.	1366.	28217.
2018	4492.	732.	5224.	61805.	1305.	29523.
2019	4678.	740.	5418.	67223.	1248.	30770.
2020	4899.	791.	5690.	72912.	1208.	31978.
2021	5092.	750.	5842.	78754.	1143.	33121.
2022	5357.	709.	6066.	84820.	1094.	34214.
2023	5510.	669.	6179.	90999.	1027.	35241.
2024	5672.	628.	6300.	97299.	965.	36206.
2025	5895.	589.	6484.	103783.	915.	37121.

2026	6097.	551.	6648.	110431.	865.	37986.
2027	6284.	515.	6799.	117231.	815.	38801.
2028	6466.	479.	6945.	124176.	768.	39569.
2029	6650.	445.	7095.	131270.	723.	40292.
2030	6853.	374.	7227.	138498.	678.	40970.

NOTES - ANNUAL COSTS ARE IN MILLIONS OF CURRENT DOLLARS. PRESENT WORTH COSTS ARE SHOWN FOR THE EXTENSION PERIOD.  
 - PRESENT WORTH COSTS ARE IN MILLIONS OF DOLLARS DISCOUNTED TO THE BEGINNING OF 2001.

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 EGEAS REPORT VERSION 7.32 PRODUCTION COST - SYSTEM ANNUAL REPORT PAGE 113  
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PLAN 1

	ENERGY, GWH.....							TOTAL
	GENERATION	DUMP	CHARGING	CONTRACT PURCHASE	CONTRACT SALE	ECONOMY INTERCH	UNMET	
2001	95684.	0.	0.	0.	0.	0.	0.	95685.
2002	99161.	0.	0.	0.	0.	0.	0.	99162.
2003	104413.	0.	0.	0.	0.	0.	0.	104414.
2004	108041.	0.	0.	0.	0.	0.	0.	108042.
2005	111771.	0.	0.	0.	0.	0.	0.	111772.
2006	115601.	0.	0.	0.	0.	0.	0.	115602.
2007	118156.	0.	0.	0.	0.	0.	0.	118157.
2008	120548.	0.	0.	0.	0.	0.	0.	120549.
2009	122921.	0.	0.	0.	0.	0.	0.	122922.
2010	125447.	0.	0.	0.	0.	0.	0.	125448.
2011	127511.	0.	0.	0.	0.	0.	0.	127512.
2012	128964.	0.	0.	0.	0.	0.	0.	128965.
2013	130433.	0.	0.	0.	0.	0.	0.	130434.
2014	132013.	0.	0.	0.	0.	0.	0.	132014.
2015	133570.	0.	0.	0.	0.	0.	0.	133571.
2016	135222.	0.	0.	0.	0.	0.	0.	135223.
2017	136988.	0.	0.	0.	0.	0.	0.	136989.
2018	138628.	0.	0.	0.	0.	0.	0.	138629.
2019	140152.	0.	0.	0.	0.	0.	0.	140153.
2020	141532.	0.	0.	0.	0.	0.	0.	141533.
2021	142925.	0.	0.	0.	0.	0.	0.	142926.
2022	142925.	0.	0.	0.	0.	0.	0.	142926.
2023	142925.	0.	0.	0.	0.	0.	0.	142926.
2024	142925.	0.	0.	0.	0.	0.	0.	142926.
2025	142925.	0.	0.	0.	0.	0.	0.	142926.
2026	142925.	0.	0.	0.	0.	0.	0.	142926.
2027	142925.	0.	0.	0.	0.	0.	0.	142926.
2028	142925.	0.	0.	0.	0.	0.	0.	142926.

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2029	142925.	0.	0.	0.	0.	0.	0.	142926.
2030	142925.	0.	0.	0.	0.	0.	0.	142926.

NOTE - GENERATION INCLUDES CHARGING OF STORAGE UNITS (IF ANY).

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PRODUCTION COST - SYSTEM ANNUAL REPORT

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PLAN 1

	FUEL	VARIABLE O+M	FIXED O+M	CONTRACT PURCHASE	CONTRACT SALE	ECONOMY INTERCH	EMISSION COST	ALLOWANCES CREDIT	UNMET ENERGY	TOTAL
2001	2164.	0.	0.	0.	0.	0.	14.	0.	0.	2178.
2002	1918.	0.	0.	0.	0.	0.	0.	-5.	0.	1913.
2003	2085.	0.	0.	0.	0.	0.	0.	-4.	0.	2081.
2004	2119.	0.	0.	0.	0.	0.	0.	-2.	0.	2117.
2005	2150.	1.	97.	0.	0.	0.	0.	-10.	0.	2237.
2006	2288.	1.	97.	0.	0.	0.	0.	-7.	0.	2379.
2007	2344.	1.	165.	0.	0.	0.	0.	-11.	0.	2499.
2008	2473.	1.	167.	0.	0.	0.	0.	-10.	0.	2631.
2009	2555.	1.	237.	0.	0.	0.	0.	-14.	0.	2780.
2010	2750.	2.	309.	0.	0.	0.	0.	-15.	0.	3045.
2011	2851.	2.	384.	0.	0.	0.	0.	-18.	0.	3220.
2012	2992.	2.	390.	0.	0.	0.	0.	-18.	0.	3366.
2013	3111.	2.	396.	0.	0.	0.	0.	-18.	0.	3492.
2014	3227.	2.	476.	0.	0.	0.	0.	-23.	0.	3683.
2015	3439.	3.	484.	0.	0.	0.	0.	-23.	0.	3903.
2016	3565.	4.	569.	0.	0.	0.	0.	-24.	0.	4113.
2017	3734.	4.	579.	0.	0.	0.	0.	-23.	0.	4293.
2018	3914.	4.	596.	0.	0.	0.	0.	-22.	0.	4492.
2019	4075.	4.	619.	0.	0.	0.	0.	-20.	0.	4678.
2020	4257.	4.	657.	0.	0.	0.	0.	-20.	0.	4899.
2021	4433.	4.	671.	0.	0.	0.	0.	-18.	0.	5092.
2022	4686.	4.	686.	0.	0.	0.	0.	-20.	0.	5357.
2023	4824.	5.	702.	0.	0.	0.	0.	-20.	0.	5510.
2024	4969.	5.	718.	0.	0.	0.	0.	-20.	0.	5672.
2025	5175.	5.	734.	0.	0.	0.	0.	-19.	0.	5895.
2026	5356.	5.	752.	0.	0.	0.	0.	-16.	0.	6097.
2027	5525.	5.	770.	0.	0.	0.	0.	-16.	0.	6284.
2028	5687.	5.	789.	0.	0.	0.	0.	-16.	0.	6466.
2029	5851.	5.	809.	0.	0.	0.	0.	-15.	0.	6650.
2030	6033.	5.	830.	0.	0.	0.	0.	-16.	0.	6853.

NOTES - ANNUAL COSTS ARE IN MILLIONS OF CURRENT DOLLARS.

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PLAN 1

YEAR	.....TOTAL SYSTEM.....		..SERVICE AREA - OTHR..	
	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$
2001	95684.	2164.	95684.	2164.
2002	99161.	1918.	99161.	1918.
2003	104413.	2085.	104413.	2085.
2004	108041.	2119.	108041.	2119.
2005	111771.	2248.	111771.	2248.
2006	115601.	2386.	115601.	2386.
2007	118156.	2510.	118156.	2510.
2008	120548.	2641.	120548.	2641.
2009	122921.	2794.	122921.	2794.
2010	125447.	3060.	125447.	3060.
2011	127511.	3237.	127511.	3237.
2012	128964.	3384.	128964.	3384.
2013	130433.	3509.	130433.	3509.
2014	132013.	3706.	132013.	3706.
2015	133570.	3926.	133570.	3926.
2016	135222.	4137.	135222.	4137.
2017	136988.	4317.	136988.	4317.
2018	138628.	4514.	138628.	4514.
2019	140152.	4699.	140152.	4699.
2020	141532.	4918.	141532.	4918.
2021	142925.	5109.	142925.	5109.
2022	142925.	5377.	142925.	5377.
2023	142925.	5530.	142925.	5530.
2024	142925.	5691.	142925.	5691.
2025	142925.	5915.	142925.	5915.
2026	142925.	6113.	142925.	6113.
2027	142925.	6301.	142925.	6301.
2028	142925.	6482.	142925.	6482.
2029	142925.	6666.	142925.	6666.
2030	142925.	6869.	142925.	6869.

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NOTES - ANNUAL COSTS ARE IN MILLIONS OF CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE IN MILLIONS OF DOLLARS DISCOUNTED TO THE BEGINNING OF 2001.  
 - COSTS INCLUDE FUEL, VARIABLE O+M, AND FIXED O+M.

PLAN 1

YEAR	.....TOTAL SYSTEM.....		..FUEL CLASS - DSM..		..FUEL CLASS - HOIL..		..FUEL CLASS - NUCL..	
	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$
2001	95684.	2164.	110.	0.	25923.	934.	22763.	99.
2002	99161.	1918.	265.	0.	9237.	330.	22763.	100.
2003	104413.	2085.	376.	0.	9498.	312.	22763.	103.
2004	108041.	2119.	485.	0.	13169.	425.	22763.	105.
2005	111771.	2248.	619.	0.	8243.	264.	22763.	108.
2006	115601.	2386.	755.	0.	10280.	332.	22763.	110.
2007	118156.	2510.	910.	0.	8608.	286.	22763.	105.
2008	120548.	2641.	1040.	0.	10044.	343.	22763.	106.
2009	122921.	2794.	1170.	0.	7307.	254.	22763.	109.
2010	125447.	3060.	1302.	0.	7514.	268.	22763.	110.
2011	127511.	3237.	1302.	0.	5329.	194.	22763.	111.
2012	128964.	3384.	1302.	0.	6252.	236.	22763.	114.
2013	130433.	3509.	1302.	0.	6374.	246.	22763.	114.
2014	132013.	3706.	1302.	0.	4698.	185.	22763.	116.
2015	133570.	3926.	1302.	0.	5781.	236.	22763.	117.
2016	135222.	4137.	1302.	0.	4184.	173.	22763.	119.
2017	136988.	4317.	1302.	0.	4709.	201.	22763.	120.
2018	138628.	4514.	1302.	0.	5414.	239.	22763.	122.
2019	140152.	4699.	1302.	0.	5818.	264.	22763.	123.
2020	141532.	4918.	1302.	0.	6461.	303.	22763.	124.
2021	142925.	5109.	1302.	0.	7066.	342.	22763.	125.
2022	142925.	5377.	1302.	0.	8252.	413.	22763.	127.
2023	142925.	5530.	1302.	0.	7963.	407.	22763.	128.
2024	142925.	5691.	1302.	0.	8182.	429.	22763.	129.
2025	142925.	5915.	1302.	0.	8948.	484.	22763.	131.
2026	142925.	6113.	1302.	0.	9626.	535.	22763.	132.
2027	142925.	6301.	1302.	0.	9691.	555.	22763.	133.
2028	142925.	6482.	1302.	0.	9758.	574.	22763.	135.
2029	142925.	6666.	1302.	0.	9852.	595.	22763.	136.
2030	142925.	6869.	1302.	0.	9803.	611.	22763.	138.

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PLAN 1

YEAR	..FUEL CLASS - GAS..		..FUEL CLASS - LOIL..		..FUEL CLASS - PURC..		..FUEL CLASS - ECON..	
	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$

2001	15206.	485.	140.	12.	6648.	104.	40.	2.
2002	32047.	823.	14.	1.	6648.	108.	4.	0.
2003	37287.	994.	1.	0.	6648.	110.	8.	0.
2004	36962.	921.	8.	1.	6648.	109.	13.	0.
2005	46277.	1219.	0.	0.	6648.	110.	125.	4.
2006	47806.	1276.	1.	0.	6648.	112.	125.	4.
2007	51860.	1440.	1.	0.	6648.	115.	125.	4.
2008	52449.	1492.	2.	0.	6648.	118.	125.	4.
2009	57129.	1716.	0.	0.	6648.	119.	125.	4.
2010	66158.	2072.	1.	0.	0.	0.	125.	4.
2011	70352.	2309.	0.	0.	0.	0.	125.	4.
2012	71298.	2404.	1.	0.	0.	0.	125.	4.
2013	72188.	2496.	1.	0.	0.	0.	125.	4.
2014	75824.	2743.	0.	0.	0.	0.	125.	4.
2015	82906.	3081.	1.	0.	0.	0.	125.	4.
2016	86682.	3365.	0.	0.	0.	0.	125.	5.
2017	87757.	3499.	0.	0.	0.	0.	125.	5.
2018	88825.	3645.	0.	0.	0.	0.	125.	5.
2019	89158.	3775.	0.	0.	0.	0.	125.	5.
2020	90161.	3947.	1.	0.	0.	0.	125.	5.
2021	90448.	4073.	1.	0.	0.	0.	125.	5.
2022	92137.	4294.	2.	0.	0.	0.	125.	5.
2023	92367.	4438.	2.	0.	0.	0.	125.	5.
2024	92229.	4564.	1.	0.	0.	0.	125.	5.
2025	93646.	4762.	2.	0.	0.	0.	125.	5.
2026	94259.	4933.	3.	0.	0.	0.	125.	5.
2027	94617.	5096.	3.	0.	0.	0.	125.	5.
2028	94418.	5241.	3.	0.	0.	0.	125.	5.
2029	94229.	5385.	3.	0.	0.	0.	125.	5.
2030	94412.	5562.	5.	1.	0.	0.	125.	5.

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PRODUCTION COST - ANNUAL BY FUEL CLASS REPORT

PAGE 118

PLAN 1

YEAR	..FUEL CLASS ENERGY, GWH	- COAL.. COST, M\$	..FUEL CLASS ENERGY, GWH	- SJRP.. COST, M\$	..FUEL CLASS ENERGY, GWH	- COGN.. COST, M\$	..FUEL CLASS ENERGY, GWH	- PUR.. COST, M\$
2001	7507.	128.	3217.	46.	6632.	135.	428.	7.
2002	7361.	129.	2908.	43.	5928.	122.	428.	8.
2003	7516.	141.	3217.	47.	5721.	116.	428.	8.
2004	7361.	122.	2970.	44.	5890.	122.	428.	8.
2005	6671.	112.	3217.	48.	5671.	112.	0.	0.
2006	7680.	130.	2970.	45.	6814.	98.	0.	0.



2007	7303.	126.	3217.	49.	4855.	100.	0.	0.
2008	7467.	129.	2660.	41.	5541.	117.	0.	0.
2009	7516.	132.	3217.	50.	5116.	109.	0.	0.
2010	7361.	131.	2970.	47.	4786.	105.	0.	0.
2011	7516.	135.	3217.	52.	4408.	97.	0.	0.
2012	7361.	134.	2908.	47.	4408.	98.	0.	0.
2013	7516.	140.	3217.	53.	4408.	99.	0.	0.
2014	7361.	139.	2970.	50.	4408.	100.	0.	0.
2015	6671.	128.	3217.	55.	4408.	101.	0.	0.
2016	7680.	150.	2970.	52.	4408.	103.	0.	0.
2017	7303.	145.	3217.	57.	4408.	104.	0.	0.
2018	7467.	151.	2660.	48.	4408.	105.	0.	0.
2019	7516.	155.	3217.	59.	4408.	106.	0.	0.
2020	7361.	153.	2970.	55.	4408.	107.	0.	0.
2021	7516.	160.	3217.	61.	4408.	109.	0.	0.
2022	7361.	158.	0.	0.	4408.	110.	0.	0.
2023	7516.	165.	0.	0.	4408.	111.	0.	0.
2024	7361.	164.	0.	0.	4408.	113.	0.	0.
2025	6671.	151.	0.	0.	2612.	72.	0.	0.
2026	7680.	177.	0.	0.	110.	2.	0.	0.
2027	7303.	171.	0.	0.	0.	0.	0.	0.

2028	7467.	177.	0.	0.	0.	0.	0.	0.	0.
2029	7516.	182.	0.	0.	0.	0.	0.	0.	0.
2030	7361.	181.	0.	0.	0.	0.	0.	0.	0.

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PRODUCTION COST - ANNUAL BY FUEL CLASS REPORT

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PLAN 1

YEAR	..FUEL CLASS ENERGY, GWH	- GAS .. COST, M\$
2001	7071.	212.
2002	11559.	255.
2003	10951.	254.
2004	11346.	263.
2005	11538.	269.
2006	11761.	277.
2007	11868.	284.
2008	11810.	290.
2009	11930.	301.
2010	12469.	324.
2011	12500.	335.
2012	12547.	346.
2013	12539.	356.
2014	12563.	368.
2015	6397.	203.
2016	5107.	171.
2017	5404.	186.
2018	5663.	200.
2019	5844.	213.
2020	5980.	224.
2021	6079.	235.
2022	6574.	270.
2023	6480.	277.
2024	6553.	288.
2025	6856.	310.
2026	7056.	328.
2027	7121.	340.
2028	7089.	349.
2029	7134.	361.
2030	7155.	372.

NOTES - ANNUAL COSTS ARE IN MILLIONS OF CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE IN MILLIONS OF DOLLARS DISCOUNTED TO THE BEGINNING OF 2001.  
 - COSTS INCLUDE FUEL, VARIABLE O+M, AND FIXED O+M.

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PLAN 1 YEAR 2001

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
ST LUCIE 2	MUST		714.000		0.3887							
TURKEY POINT 4	MUST		693.000		0.3850							
TURKEY POINT 3	MUST		693.000		0.3981							
ST LUCIE 1	MUST		839.000		0.4110							
SJRPP 1 (OWN)			254.000		1.4500							
SJRPP 2 (PURCH)			382.000		1.4500							
SOUCO			928.000		1.5700							
BROWARD SOUTH 2			3.500		1.5600							
CEDAR BAY			250.000		1.6900							
PALM BEACH			43.500		1.5900							
FLCSTONE			133.000		1.5900							
BROWARD NORTH 2			11.000		1.5900							
ROYSTER			9.000		1.5900							
FPC PURCHASE			50.000		1.7460							
SCHERER 4			658.000		1.7200							
IND-TOWN			330.000		2.3300							
BIO ENERGY			10.000		2.5300							
BROWARD NORTH 1			45.000		2.5300							
BROWARD SOUTH 1			50.600		2.5300							
MARTIN 4			474.000		4.3900							
MARTIN 3			474.000		4.3900							
PFMREP 1 CT/CC			894.000		4.3900							
FT MYERS 2			402.000		3.3100							
FT LAUD 5			427.000		4.3900							
FT LAUD 4			427.000		4.3900							
RIVIERA 3			283.000		3.3100							
RIVIERA 4			290.000		3.3100							
FT MYERS 1			141.000		3.3100							
SANFORD 4			381.000		3.4600							
CAPE CAN 1			403.000		3.7400							

SANFORD 5	391.000	3.4600
TURKEY POINT 2	400.000	3.7600
TURKEY POINT 1	410.000	3.7600
EVERGLADES 3	390.000	3.7300
EVERGLADES 4	410.000	3.7300
PUTNAM 1	249.000	4.3900
PUTNAM 2	249.000	4.3900
EVERGLADES 2	221.000	3.7300
MANATEE 2	810.000	3.6900
SANFORD 3	142.000	3.4600

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EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2001

\* LOADING ORDER \*

UNIT NAME	ALT		RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
	INST YEAR	LODNG						FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
CAPE CAN 2			403.000		3.7400							
DSM-CONS		DHYDR	62.000		0.0000							
MANATEE 1			815.000		3.6900							
EVERGLADES 1			221.000		3.7300							
MARTIN 2			816.000		3.9563							
ECONOM 1		HYDR	52.500		4.1500							
MARTIN 1			824.000		3.9555							
2 ADV CT-MART			318.000		4.3900							
2 ADV CT-FT MY			318.000		4.3900							
CUTLER 6			144.000		4.3900							
CUTLER 5			71.000		4.3900							
PFM 2-4 GT'S			212.000		6.1300							
PFM 2-4 GT'S			212.000		6.1300							
PFM 2-4 GT'S			212.000		6.1300							
PPE 3-2 GT'S			210.000		6.0900							
PPE 3-2 GT'S			210.000		6.0900							
PFL 3-2 GT'S			210.000		6.0900							
DSM-LC		DHYDR	1266.000		0.0000							
PFL 3-2 GT'S			210.000		6.0900							
PFL 3-2 GT'S			210.000		6.0900							
PFL 3-2 GT'S			210.000		6.0900							

TPDIESEL 1-5

12.000 6.0900

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2002

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.3915							
ST LUCIE 2	MUST		714.000		0.3992							
TURKEY POINT 3	MUST		693.000		0.4048							
ST LUCIE 1	MUST		839.000		0.4168							
SJRPP 1 (OWN)			254.000		1.5100							
SJRPP 2 (PURCH)			382.000		1.5100							
SOUCO			928.000		1.6200							
BROWARD SOUTH 2			3.500		1.5800							
CEDAR BAY			250.000		1.7400							
PALM BEACH			43.500		1.6400							
FLCSTONE			133.000		1.6400							
BROWARD NORTH 2			11.000		1.6400							
FPC PURCHASE			50.000		1.7750							
SCHERER 4			658.000		1.7800							
MARTIN 4			474.000		3.2300							
PSNREP 5			957.000		3.2300							
MARTIN 3			474.000		3.2300							
PFMREP 1 CT/CC			1473.043		3.2300							
IND-TOWN			330.000		2.3600							
FT LAUD 5			427.000		3.2300							
FT LAUD 4			427.000		3.2300							
BIO ENERGY			10.000		2.6800							
PUTNAM 1			249.000		3.2300							
BROWARD NORTH 1			45.000		2.6800							
BROWARD SOUTH 1			50.600		2.6800							
PUTNAM 2			249.000		3.2300							

2 ADV CT-MART	318.000		3.2300								
FIRM PURCHASE	1043.000		3.2300								
2 ADV CT-FT MY	318.000		3.2300								
RIVIERA 3	283.000		3.2500								
RIVIERA 4	290.000		3.2500								
CAPE CAN 1	403.000		3.6700								
MARTIN 2	816.000		3.5467								
CUTLER 6	144.000		3.2300								
TURKEY POINT 2	400.000		3.6900								
DSM-CONS	DHYDR 122.000		0.0000								
TURKEY POINT 1	410.000		3.6900								
EVERGLADES 3	390.000		3.6600								
EVERGLADES 4	410.000		3.6600								
MARTIN 1	824.000		3.5472								
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PLAN 1 YEAR 2002

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GW	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
EVERGLADES 2			221.000		3.6600							
MANATEE 2			810.000		3.6200							
SANFORD 3			142.000		3.3900							
CAPE CAN 2			403.000		3.6700							
MANATEE 1			815.000		3.6200							
EVERGLADES 1			221.000		3.6600							
CUTLER 5			71.000		3.2300							
ECONOM 1		HYDR	52.500		4.1500							
DSM-LC		DHYDR	1292.000		0.0000							
PFM 2-4 GT'S			212.000		5.8400							
PFM 2-4 GT'S			212.000		5.8400							
PFM 2-4 GT'S			212.000		5.8400							
PPE 3-2 GT'S			210.000		5.7900							
PPE 3-2 GT'S			210.000		5.7900							
PFL 3-2 GT'S			210.000		5.7900							
PFL 3-2 GT'S			210.000		5.7900							
PFL 3-2 GT'S			210.000		5.7900							

PFL 3-2 GT'S  
TPDIESEL 1-5

210.000  
12.000

5.7900  
5.7900

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

ELECTRIC POWER RESEARCH INSTITUTE

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EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2003

• LOADING ORDER \*

UNIT NAME	ALT	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
	INST YEAR						LODNG	O + M K\$	O + M K\$	K\$	\$/MWH
ST LUCIE 2	MUST	714.000		0.4092							
TURKEY POINT 4	MUST	693.000		0.4033							
TURKEY POINT 3	MUST	693.000		0.4142							
ST LUCIE 1	MUST	839.000		0.4219							
SJRPP 1 (OWN)		254.000		1.4900							
SJRPP 2 (PURCH)		382.000		1.4900							
BROWARD SOUTH 2		3.500		1.5700							
SOUCO		928.000		1.6600							
PALM BEACH		43.500		1.5900							
FLCSTONE		133.000		1.5900							
BROWARD NORTH 2		11.000		1.5900							
CEDAR BAY		250.000		1.7300							
FPC PURCHASE		50.000		1.8000							
SCHERER 4		658.000		1.9400							
MARTIN 4		474.000		3.4000							
PSNREP 4		957.000		3.4000							
PSNREP 5		957.000		3.4000							
MARTIN 3		474.000		3.4000							
PFMREP 1 CT/CC		1473.043		3.4000							
IND-TOWN		330.000		2.3500							
FT LAUD 5		427.000		5.4100							
FT LAUD 4		427.000		4.1979							
LW CC PURCH		220.000		3.4000							
BIO ENERGY		10.000		2.7000							
BROWARD NORTH 1		45.000		2.7000							
BROWARD SOUTH 1		50.600		2.7000							
PUTNAM 1		249.000		3.4000							
PUTNAM 2		249.000		3.4000							
RIVIERA 3		283.000		2.9600							
RIVIERA 4		290.000		2.9600							
CAPE CAN 1		403.000		3.4100							
TURKEY POINT 2		400.000		3.4300							
2 ADV CT-MART		318.000		3.4000							
FIRM PURCHASE		894.000		3.4000							
2 ADV CT-FT MY		318.000		3.4000							



DSM-CONS DHYDR 183.000 0.0000  
 TURKEY POINT 1 410.000 3.4300  
 EVERGLADES 3 390.000 3.4000  
 EVERGLADES 4 410.000 3.4000  
 MARTIN 2 816.000 3.4207  
 1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

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PLAN 1 YEAR 2003 \* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
SANFORD 3			142.000		3.1100							
EVERGLADES 2			221.000		3.4000							
MANATEE 2			810.000		3.3600							
MARTIN 1			824.000		3.4207							
CAPE CAN 2			403.000		3.4100							
MANATEE 1			815.000		3.3600							
DSM-LC	DHYDR		1308.000		0.0000							
ECONOM 1	HYDR		210.000		3.7000							
EVERGLADES 1			221.000		3.4000							
CUTLER 6			144.000		3.4000							
CUTLER 5			71.000		3.4000							
PFM 2-4 GT'S			212.000		5.4600							
PFM 2-4 GT'S			212.000		5.4600							
PFM 2-4 GT'S			212.000		5.4600							
PPE 3-2 GT'S			210.000		5.4100							
PPE 3-2 GT'S			210.000		5.4100							
PFL 3-2 GT'S			210.000		5.4100							
PFL 3-2 GT'S			210.000		5.4100							
PFL 3-2 GT'S			210.000		5.4100							
PFL 3-2 GT'S			210.000		5.4100							
TPDIESEL 1-5			12.000		5.4100							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
 1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 19:55:56

PLAN 1 YEAR 2004

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4037							
ST LUCIE 2	MUST		714.000		0.4211							
TURKEY POINT 3	MUST		693.000		0.4257							
ST LUCIE 1	MUST		839.000		0.4368							
SJRPP 1 (OWN)			254.000		1.5100							
SJRPP 2 (PURCH)			382.000		1.5100							
SOUCO			928.000		1.6400							
BROWARD SOUTH 2			3.500		1.5900							
PALM BEACH			43.500		1.6100							
FLCSTONE			133.000		1.6100							
BROWARD NORTH 2			11.000		1.6100							
CEDAR BAY			250.000		1.7500							
FPC PURCHASE			50.000		1.8250							
SCHERER 4			658.000		1.6500							
MARTIN 4			474.000		3.3900							
PSNREP 4			957.000		3.3900							
PSNREP 5			957.000		3.3900							
MARTIN 3			474.000		3.3900							
PFMREP 1 CT/CC			1473.043		3.3900							
IND-TOWN			330.000		2.3700							
FT LAUD 5			427.000		3.3900							
FT LAUD 4			427.000		3.3900							
LW CC PURCH			220.000		3.3900							
BIO ENERGY			10.000		2.8100							
BROWARD NORTH 1			45.000		2.8100							
BROWARD SOUTH 1			50.600		2.8100							
PUTNAM 1			249.000		3.3900							
PUTNAM 2			249.000		3.3900							
RIVIERA 3			283.000		2.8500							
RIVIERA 4			290.000		2.8500							
CAPE CAN 1			403.000		3.3400							
TURKEY POINT 2			400.000		3.3600							

EVERGLADES 3	390.000		3.3200							
EVERGLADES 4	410.000		3.3200							
TURKEY POINT 1	410.000		3.3600							
2 ADV CT-MART	318.000		3.3900							
FIRM PURCHASE	894.000		3.3900							
DSM-CONS	246.000	DHYDR	0.0000							
2 ADV CT-FT MY	318.000		3.3900							
MARTIN 2	816.000		3.3693							
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PLAN 1 YEAR 2004 \* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
SANFORD 3			142.000		3.0200							
EVERGLADES 2			221.000		3.3200							
MANATEE 2			810.000		3.2900							
CAPE CAN 2			403.000		3.3400							
MARTIN 1			824.000		3.3693							
MANATEE 1			815.000		3.2900							
EVERGLADES 1			221.000		3.3200							
ECONOM 1		HYDR	210.000		3.7000							
CUTLER 6			144.000		3.3900							
CUTLER 5			71.000		3.3900							
PFM 2-4 GT'S			212.000		5.3400							
DSM-LC		DHYDR	1324.000		0.0000							
PFM 2-4 GT'S			212.000		5.3400							
PFM 2-4 GT'S			212.000		5.3400							
PPE 3-2 GT'S			210.000		5.2900							
PPE 3-2 GT'S			210.000		5.2900							
PFL 3-2 GT'S			210.000		5.2900							
PFL 3-2 GT'S			210.000		5.2900							
PFL 3-2 GT'S			210.000		5.2900							
TPDIESEL 1-5			12.000		5.2900							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PLAN 1 YEAR 2005

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
ST LUCIE 2	MUST		714.000		0.4296							
TURKEY POINT 4	MUST		693.000		0.4301							
TURKEY POINT 3	MUST		693.000		0.4327							
ST LUCIE 1	MUST		839.000		0.4461							
SJRPP 1 (OWN)			254.000		1.5400							
SJRPP 2 (PURCH)			382.000		1.5400							
SOUCO			928.000		1.6600							
BROWARD SOUTH 2			3.500		1.6100							
PALM BEACH			43.500		1.6400							
FLCSTONE			133.000		1.6400							
BROWARD NORTH 2			11.000		1.6400							
CEDAR BAY			250.000		1.7900							
MR EXPAN 4x1 PF	2005		27.000		3.4100							
MT 4x1 M PF	2005		27.000		3.4100							
SCHERER 4			658.000		1.6700							
BROWARD NORTH 1			45.000		2.0000							
BROWARD SOUTH 1			50.600		2.0000							
MARTIN 4			474.000		3.4100							
PSNREP 4			957.000		3.4100							
PSNREP 5			957.000		3.4100							
MARTIN 3			474.000		3.4100							
PFMREP 1 CT/CC			1473.043		3.4100							
MR EXPAN 4x1	2005		984.000		3.4100							
MT 4x1 M	2005		984.000		3.4100							
IND-TOWN			330.000		2.3900							
FT LAUD 5			427.000		3.4100							
FT LAUD 4			427.000		3.4100							
PUTNAM 1			249.000		3.4100							
MR EXPAN 4x1 DF	2005		96.000		3.4100							

MT 4x1 M DF	2005	96.000		3.4100
PUTNAM 2		249.000		3.4100
RIVIERA 4		290.000		2.8200
RIVIERA 3		283.000		2.8200
CAPE CAN 1		403.000		3.3400
TURKEY POINT 2		400.000		3.3600
FIRM PURCHASE		447.000		3.4100
2 ADV CT-FT MY		318.000		3.4100
DSM-CONS	DHYDR	310.000		0.0000
EVERGLADES 3		390.000		3.3200
EVERGLADES 4		410.000		3.3200



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PLAN 1 YEAR 2005

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 1			410.000		3.3600							
MARTIN 2			816.000		3.3687							
SANFORD 3			142.000		2.9900							
EVERGLADES 2			221.000		3.3200							
ECONOM 1		HYDR	210.000		3.5000							
MANATEE 2			810.000		3.2800							
MARTIN 1			824.000		3.3686							
CAPE CAN 2			403.000		3.3400							
DSM-LC		DHYDR	1340.000		0.0000							
MANATEE 1			815.000		3.2800							
EVERGLADES 1			221.000		3.3200							
CUTLER 6			144.000		3.4100							
CUTLER 5			71.000		3.4100							
PFM 2-4 GT'S			212.000		5.3200							
PFM 2-4 GT'S			212.000		5.3200							
PFM 2-4 GT'S			212.000		5.3200							
PPE 3-2 GT'S			210.000		5.2800							
PPE 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
TPDIESEL 1-5			12.000		5.2800							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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\* LOADING ORDER \*

ALT INST	RATED CAPACITY	HEAT RATE	FUEL COST	CAPACITY FACTOR	GENERATION	VARIABLE FUEL O + M	FIXED O + M	PRODUCTION COST
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UNIT NAME	YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
ST LUCIE 2	MUST		714.000	[REDACTED]	0.4436	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 4	MUST		693.000	[REDACTED]	0.4357	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	MUST		839.000	[REDACTED]	0.4478	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 3	MUST		693.000	[REDACTED]	0.4434	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2			3.500	[REDACTED]	1.4700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)			254.000	[REDACTED]	1.5400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)			382.000	[REDACTED]	1.5400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PALM BEACH			43.500	[REDACTED]	1.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2			11.000	[REDACTED]	1.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SOUCO			928.000	[REDACTED]	1.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY			250.000	[REDACTED]	1.7900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005		27.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MT 4x1 M PF	2005		27.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4			658.000	[REDACTED]	1.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 1			45.000	[REDACTED]	2.0400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 1			50.600	[REDACTED]	2.0400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4			474.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4			957.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5			957.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3			474.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC			1473.043	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005		984.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MT 4x1 M	2005		984.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IND-TOWN			330.000	[REDACTED]	2.3900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 5			427.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 4			427.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 1			249.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 DF	2005		96.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MT 4x1 M DF	2005		96.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 2			249.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 4			290.000	[REDACTED]	2.8100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 3			283.000	[REDACTED]	2.8100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 1			403.000	[REDACTED]	3.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 2			400.000	[REDACTED]	3.3800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FIRM PURCHASE			447.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY			318.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 1			410.000	[REDACTED]	3.3800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 3			390.000	[REDACTED]	3.3500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

DSM-CONS  
 EVERGLADES 4  
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DHYDR 375.000  
 410.000

0.0000  
 3.3500  
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\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
MARTIN 2			816.000		3.4018							
SANFORD 3			142.000		3.0000							
EVERGLADES 2			221.000		3.3500							
ECONOM 1		HYDR	210.000		3.4000							
MANATEE 2			810.000		3.3100							
MARTIN 1			824.000		3.4017							
CAPE CAN 2			403.000		3.3700							
MANATEE 1			815.000		3.3100							
DSM-LC		DHYDR	1354.000		0.0000							
EVERGLADES 1			221.000		3.3500							
CUTLER 6			144.000		3.4500							
CUTLER 5			71.000		3.4500							
PFM 2-4 GT'S			212.000		5.3500							
PFM 2-4 GT'S			212.000		5.3500							
PFM 2-4 GT'S			212.000		5.3500							
PPE 3-2 GT'S			210.000		5.3200							
PPE 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
TPDIESEL 1-5			12.000		5.3200							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PLAN 1 YEAR 2007

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE FUEL K\$	O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	COST \$/MWH
TURKEY POINT 4		MUST	693.000		0.4154							
ST LUCIE 1		MUST	839.000		0.4237							
TURKEY POINT 3		MUST	693.000		0.4193							
ST LUCIE 2		MUST	714.000		0.4316							
BROWARD SOUTH 2			3.500		1.4900							
SJRPP 1 (OWN)			254.000		1.5600							
SJRPP 2 (PURCH)			382.000		1.5600							
PALM BEACH			43.500		1.6100							
BROWARD NORTH 2			11.000		1.6100							
SOUCO			928.000		1.7300							
CEDAR BAY			250.000		1.8100							
MR EXPAN 4x1 PF	2005		27.000		3.4900							
MT 4x1 M PF	2005		27.000		3.4900							
SCHERER 4			658.000		1.7200							
BROWARD NORTH 1			45.000		2.0900							
BROWARD SOUTH 1			50.600		2.0900							
MARTIN 4			474.000		3.5000							
PSNREP 4			957.000		3.5000							
PSNREP 5			957.000		3.5000							
MARTIN 3			474.000		3.5000							
PFMREP 1 CT/CC			1473.043		3.5000							
MR EXPAN 4x1	2005		984.000		3.4900							
MT 4x1 M	2005		984.000		3.4900							
IND-TOWN			330.000		2.4000							
CC-(GREENFIELD)	2007		1107.000		3.4900							
FT LAUD 5			427.000		3.5000							
FT LAUD 4			427.000		3.5000							
PUTNAM 1			249.000		3.5000							
MR EXPAN 4x1 DF	2005		96.000		3.4900							
MT 4x1 M DF	2005		96.000		3.4900							
PUTNAM 2			249.000		3.5000							
RIVIERA 4			290.000		2.8700							
RIVIERA 3			283.000		2.8700							
2 ADV CT-FT MY			318.000		3.5000							

CAPE CAN 1		403.000		3.4500						
TURKEY POINT 2		400.000		3.4700						
EVERGLADES 3		390.000		3.4300						
DSM-CONS	DHYDR	440.000		0.0000						
EVERGLADES 4		410.000		3.4300						
TURKEY POINT 1		410.000		3.4700						

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PLAN 1          YEAR 2007    \* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
MARTIN 2			816.000		3.4725							
SANFORD 3			142.000		3.0700							
EVERGLADES 2			221.000		3.4300							
ECONOM 1		HYDR	210.000		3.4200							
MARTIN 1			824.000		3.4724							
MANATEE 2			810.000		3.3900							
CAPE CAN 2			403.000		3.4500							
DSM-LC		DHYDR	1367.000		0.0000							
MANATEE 1			815.000		3.3900							
EVERGLADES 1			221.000		3.4300							
CUTLER 6			144.000		3.5000							
CUTLER 5			71.000		3.5000							
PFM 2-4 GT'S			212.000		5.4900							
PFM 2-4 GT'S			212.000		5.4900							
PFM 2-4 GT'S			212.000		5.4900							
PPE 3-2 GT'S			210.000		5.4600							
PPE 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
TPDIESEL 1-5			12.000		5.4600							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2008

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4222							
TURKEY POINT 3	MUST		693.000		0.4238							
ST LUCIE 1	MUST		839.000		0.4321							
ST LUCIE 2	MUST		714.000		0.4321							
BROWARD SOUTH 2			3.500		1.5200							

PALM BEACH		43.500	1.5700
BROWARD NORTH 2		11.000	1.5700
SJRPP 1 (OWN)		254.000	1.5700
SJRPP 2 (PURCH)		382.000	1.5700
SOUCO		928.000	1.7700
CEDAR BAY		250.000	1.8200
MR EXPAN 4x1 PF	2005	27.000	3.5800
MT 4x1 M PF	2005	27.000	3.5800
SCHERER 4		658.000	1.7200
BROWARD NORTH 1		45.000	2.1400
BROWARD SOUTH 1		50.600	2.1400
MARTIN 4		474.000	3.5900
IND-TOWN		330.000	2.4100
PSNREP 4		957.000	3.5900
PSNREP 5		957.000	3.5900
MARTIN 3		474.000	3.5900
PFMREP 1 CT/CC		1473.043	3.5900
MR EXPAN 4x1	2005	984.000	3.5800
MT 4x1 M	2005	984.000	3.5800
CC-(GREENFIELD)	2007	1107.000	3.5800
FT LAUD 5		427.000	3.5900
FT LAUD 4		427.000	3.5900
PUTNAM 1		249.000	3.5900
MR EXPAN 4x1 DF	2005	96.000	3.5800
MT 4x1 M DF	2005	96.000	3.5800
PUTNAM 2		249.000	3.5900
RIVIERA 4		290.000	2.9400
RIVIERA 3		283.000	2.9400
2 ADV CT-FT MY		318.000	3.5900
CAPE CAN 1		403.000	3.5300
TURKEY POINT 2		400.000	3.5500
EVERGLADES 3		390.000	3.5100
EVERGLADES 4		410.000	3.5100
DSM-CONS	DHYDR	506.000	0.0000
TURKEY POINT 1		410.000	3.5500

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2008

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GW	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	COST \$/MWH
MARTIN 2			816.000		3.5625							
SANFORD 3			142.000		3.1300							
EVERGLADES 2			221.000		3.5100							
MARTIN 1			824.000		3.5624							
ECONOM 1		HYDR	210.000		3.4400							
MANATEE 2			810.000		3.4800							
CAPE CAN 2			403.000		3.5300							
DSM-LC		DHYDR	1380.000		0.0000							
MANATEE 1			815.000		3.4800							
EVERGLADES 1			221.000		3.5100							
CUTLER 6			144.000		3.5900							
CUTLER 5			71.000		3.5900							
PFM 2-4 GT'S			212.000		5.6200							
PFM 2-4 GT'S			212.000		5.6200							
PFM 2-4 GT'S			212.000		5.6200							
PPE 3-2 GT'S			210.000		5.6000							
PPE 3-2 GT'S			210.000		5.6000							
PFL 3-2 GT'S			210.000		5.6000							
PFL 3-2 GT'S			210.000		5.6000							
PFL 3-2 GT'S			210.000		5.6000							
PFL 3-2 GT'S			210.000		5.6000							
TPDIESEL 1-5			12.000		5.6000							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2009

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GW	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	COST \$/MWH
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TURKEY POINT 4	MUST	693.000	0.4261
ST LUCIE 1	MUST	839.000	0.4409
ST LUCIE 2	MUST	714.000	0.4464
TURKEY POINT 3	MUST	693.000	0.4383
BROWARD SOUTH 2		3.500	1.5900
PALM BEACH		43.500	1.6000
BROWARD NORTH 2		11.000	1.6000
SJRPP 1 (OWN)		254.000	1.5900
SJRPP 2 (PURCH)		382.000	1.5900
SOUCO		928.000	1.7900
CEDAR BAY		250.000	1.8500
MR EXPAN 4x1 PF	2005	27.000	3.6900
MT 4x1 M PF	2005	27.000	3.6900
SCHERER 4		658.000	1.7400
BROWARD NORTH 1		45.000	2.1900
IND-TOWN		330.000	2.4300
MARTIN 4		474.000	3.6900
PSNREP 4		957.000	3.6900
PSNREP 5		957.000	3.6900
MARTIN 3		474.000	3.6900
PFMREP 1 CT/CC		1473.043	3.6900
MR EXPAN 4x1	2005	984.000	3.6900
MT 4x1 M	2005	984.000	3.6900
CC-(GREENFIELD)	2007	1107.000	3.6900
CC-(GREENFIELD)	2009	1107.000	3.6900
FT LAUD 5		427.000	3.6900
FT LAUD 4		427.000	3.6900
PUTNAM 1		249.000	3.6900
MR EXPAN 4x1 DF	2005	96.000	3.6900
MT 4x1 M DF	2005	96.000	3.6900
PUTNAM 2		249.000	3.6900
RIVIERA 4		290.000	3.0000
RIVIERA 3		283.000	3.0000
2 ADV CT-FT MY		318.000	3.6900
CAPE CAN 1		403.000	3.6200
TURKEY POINT 2		400.000	3.6400
DSM-CONS	DHYDR	572.000	0.0000
EVERGLADES 3		390.000	3.6000
EVERGLADES 4		410.000	3.6000
TURKEY POINT 1		410.000	3.6400

PLAN 1 YEAR 2009

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
MARTIN 2			816.000		3.6556							
SANFORD 3			142.000		3.2100							
EVERGLADES 2			221.000		3.6000							
ECONOM 1		HYDR	210.000		3.4600							
MARTIN 1			824.000		3.6555							
MANATEE 2			810.000		3.5600							
DSM-LC		DHYDR	1390.000		0.0000							
CAPE CAN 2			403.000		3.6200							
MANATEE 1			815.000		3.5600							
EVERGLADES 1			221.000		3.6000							
CUTLER 6			144.000		3.6900							
CUTLER 5			71.000		3.6900							
PFM 2-4 GT'S			212.000		5.7600							
PFM 2-4 GT'S			212.000		5.7600							
PFM 2-4 GT'S			212.000		5.7600							
PPE 3-2 GT'S			210.000		5.7500							
PPE 3-2 GT'S			210.000		5.7500							
PFL 3-2 GT'S			210.000		5.7500							
PFL 3-2 GT'S			210.000		5.7500							
PFL 3-2 GT'S			210.000		5.7500							
PFL 3-2 GT'S			210.000		5.7500							
TPDIESEL 1-5			12.000		5.7500							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

PLAN 1 YEAR 2010

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	COST \$/MWH
TURKEY POINT 4	MUST		693.000		0.4326							
ST LUCIE 1	MUST		839.000		0.4434							
ST LUCIE 2	MUST		714.000		0.4514							
TURKEY POINT 3	MUST		693.000		0.4445							
BROWARD NORTH 2			11.000		1.6200							
BROWARD SOUTH 2			3.500		1.6400							
SJRPP 1 (OWN)			254.000		1.6200							
SJRPP 2 (PURCH)			382.000		1.6200							
CEDAR BAY			250.000		1.8800							
MR EXPAN 4x1 PF	2005		27.000		3.7900							
MT 4x1 M PF	2005		27.000		3.7900							
SCHERER 4			658.000		1.7700							
BROWARD NORTH 1			45.000		2.2400							
IND-TOWN			330.000		2.4400							
MARTIN 4			474.000		3.8000							
PSNREP 4			957.000		3.8000							
PSNREP 5			957.000		3.8000							
MARTIN 3			474.000		3.8000							
PFMREP 1 CT/CC			1473.043		3.8000							
MR EXPAN 4x1	2005		984.000		3.7900							
MT 4x1 M	2005		984.000		3.7900							
CC-(GREENFIELD)	2007		1107.000		3.7900							
CC-(GREENFIELD)	2009		1107.000		3.7900							
CC-(GREENFIELD)	2010		1107.000		3.7900							
FT LAUD 5			427.000		3.8000							
FT LAUD 4			427.000		3.8000							
PUTNAM 1			249.000		3.8000							
MR EXPAN 4x1 DF	2005		96.000		3.7900							
MT 4x1 M DF	2005		96.000		3.7900							
PUTNAM 2			249.000		3.8000							
RIVIERA 4			290.000		3.0700							
RIVIERA 3			283.000		3.0700							
2 ADV CT-FT MY			318.000		3.8000							
CAPE CAN 1			403.000		3.7100							
TURKEY POINT 2			400.000		3.7300							



DSM-CONS  
 EVERGLADES 3  
 EVERGLADES 4  
 TURKEY POINT 1  
 MARTIN 2

DHYDR 595.000  
 390.000  
 410.000  
 410.000  
 816.000

0.0000  
 3.6900  
 3.6900  
 3.7300  
 3.7518

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2010

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
SANFORD 3			142.000		3.2900							
EVERGLADES 2			221.000		3.6900							
ECONOM 1		HYDR	210.000		3.4800							
MARTIN 1			824.000		3.7517							
MANATEE 2			810.000		3.6600							

CAPE CAN 2	403.000	3.7100							
DSM-LC	DHYDR 1390.000	0.0000							
MANATEE 1	815.000	3.6600							
EVERGLADES 1	221.000	3.6900							
CUTLER 6	144.000	3.8000							
CUTLER 5	71.000	3.8000							
PFM 2-4 GT'S	212.000	5.9200							
PFM 2-4 GT'S	212.000	5.9200							
PFM 2-4 GT'S	212.000	5.9200							
PPE 3-2 GT'S	210.000	5.9100							
PPE 3-2 GT'S	210.000	5.9100							
PFL 3-2 GT'S	210.000	5.9100							
PFL 3-2 GT'S	210.000	5.9100							
PFL 3-2 GT'S	210.000	5.9100							
PFL 3-2 GT'S	210.000	5.9100							
TPDIESEL 1-5	12.000	5.9100							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2011

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4395							
TURKEY POINT 3	MUST		693.000		0.4419							
ST LUCIE 1	MUST		839.000		0.4504							
ST LUCIE 2	MUST		714.000		0.4516							
BROWARD SOUTH 2			3.500		1.5900							
BROWARD NORTH 2			11.000		1.6500							
SJRPP 1 (OWN)			254.000		1.6400							
SJRPP 2 (PURCH)			382.000		1.6400							
CEDAR BAY			250.000		1.9100							
MR EXPAN 4x1 PF	2005		27.000		3.9100							

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MT 4x1 M PF	2005	27.000	3.9100
SCHERER 4		658.000	1.7900
IND-TOWN		330.000	2.4600
MARTIN 4		474.000	3.9200
PSNREP 4		957.000	3.9200
PSNREP 5		957.000	3.9200
MARTIN 3		474.000	3.9200
PFMREP 1 CT/CC		1473.043	3.9200
MR EXPAN 4x1	2005	984.000	3.9100
MT 4x1 M	2005	984.000	3.9100
CC-(GREENFIELD)	2007	1107.000	3.9100
CC-(GREENFIELD)	2009	1107.000	3.9100
CC-(GREENFIELD)	2010	1107.000	3.9100
CC-(GREENFIELD)	2011	1107.000	3.9100
FT LAUD 5		427.000	3.9200
FT LAUD 4		427.000	3.9200
PUTNAM 1		249.000	3.9200
MR EXPAN 4x1 DF	2005	96.000	3.9100
MT 4x1 M DF	2005	96.000	3.9100
PUTNAM 2		249.000	3.9200
RIVIERA 4		290.000	3.1500
RIVIERA 3		283.000	3.1500
2 ADV CT-FT MY		318.000	3.9200
DSM-CONS	DHYDR	595.000	0.0000
CAPE CAN 1		403.000	3.8100
TURKEY POINT 2		400.000	3.8300
TURKEY POINT 1		410.000	3.8300
EVERGLADES 3		390.000	3.8000
EVERGLADES 4		410.000	3.8000
MARTIN 2		816.000	3.8580

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2011

\* LOADING ORDER \*

UNIT NAME	ALT INST	YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
									FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
SANFORD 3				142.000		3.3700							

ECONOM 1	HYDR	210.000	3.5000
EVERGLADES 2		221.000	3.8000
MARTIN 1		824.000	3.8579
DSM-LC	DHYDR	1392.000	0.0000
MANATEE 2		810.000	3.7600
CAPE CAN 2		403.000	3.8100
MANATEE 1		815.000	3.7600
EVERGLADES 1		221.000	3.8000
CUTLER 6		144.000	3.9200
CUTLER 5		71.000	3.9200
PFM 2-4 GT'S		212.000	6.0800
PFM 2-4 GT'S		212.000	6.0800
PFM 2-4 GT'S		212.000	6.0800
PPE 3-2 GT'S		210.000	6.0800
PPE 3-2 GT'S		210.000	6.0800
PFL 3-2 GT'S		210.000	6.0800
PFL 3-2 GT'S		210.000	6.0800
PFL 3-2 GT'S		210.000	6.0800
PFL 3-2 GT'S		210.000	6.0800
TPDIESEL 1-5		12.000	6.0800

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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PLAN    1    YEAR 2012                      \* LOADING ORDER \*

UNIT NAME	ALT INST	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED		PRODUCTION COST	
							FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH	
TURKEY POINT 4	MUST	693.000		0.4464								
TURKEY POINT 3	MUST	693.000		0.4538								
ST LUCIE 1	MUST	839.000		0.4632								
ST LUCIE 2	MUST	714.000		0.4648								
BROWARD SOUTH 2		3.500		1.6100								
BROWARD NORTH 2		11.000		1.6800								
SJRPP 1 (OWN)		254.000		1.6700								

SJRPP 2 (PURCH)		382.000	1.6700
CEDAR BAY		250.000	1.9400
SCHERER 4		658.000	1.8200
MR EXPAN 4x1 PF	2005	27.000	4.0300
MT 4x1 M PF	2005	27.000	4.0300
IND-TOWN		330.000	2.4800
MARTIN 4		474.000	4.0400
PSNREP 4		957.000	4.0400
PSNREP 5		957.000	4.0400
MARTIN 3		474.000	4.0400
PFMREP 1 CT/CC		1473.043	4.0400
MR EXPAN 4x1	2005	984.000	4.0300
MT 4x1 M	2005	984.000	4.0300
CC-(GREENFIELD)	2007	1107.000	4.0300
CC-(GREENFIELD)	2009	1107.000	4.0300
CC-(GREENFIELD)	2010	1107.000	4.0300
CC-(GREENFIELD)	2011	1107.000	4.0300
FT LAUD 5		427.000	4.0400
FT LAUD 4		427.000	4.0400
PUTNAM 1		249.000	4.0400
MR EXPAN 4x1 DF	2005	96.000	4.0300
MT 4x1 M DF	2005	96.000	4.0300
PUTNAM 2		249.000	4.0400
RIVIERA 4		290.000	3.2300
RIVIERA 3		283.000	3.2300
2 ADV CT-FT MY		318.000	4.0400
CAPE CAN 1		403.000	3.9200
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 2		400.000	3.9400
EVERGLADES 3		390.000	3.9000
EVERGLADES 4		410.000	3.9000
TURKEY POINT 1		410.000	3.9400
MARTIN 2		816.000	3.9712

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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ALT

RATED

HEAT

FUEL CAPACITY

VARIABLE

FIXED

00810

UNIT NAME	INST YEAR	LODNG	CAPACITY MW	RATE BTU/KWH	COST \$/MBTU	FACTOR PERCENT	GENERATION GWH	FUEL K\$	O + M K\$	O + M K\$	PRODUCTION COST K\$	COST \$/MWH
SANFORD 3			142.000		3.4600							
EVERGLADES 2			221.000		3.9000							
ECONOM 1		HYDR	210.000		3.5200							
MARTIN 1			824.000		3.9710							
MANATEE 2			810.000		3.8600							
CAPE CAN 2			403.000		3.9200							
DSM-LC		DHYDR	1392.000		0.0000							
MANATEE 1			815.000		3.8600							
EVERGLADES 1			221.000		3.9000							
CUTLER 6			144.000		4.0400							
CUTLER 5			71.000		4.0400							
PFM 2-4 GT'S			212.000		6.2500							
PFM 2-4 GT'S			212.000		6.2500							
PFM 2-4 GT'S			212.000		6.2500							
PPE 3-2 GT'S			210.000		6.2600							
PPE 3-2 GT'S			210.000		6.2600							
PFL 3-2 GT'S			210.000		6.2600							
PFL 3-2 GT'S			210.000		6.2600							
PFL 3-2 GT'S			210.000		6.2600							
TPDIESEL 1-5			12.000		6.2600							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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PLAN 1 YEAR 2013

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	COST \$/MWH
TURKEY POINT 4		MUST	693.000		0.4498							
ST LUCIE 1		MUST	839.000		0.4646							
TURKEY POINT 3		MUST	693.000		0.4569							
ST LUCIE 2		MUST	714.000		0.4696							

00811

BROWARD SOUTH 2

3.500

1.6400

BROWARD NORTH 2

11.000

1.7000

SJRPP 1 (OWN)

254.000

1.7000

SJRPP 2 (PURCH)

382.000

1.7000

CEDAR BAY

250.000

1.9700

SCHERER 4

658.000

1.8500

MR EXPAN 4x1 PF

2005

27.000

4.1500

MT 4x1 M PF

2005

27.000

4.1500

IND-TOWN

330.000

2.5000

MARTIN 4

474.000

4.1600

PSNREP 4

957.000

4.1600

PSNREP 5		957.000	4.1600
MARTIN 3		474.000	4.1600
PFMREP 1 CT/CC		1473.043	4.1600
MR EXPAN 4x1	2005	984.000	4.1500
MT 4x1 M	2005	984.000	4.1500
CC-(GREENFIELD)	2007	1107.000	4.1500
CC-(GREENFIELD)	2009	1107.000	4.1500
CC-(GREENFIELD)	2010	1107.000	4.1500
CC-(GREENFIELD)	2011	1107.000	4.1500
FT LAUD 5		427.000	4.1600
FT LAUD 4		427.000	4.1600
PUTNAM 1		249.000	4.1600
MR EXPAN 4x1 DF	2005	96.000	4.1500
MT 4x1 M DF	2005	96.000	4.1500
PUTNAM 2		249.000	4.1600
RIVIERA 4		290.000	3.3100
RIVIERA 3		283.000	3.3100
2 ADV CT-FT MY		318.000	4.1600
DSM-CONS	DHYDR	595.000	0.0000
CAPE CAN 1		403.000	4.0300
TURKEY POINT 2		400.000	4.0500
EVERGLADES 3		390.000	4.0100
EVERGLADES 4		410.000	4.0100
TURKEY POINT 1		410.000	4.0500
SANFORD 3		142.000	3.5500

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PLAN 1 YEAR 2013

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
MARTIN 2			816.000		4.0843							
EVERGLADES 2			221.000		4.0100							
ECONOM 1		HYDR	210.000		3.5500							
MARTIN 1			824.000		4.0841							
MANATEE 2			810.000		3.9700							



DSM-LC	DHYDR	1392.000	0.0000
CAPE CAN 2		403.000	4.0300
MANATEE 1		815.000	3.9700
EVERGLADES 1		221.000	4.0100
CUTLER 6		144.000	4.1600
CUTLER 5		71.000	4.1600
PFM 2-4 GT'S		212.000	6.4300
PFM 2-4 GT'S		212.000	6.4300
PFM 2-4 GT'S		212.000	6.4300
PPE 3-2 GT'S		210.000	6.4400
PPE 3-2 GT'S		210.000	6.4400
PFL 3-2 GT'S		210.000	6.4400
PFL 3-2 GT'S		210.000	6.4400
PFL 3-2 GT'S		210.000	6.4400
PFL 3-2 GT'S		210.000	6.4400
TPDIESEL 1-5		12.000	6.4400

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PLAN 1 YEAR 2014

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4540							
ST LUCIE 1	MUST		839.000		0.4678							
TURKEY POINT 3	MUST		693.000		0.4629							
ST LUCIE 2	MUST		714.000		0.4786							
BROWARD SOUTH 2			3.500		1.5900							
BROWARD NORTH 2			11.000		1.7300							
SJRPP 1 (OWN)			254.000		1.7300							
SJRPP 2 (PURCH)			382.000		1.7300							
CEDAR BAY			250.000		2.0000							
SCHERER 4			658.000		1.8800							
MR EXPAN 4x1 PF	2005		27.000		4.2800							

00814

MT 4x1 M PF	2005	27.000	4.2800
IND-TOWN		330.000	2.5200
MARTIN 4		474.000	4.2900
PSNREP 4		957.000	4.2900
PSNREP 5		957.000	4.2900
MARTIN 3		474.000	4.2900
PFMREP 1 CT/CC		1473.043	4.2900
MR EXPAN 4x1	2005	984.000	4.2800
MT 4x1 M	2005	984.000	4.2800
CC- (GREENFIELD)	2007	1107.000	4.2800
CC- (GREENFIELD)	2009	1107.000	4.2800
CC- (GREENFIELD)	2010	1107.000	4.2800
CC- (GREENFIELD)	2011	1107.000	4.2800
CC- (GREENFIELD)	2014	1107.000	4.2800
FT LAUD 5		427.000	4.2900
FT LAUD 4		427.000	4.2900
PUTNAM 1		249.000	4.2900
MR EXPAN 4x1 DF	2005	96.000	4.2800
MT 4x1 M DF	2005	96.000	4.2800
PUTNAM 2		249.000	4.2900
RIVIERA 4		290.000	3.3900
DSM-CONS	DHYDR	595.000	0.0000
RIVIERA 3		283.000	3.3900
CAPE CAN 1		403.000	4.1400
2 ADV CT-FT MY		318.000	4.2900
TURKEY POINT 2		400.000	4.1600
EVERGLADES 3		390.000	4.1200
EVERGLADES 4		410.000	4.1200
TURKEY POINT 1		410.000	4.1600

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\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
SANFORD 3			142.000		3.6400							
ECONOM 1		HYDR	210.000		3.5700							

MARTIN 2		816.000	4.2005
EVERGLADES 2		221.000	4.1200
MARTIN 1		824.000	4.2003
DSM-LC	DHYDR	1392.000	0.0000
MANATEE 2		810.000	4.0800
CAPE CAN 2		403.000	4.1400
MANATEE 1		815.000	4.0800
EVERGLADES 1		221.000	4.1200
CUTLER 6		144.000	4.2900
CUTLER 5		71.000	4.2900
PFM 2-4 GT'S		212.000	6.6100
PFM 2-4 GT'S		212.000	6.6100
PFM 2-4 GT'S		212.000	6.6100
PPE 3-2 GT'S		210.000	6.6300
PPE 3-2 GT'S		210.000	6.6300
PFL 3-2 GT'S		210.000	6.6300
PFL 3-2 GT'S		210.000	6.6300
PFL 3-2 GT'S		210.000	6.6300
PFL 3-2 GT'S		210.000	6.6300
TPDIESEL 1-5		12.000	6.6300

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PLAN 1 YEAR 2015

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4610							
ST LUCIE 1	MUST		839.000		0.4748							
TURKEY POINT 3	MUST		693.000		0.4693							
ST LUCIE 2	MUST		714.000		0.4801							
BROWARD SOUTH 2			3.500		1.6100							
BROWARD NORTH 2			11.000		1.7600							
SJRPP 1 (OWN)			254.000		1.7600							

SJRPP 2 (PURCH)		382.000	1.7600
CEDAR BAY		250.000	2.0400
SCHERER 4		658.000	1.9100
MR EXPAN 4x1 PF	2005	27.000	4.4200
MT 4x1 M PF	2005	27.000	4.4200
IND-TOWN		330.000	2.5400
MR EXPAN 4x1	2005	984.000	4.4200
MT 4x1 M	2005	984.000	4.4200
CC- (GREENFIELD)	2007	1107.000	4.4200
CC- (GREENFIELD)	2009	1107.000	4.4200
CC- (GREENFIELD)	2010	1107.000	4.4200
CC- (GREENFIELD)	2011	1107.000	4.4200
CC- (GREENFIELD)	2014	1107.000	4.4200
MARTIN 4		474.000	4.6400
PSNREP 4		957.000	4.6400
PSNREP 5		957.000	4.6400
MARTIN 3		474.000	4.6400
PFMREP 1 CT/CC		1473.043	4.6400
FT LAUD 5		427.000	4.6400
FT LAUD 4		427.000	4.6400
MR EXPAN 4x1 DF	2005	96.000	4.4200
MT 4x1 M DF	2005	96.000	4.4200
PUTNAM 1		249.000	4.6400
PUTNAM 2		249.000	4.6400
RIVIERA 4		290.000	3.4800
RIVIERA 3		283.000	3.4800
DSM-CONS	DHYDR	595.000	0.0000
CAPE CAN 1		403.000	4.2500
TURKEY POINT 2		400.000	4.2700
EVERGLADES 3		390.000	4.2300
TURKEY POINT 1		410.000	4.2700
EVERGLADES 4		410.000	4.2300
SANFORD 3		142.000	3.7400

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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\* LOADING ORDER \*

ALT

RATED

HEAT

FUEL CAPACITY

VARIABLE

FIXED

00817

UNIT NAME	INST YEAR	LODNG	CAPACITY MW	RATE BTU/KWH	COST \$/MBTU	FACTOR PERCENT	GENERATION GWH	FUEL K\$	O + M K\$	O + M K\$	PRODUCTION COST K\$	COST \$/MWH
MARTIN 2			816.000		4.3853							
EVERGLADES 2			221.000		4.2300							
ECONOM 1		HYDR	210.000		3.5900							
2 ADV CT-FT MY			318.000		4.6400							
MANATEE 2			810.000		4.2000							
CAPE CAN 2			403.000		4.2500							
DSM-LC		DHYDR	1392.000		0.0000							
MARTIN 1			824.000		4.3848							
MANATEE 1			815.000		4.2000							
EVERGLADES 1			221.000		4.2300							

CUTLER 6	144.000	4.6400
CUTLER 5	71.000	4.6400
PFM 2-4 GT'S	212.000	6.8000
PFM 2-4 GT'S	212.000	6.8000
PFM 2-4 GT'S	212.000	6.8000
PPE 3-2 GT'S	210.000	6.8300
PPE 3-2 GT'S	210.000	6.8300
PFL 3-2 GT'S	210.000	6.8300
PFL 3-2 GT'S	210.000	6.8300
PFL 3-2 GT'S	210.000	6.8300
PFL 3-2 GT'S	210.000	6.8300
TPDIESEL 1-5	12.000	6.8300

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2016

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4		MUST	693.000		0.4696							
ST LUCIE 1		MUST	839.000		0.4842							
TURKEY POINT 3		MUST	693.000		0.4755							
ST LUCIE 2		MUST	714.000		0.4879							
BROWARD SOUTH 2			3.500		1.5700							
BROWARD NORTH 2			11.000		1.7900							
SJRPP 1 (OWN)			254.000		1.7900							
SJRPP 2 (PURCH)			382.000		1.7900							
CEDAR BAY			250.000		2.0700							
SCHERER 4			658.000		1.9400							
MR EXPAN 4x1 PF	2005		27.000		4.5500							
MT 4x1 M PF	2005		27.000		4.5500							
IND-TOWN			330.000		2.5700							
MR EXPAN 4x1	2005		984.000		4.5500							
MT 4x1 M	2005		984.000		4.5500							

CC- (GREENFIELD)	2007	1107.000	4.5500
CC- (GREENFIELD)	2009	1107.000	4.5500
CC- (GREENFIELD)	2010	1107.000	4.5500
CC- (GREENFIELD)	2011	1107.000	4.5500
CC- (GREENFIELD)	2014	1107.000	4.5500
CC- (GREENFIELD)	2016	1107.000	4.5500
MARTIN 4		474.000	4.8900
PSNREP 4		957.000	4.8900
PSNREP 5		957.000	4.8900
MARTIN 3		474.000	4.8900
PFMREP 1 CT/CC		1473.043	4.8900
FT LAUD 5		427.000	4.8900
FT LAUD 4		427.000	4.8900
MR EXPAN 4x1 DF	2005	96.000	4.5500
MT 4x1 M DF	2005	96.000	4.5500
RIVIERA 4		290.000	3.5600
DSM-CONS	DHYDR	595.000	0.0000
RIVIERA 3		283.000	3.5600
PUTNAM 1		249.000	4.8900
PUTNAM 2		249.000	4.8900
CAPE CAN 1		403.000	4.3700
TURKEY POINT 2		400.000	4.3900
TURKEY POINT 1		410.000	4.3900
EVERGLADES 3		390.000	4.3500
EVERGLADES 4		410.000	4.3500

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
SANFORD 3			142.000		3.8300							
ECONOM 1		HYDR	210.000		3.6200							
EVERGLADES 2			221.000		4.3500							
MANATEE 2			810.000		4.3100							
MARTIN 2			816.000		4.5458							

CAPE CAN 2	403.000	4.3700
DSM-LC	DHYDR 1392.000	0.0000
MANATEE 1	815.000	4.3100
EVERGLADES 1	221.000	4.3500
MARTIN 1	824.000	4.5452
2 ADV CT-FT MY	318.000	4.8900
CUTLER 6	144.000	4.8900
CUTLER 5	71.000	4.8900
PFM 2-4 GT'S	212.000	6.9900
PFM 2-4 GT'S	212.000	6.9900
PFM 2-4 GT'S	212.000	6.9900
PPE 3-2 GT'S	210.000	7.0300
PPE 3-2 GT'S	210.000	7.0300
PFL 3-2 GT'S	210.000	7.0300
PFL 3-2 GT'S	210.000	7.0300
PFL 3-2 GT'S	210.000	7.0300
PFL 3-2 GT'S	210.000	7.0300
TPDIESEL 1-5	12.000	7.0300

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2017

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
							FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST	693.000		0.4742							
TURKEY POINT 3	MUST	693.000		0.4779							
ST LUCIE 1	MUST	839.000		0.4900							
ST LUCIE 2	MUST	714.000		0.4900							
BROWARD SOUTH 2		3.500		1.6000							
BROWARD NORTH 2		11.000		1.8200							
SJRPP 1 (OWN)		254.000		1.8200							
SJRPP 2 (PURCH)		382.000		1.8200							
CEDAR BAY		250.000		2.1100							
SCHERER 4		658.000		1.9700							



IND-TOWN		330.000		2.5900							
MR EXPAN 4x1 PF	2005	27.000		4.6900							
MT 4x1 M PF	2005	27.000		4.6900							
MR EXPAN 4x1	2005	984.000		4.6900							
MT 4x1 M	2005	984.000		4.6900							
CC- (GREENFIELD)	2007	1107.000		4.6900							
CC- (GREENFIELD)	2009	1107.000		4.6900							
CC- (GREENFIELD)	2010	1107.000		4.6900							
CC- (GREENFIELD)	2011	1107.000		4.6900							
CC- (GREENFIELD)	2014	1107.000		4.6900							
CC- (GREENFIELD)	2016	1107.000		4.6900							
MARTIN 4		474.000		5.0400							
PSNREP 4		957.000		5.0400							
PSNREP 5		957.000		5.0400							
MARTIN 3		474.000		5.0400							
PFMREP 1 CT/CC		1473.043		5.0400							
FT LAUD 5		427.000		5.0400							
FT LAUD 4		427.000		5.0400							
MR EXPAN 4x1 DF	2005	96.000		4.6900							
MT 4x1 M DF	2005	96.000		4.6900							
RIVIERA 4		290.000		3.6500							
DSM-CONS	DHYDR	595.000		0.0000							
RIVIERA 3		283.000		3.6500							
PUTNAM 1		249.000		5.0400							
PUTNAM 2		249.000		5.0400							
CAPE CAN 1		403.000		4.4900							
TURKEY POINT 2		400.000		4.5100							
TURKEY POINT 1		410.000		4.5100							
EVERGLADES 3		390.000		4.4700							
EVERGLADES 4		410.000		4.4700							

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2017

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
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SANFORD 3		142.000	3.9300
EVERGLADES 2		221.000	4.4700
ECONOM 1	HYDR	210.000	3.6400
MANATEE 2		810.000	4.4300
MARTIN 2		816.000	4.6751
CAPE CAN 2		403.000	4.4900
DSM-LC	DHYDR	1392.000	0.0000
MANATEE 1		815.000	4.4300
EVERGLADES 1		221.000	4.4700
MARTIN 1		824.000	4.6745
2 ADV CT-FT MY		318.000	5.0400
CUTLER 6		144.000	5.0400
CUTLER 5		71.000	5.0400
PFM 2-4 GT'S		212.000	7.1900
PFM 2-4 GT'S		212.000	7.1900
PFM 2-4 GT'S		212.000	7.1900
PPE 3-2 GT'S		210.000	7.2400
PPE 3-2 GT'S		210.000	7.2400
PFL 3-2 GT'S		210.000	7.2400
PFL 3-2 GT'S		210.000	7.2400
PFL 3-2 GT'S		210.000	7.2400
PFL 3-2 GT'S		210.000	7.2400
TPDIESEL 1-5		12.000	7.2400

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PLAN 1 YEAR 2018

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4813							
ST LUCIE 2	MUST		714.000		0.4936							
TURKEY POINT 3	MUST		693.000		0.4849							
ST LUCIE 1	MUST		839.000		0.4956							
BROWARD SOUTH 2			3.500		1.6200							

BROWARD NORTH 2  
SJRPP 1 (OWN)  
SJRPP 2 (PURCH)  
CEDAR BAY  
SCHERER 4

11.000  
254.000  
382.000  
250.000  
658.000

1.8500  
1.8500  
1.8500  
2.1400  
2.0100

IND-TOWN  
MR EXPAN 4x1 PF  
MT 4x1 M PF  
MR EXPAN 4x1  
MT 4x1 M

2005  
2005  
2005  
2005

330.000  
27.000  
27.000  
984.000  
984.000

2.6100  
4.8400  
4.8400  
4.8400  
4.8400

CC- (GREENFIELD)	2007	1107.000	4.8400
CC- (GREENFIELD)	2009	1107.000	4.8400
CC- (GREENFIELD)	2010	1107.000	4.8400
CC- (GREENFIELD)	2011	1107.000	4.8400
CC- (GREENFIELD)	2014	1107.000	4.8400
CC- (GREENFIELD)	2016	1107.000	4.8400
MARTIN 4		474.000	5.1800
PSNREP 4		957.000	5.1800
PSNREP 5		957.000	5.1800
MARTIN 3		474.000	5.1800
PFMREP 1 CT/CC		1473.043	5.1800
FT LAUD 5		427.000	5.1800
FT LAUD 4		427.000	5.1800
MR EXPAN 4x1 DF	2005	96.000	4.8400
MT 4x1 M DF	2005	96.000	4.8400
RIVIERA 4		290.000	3.7500
RIVIERA 3		283.000	3.7500
PUTNAM 1		249.000	5.1800
DSM-CONS	DHYDR	595.000	0.0000
PUTNAM 2		249.000	5.1800
CAPE CAN 1		403.000	4.6200
TURKEY POINT 2		400.000	4.6400
TURKEY POINT 1		410.000	4.6400
EVERGLADES 3		390.000	4.6000
EVERGLADES 4		410.000	4.6000

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2018

\* LOADING ORDER \*

UNIT NAME	ALT INST	YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
									FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
SANFORD 3				142.000		4.0400							
EVERGLADES 2				221.000		4.6000							
ECONOM 1			HYDR	210.000		3.6600							
MANATEE 2				810.000		4.5600							
MARTIN 2				816.000		4.8082							

CAPE CAN 2		403.000	4.6200
MANATEE 1		815.000	4.5600
DSM-LC	DHYDR	1392.000	0.0000
EVERGLADES 1		221.000	4.6000
MARTIN 1		824.000	4.8076
2 ADV CT-FT MY		318.000	5.1800
CT	2018	159.000	5.5991
CUTLER 6		144.000	5.1800
CUTLER 5		71.000	5.1800
PFM 2-4 GT'S		212.000	7.4000
PFM 2-4 GT'S		212.000	7.4000
PFM 2-4 GT'S		212.000	7.4000
PPE 3-2 GT'S		210.000	7.4500
PPE 3-2 GT'S		210.000	7.4500
PFL 3-2 GT'S		210.000	7.4500
PFL 3-2 GT'S		210.000	7.4500
PFL 3-2 GT'S		210.000	7.4500
PFL 3-2 GT'S		210.000	7.4500
TPDIESEL 1-5		12.000	7.4500

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2019

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4833							
TURKEY POINT 3	MUST		693.000		0.4880							
ST LUCIE 2	MUST		714.000		0.5000							
ST LUCIE 1	MUST		839.000		0.5024							
BROWARD SOUTH 2			3.500		1.6500							
BROWARD NORTH 2			11.000		1.8800							
SJRPP 1 (OWN)			254.000		1.8800							
SJRPP 2 (PURCH)			382.000		1.8800							
CEDAR BAY			250.000		2.1800							

SCHERER 4		658.000	2.0400
IND-TOWN		330.000	2.6300
MR EXPAN 4x1 PF	2005	27.000	4.9900
MT 4x1 M PF	2005	27.000	4.9900
MR EXPAN 4x1	2005	984.000	4.9900
MT 4x1 M	2005	984.000	4.9900
CC- (GREENFIELD)	2007	1107.000	4.9900
CC- (GREENFIELD)	2009	1107.000	4.9900
CC- (GREENFIELD)	2010	1107.000	4.9900
CC- (GREENFIELD)	2011	1107.000	4.9900
CC- (GREENFIELD)	2014	1107.000	4.9900
CC- (GREENFIELD)	2016	1107.000	4.9900
MARTIN 4		474.000	5.3300
PSNREP 4		957.000	5.3300
PSNREP 5		957.000	5.3300
MARTIN 3		474.000	5.3300
PFMREP 1 CT/CC		1473.043	5.3300
FT LAUD 5		427.000	5.3300
FT LAUD 4		427.000	5.3300
MR EXPAN 4x1 DF	2005	96.000	4.9900
MT 4x1 M DF	2005	96.000	4.9900
RIVIERA 4		290.000	3.8300
RIVIERA 3		283.000	3.8300
PUTNAM 1		249.000	5.3300
DSM-CONS	DHYDR	595.000	0.0000
PUTNAM 2		249.000	5.3300
CAPE CAN 1		403.000	4.7400
TURKEY POINT 2		400.000	4.7600
TURKEY POINT 1		410.000	4.7600
EVERGLADES 3		390.000	4.7200
EVERGLADES 4		410.000	4.7200

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST	CAPACITY	RATE	COST	FACTOR		FUEL	O + M	O + M	K\$	\$/MWH
	YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	

SANFORD 3		142.000		4.1300						
EVERGLADES 2		221.000		4.7200						
MANATEE 2		810.000		4.6800						
ECONOM 1	HYDR	210.000		3.6800						
MARTIN 2		816.000		4.9376						
CAPE CAN 2		403.000		4.7400						
MANATEE 1		815.000		4.6800						
EVERGLADES 1		221.000		4.7200						
DSM-LC	DHYDR	1392.000		0.0000						
MARTIN 1		824.000		4.9369						
2 ADV CT-FT MY		318.000		5.3300						
CT	2018	159.000		5.7499						
CT	2019	159.000		5.7499						
CT	2019	159.000		5.7499						
CUTLER 6		144.000		5.3300						
CUTLER 5		71.000		5.3300						
PFM 2-4 GT'S		212.000		7.6000						
PFM 2-4 GT'S		212.000		7.6000						
PFM 2-4 GT'S		212.000		7.6000						
PPE 3-2 GT'S		210.000		7.6600						
PPE 3-2 GT'S		210.000		7.6600						
PFL 3-2 GT'S		210.000		7.6600						
PFL 3-2 GT'S		210.000		7.6600						
PFL 3-2 GT'S		210.000		7.6600						
PFL 3-2 GT'S		210.000		7.6600						
TPDIESEL 1-5		12.000		7.6600						

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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PLAN 1 YEAR 2020

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$ \$/MWH
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

TURKEY POINT 3	MUST	693.000	0.4899
TURKEY POINT 4	MUST	693.000	0.4915
ST LUCIE 2	MUST	714.000	0.5021
ST LUCIE 1	MUST	839.000	0.5102
BROWARD SOUTH 2		3.500	1.6800
BROWARD NORTH 2		11.000	1.9200
SJRPP 1 (OWN)		254.000	1.9100
SJRPP 2 (PURCH)		382.000	1.9100
CEDAR BAY		250.000	2.2100
SCHERER 4		658.000	2.0700
IND-TOWN		330.000	2.6500
MR EXPAN 4x1 PF	2005	27.000	5.1400
MT 4x1 M PF	2005	27.000	5.1400
MR EXPAN 4x1	2005	984.000	5.1400
MT 4x1 M	2005	984.000	5.1400
CC- (GREENFIELD)	2007	1107.000	5.1400
CC- (GREENFIELD)	2009	1107.000	5.1400
CC- (GREENFIELD)	2010	1107.000	5.1400
CC- (GREENFIELD)	2011	1107.000	5.1400
CC- (GREENFIELD)	2014	1107.000	5.1400
CC- (GREENFIELD)	2016	1107.000	5.1400
MARTIN 4		474.000	5.4900
PSNREP 4		957.000	5.4900
PSNREP 5		957.000	5.4900
MARTIN 3		474.000	5.4900
PFMREP 1 CT/CC		1473.043	5.4900
FT LAUD 5		427.000	5.4900
FT LAUD 4		427.000	5.4900
MR EXPAN 4x1 DF	2005	96.000	5.1400
MT 4x1 M DF	2005	96.000	5.1400
RIVIERA 4		290.000	3.9300
RIVIERA 3		283.000	3.9300
PUTNAM 1		249.000	5.4900
PUTNAM 2		249.000	5.4900
DSM-CONS	DHYDR	595.000	0.0000
CAPE CAN 1		403.000	4.8700
TURKEY POINT 2		400.000	4.8900
TURKEY POINT 1		410.000	4.8900
EVERGLADES 3		390.000	4.8500
EVERGLADES 4		410.000	4.8500



PLAN 1 YEAR 2020

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST				
	INST						YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	FUEL
SANFORD 3		142.000		4.2400										
EVERGLADES 2		221.000		4.8500										
MANATEE 2		810.000		4.8100										
ECONOM 1		210.000	HYDR	3.7100										
MARTIN 2		816.000		5.0769										

CAPE CAN 2		403.000		4.8700						
MANATEE 1		815.000		4.8100						
EVERGLADES 1		221.000		4.8500						
MARTIN 1		824.000		5.0762						
DSM-LC	DHYDR	1392.000		0.0000						
2 ADV CT-FT MY		318.000		5.4900						
CT	2018	159.000		5.9047						
CT	2019	159.000		5.9047						
CT	2019	159.000		5.9047						
CT	2020	159.000		5.9047						
CT	2020	159.000		5.9047						
CT	2020	159.000		5.9047						
CUTLER 6		144.000		5.4900						
CUTLER 5		71.000		5.4900						
PFM 2-4 GT'S		212.000		7.8200						
PFM 2-4 GT'S		212.000		7.8200						
PFM 2-4 GT'S		212.000		7.8200						
PPE 3-2 GT'S		210.000		7.8900						
PPE 3-2 GT'S		210.000		7.8900						
PFL 3-2 GT'S		210.000		7.8900						
PFL 3-2 GT'S		210.000		7.8900						
PFL 3-2 GT'S		210.000		7.8900						
PFL 3-2 GT'S		210.000		7.8900						
TPDIESEL 1-5		12.000		7.8900						

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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\* LOADING ORDER \*

UNIT NAME	ALT INST	YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
									FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3			MUST	693.000		0.4919							
ST LUCIE 2			MUST	714.000		0.5043							

TURKEY POINT 4	MUST	693.000	0.4998						
ST LUCIE 1	MUST	839.000	0.5180						
BROWARD SOUTH 2		3.500	1.7000						
BROWARD NORTH 2		11.000	1.9500						
SJRPP 1 (OWN)		254.000	1.9400						
SJRPP 2 (PURCH)		382.000	1.9400						
CEDAR BAY		250.000	2.2500						
SCHERER 4		658.000	2.1100						
IND-TOWN		330.000	2.6800						
MR EXPAN 4x1 PF	2005	27.000	5.3000						
MT 4x1 M PF	2005	27.000	5.3000						
MR EXPAN 4x1	2005	984.000	5.3000						
MT 4x1 M	2005	984.000	5.3000						
CC- (GREENFIELD)	2007	1107.000	5.3000						
CC- (GREENFIELD)	2009	1107.000	5.3000						
CC- (GREENFIELD)	2010	1107.000	5.3000						
CC- (GREENFIELD)	2011	1107.000	5.3000						
CC- (GREENFIELD)	2014	1107.000	5.3000						
CC- (GREENFIELD)	2016	1107.000	5.3000						
MARTIN 4		474.000	5.6500						
PSNREP 4		957.000	5.6500						
PSNREP 5		957.000	5.6500						
MARTIN 3		474.000	5.6500						
PFMREP 1 CT/CC		1473.043	5.6500						
FT LAUD 5		427.000	5.6500						
FT LAUD 4		427.000	5.6500						
MR EXPAN 4x1 DF	2005	96.000	5.3000						
MT 4x1 M DF	2005	96.000	5.3000						
RIVIERA 4		290.000	4.0300						
RIVIERA 3		283.000	4.0300						
PUTNAM 1		249.000	5.6500						
PUTNAM 2		249.000	5.6500						
DSM-CONS	DHYDR	595.000	0.0000						
CAPE CAN 1		403.000	5.0100						
TURKEY POINT 2		400.000	5.0300						
TURKEY POINT 1		410.000	5.0300						
EVERGLADES 3		390.000	4.9900						
EVERGLADES 4		410.000	4.9900						

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PLAN 1 YEAR 2021

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
SANFORD 3			142.000		4.3500							
EVERGLADES 2			221.000		4.9900							
MANATEE 2			810.000		4.9500							
MARTIN 2			816.000		5.2232							
ECONOM 1		HYDR	210.000		3.7300							
CAPE CAN 2			403.000		5.0100							
MANATEE 1			815.000		4.9500							
EVERGLADES 1			221.000		4.9900							
MARTIN 1			824.000		5.2224							
DSM-LC		DHYDR	1392.000		0.0000							
2 ADV CT-FT MY			318.000		5.6500							
CT	2018		159.000		6.0655							
CT	2019		159.000		6.0655							
CT	2019		159.000		6.0655							
CT	2020		159.000		6.0655							
CT	2020		159.000		6.0655							
CT	2020		159.000		6.0655							
CUTLER 6			144.000		5.6500							
CUTLER 5			71.000		5.6500							
PFM 2-4 GT'S			212.000		8.0500							
PFM 2-4 GT'S			212.000		8.0500							
PFM 2-4 GT'S			212.000		8.0500							
PPE 3-2 GT'S			210.000		8.1300							
PPE 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
TPDIESEL 1-5			12.000		8.1300							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

PLAN 1 YEAR 2022

\* LOADING ORDER \*

UNIT NAME	ALT	LODNG	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST		CAPACITY	RATE	COST	FACTOR		FUEL	O + M	O + M	K\$	K\$
	YEAR		MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
TURKEY POINT 3		MUST	693.000		0.4939							
ST LUCIE 2		MUST	714.000		0.5064							
TURKEY POINT 4		MUST	693.000		0.5083							
ST LUCIE 1		MUST	839.000		0.5260							
BROWARD SOUTH 2			3.500		1.7300							
BROWARD NORTH 2			11.000		1.9800							
SJRPP 1 (OWN)			254.000		1.9800							
CEDAR BAY			250.000		2.2900							
SCHERER 4			658.000		2.1400							
IND-TOWN			330.000		2.7000							
MR EXPAN 4x1 PF	2005		27.000		5.4700							
MT 4x1 M PF	2005		27.000		5.4700							
MR EXPAN 4x1	2005		984.000		5.4700							
MT 4x1 M	2005		984.000		5.4700							
CC-(GREENFIELD)	2007		1107.000		5.4700							
CC-(GREENFIELD)	2009		1107.000		5.4700							
CC-(GREENFIELD)	2010		1107.000		5.4700							
CC-(GREENFIELD)	2011		1107.000		5.4700							
CC-(GREENFIELD)	2014		1107.000		5.4700							
CC-(GREENFIELD)	2016		1107.000		5.4700							
MARTIN 4			474.000		6.0100							
PSNREP 4			957.000		6.0100							
PSNREP 5			957.000		6.0100							
MARTIN 3			474.000		6.0100							
PFMREP 1 CT/CC			1473.043		6.0100							
FT LAUD 5			427.000		6.0100							
FT LAUD 4			427.000		6.0100							
MR EXPAN 4x1 DF	2005		96.000		5.4700							
MT 4x1 M DF	2005		96.000		5.4700							
RIVIERA 4			290.000		4.1300							

RIVIERA 3		283.000	4.1300
PUTNAM 1		249.000	6.0100
PUTNAM 2		249.000	6.0100
CAPE CAN 1		403.000	5.1500
TURKEY POINT 2		400.000	5.1700
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	5.1700
EVERGLADES 3		390.000	5.1300
EVERGLADES 4		410.000	5.1300
SANFORD 3		142.000	4.4700

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2022

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
EVERGLADES 2			221.000		5.1300							
MANATEE 2			810.000		5.0900							
CAPE CAN 2			403.000		5.1500							
MANATEE 1			815.000		5.0900							
ECONOM 1		HYDR	210.000		3.7500							
MARTIN 2			816.000		5.4317							
EVERGLADES 1			221.000		5.1300							
MARTIN 1			824.000		5.4307							
2 ADV CT-FT MY CT			318.000		6.0100							
	2018		159.000		6.2307							
CT	2019		159.000		6.2307							
CT	2019		159.000		6.2307							
DSM-LC		DHYDR	1392.000		0.0000							
CT	2020		159.000		6.2307							
CT	2020		159.000		6.2307							
CT	2020		159.000		6.2307							
CT	2020		159.000		6.2307							
CUTLER 6			144.000		6.0100							
CUTLER 5			71.000		6.0100							
PFM 2-4 GT'S			212.000		8.2800							

PFM 2-4 GT'S	212.000	[REDACTED]	8.2800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S	212.000	[REDACTED]	8.2800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S	210.000	[REDACTED]	8.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S	210.000	[REDACTED]	8.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	8.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	8.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	8.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	8.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TPDIESEL 1-5	12.000	[REDACTED]	8.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PLAN 1 YEAR 2023

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST						FUEL	O + M	O + M	K\$	\$/MWH
YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
TURKEY POINT 3	MUST	693.000		0.4959							
ST LUCIE 2	MUST	714.000		0.5086							
TURKEY POINT 4	MUST	693.000		0.5169							
ST LUCIE 1	MUST	839.000		0.5341							
BROWARD SOUTH 2		3.500		1.7600							
BROWARD NORTH 2		11.000		2.0100							
SJRPP 1 (OWN)		254.000		2.0100							
CEDAR BAY		250.000		2.3300							
SCHERER 4		658.000		2.1800							
IND-TOWN		330.000		2.7300							
MR EXPAN 4x1 PF	2005	27.000		5.6400							
MT 4x1 M PF	2005	27.000		5.6400							
MR EXPAN 4x1	2005	984.000		5.6400							
MT 4x1 M	2005	984.000		5.6400							
CC-(GREENFIELD)	2007	1107.000		5.6400							
CC-(GREENFIELD)	2009	1107.000		5.6400							
CC-(GREENFIELD)	2010	1107.000		5.6400							
CC-(GREENFIELD)	2011	1107.000		5.6400							
CC-(GREENFIELD)	2014	1107.000		5.6400							
CC-(GREENFIELD)	2016	1107.000		5.6400							
MARTIN 4		474.000		6.2500							
PSNREP 4		957.000		6.2500							
PSNREP 5		957.000		6.2500							
MARTIN 3		474.000		6.2500							
PFMREP 1 CT/CC		1473.043		6.2500							
FT LAUD 5		427.000		6.2500							
FT LAUD 4		427.000		6.2500							
RIVIERA 4		290.000		4.2300							
RIVIERA 3		283.000		4.2300							
MR EXPAN 4x1 DF	2005	96.000		5.6400							
MT 4x1 M DF	2005	96.000		5.6400							
PUTNAM 1		249.000		6.2500							
PUTNAM 2		249.000		6.2500							
CAPE CAN 1		403.000		5.2900							



DSM-CONS                    DHYDR 595.000                    0.0000                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]

TURKEY POINT 2                    400.000                    5.3200                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]

TURKEY POINT 1                    410.000                    5.3200                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]

EVERGLADES 3                    390.000                    5.2700                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]

EVERGLADES 4                    410.000                    5.2700                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]

SANFORD 3                    142.000                    4.5900                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]                    [REDACTED]

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\* LOADING ORDER \*

PLAN	1	YEAR	2023									
UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
EVERGLADES 2			221.000	[REDACTED]	5.2700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 2			810.000	[REDACTED]	5.2300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 2			403.000	[REDACTED]	5.2900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ECONOM 1		HYDR	210.000	[REDACTED]	3.7800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 1			815.000	[REDACTED]	5.2300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 1			221.000	[REDACTED]	5.2700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2			816.000	[REDACTED]	5.6029	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 1			824.000	[REDACTED]	5.6017	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY CT			318.000	[REDACTED]	6.2500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		2018	159.000	[REDACTED]	6.4022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-LC			DHYDR 1392.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT		2019	159.000	[REDACTED]	6.4022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT		2019	159.000	[REDACTED]	6.4022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT		2020	159.000	[REDACTED]	6.4022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT		2020	159.000	[REDACTED]	6.4022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT		2020	159.000	[REDACTED]	6.4022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT		2020	159.000	[REDACTED]	6.4022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 6			144.000	[REDACTED]	6.2500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 5			71.000	[REDACTED]	6.2500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S			212.000	[REDACTED]	8.5200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S			212.000	[REDACTED]	8.5200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S			212.000	[REDACTED]	8.5200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S			210.000	[REDACTED]	8.6300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S			210.000	[REDACTED]	8.6300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S			210.000	[REDACTED]	8.6300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PFL 3-2 GT'S	210.000		8.6300							
PFL 3-2 GT'S	210.000		8.6300							
PFL 3-2 GT'S	210.000		8.6300							
TPDIESEL 1-5	12.000		8.6300							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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PLAN 1 YEAR 2024

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 3	MUST		693.000		0.4979							
ST LUCIE 2	MUST		714.000		0.5107							
TURKEY POINT 4	MUST		693.000		0.5257							
ST LUCIE 1	MUST		839.000		0.5424							
BROWARD SOUTH 2			3.500		1.7900							
BROWARD NORTH 2			11.000		2.0500							
SJRPP 1 (OWN)			254.000		2.0500							
CEDAR BAY			250.000		2.3700							
SCHERER 4			658.000		2.2100							
IND-TOWN			330.000		2.7500							
MR EXPAN 4x1 PF	2005		27.000		5.8200							
MT 4x1 M PF	2005		27.000		5.8200							
MR EXPAN 4x1	2005		984.000		5.8200							
MT 4x1 M	2005		984.000		5.8200							
CC-(GREENFIELD)	2007		1107.000		5.8200							
CC-(GREENFIELD)	2009		1107.000		5.8200							
CC-(GREENFIELD)	2010		1107.000		5.8200							
CC-(GREENFIELD)	2011		1107.000		5.8200							
CC-(GREENFIELD)	2014		1107.000		5.8200							
CC-(GREENFIELD)	2016		1107.000		5.8200							
MARTIN 4			474.000		6.4300							
PSNREP 4			957.000		6.4300							
PSNREP 5			957.000		6.4300							

MARTIN 3		474.000		6.4300							
PFMREP 1 CT/CC		1473.043		6.4300							
FT LAUD 5		427.000		6.4300							
FT LAUD 4		427.000		6.4300							
RIVIERA 4		290.000		4.3400							
RIVIERA 3		283.000		4.3400							
MR EXPAN 4x1 DF	2005	96.000		5.8200							
MT 4x1 M DF	2005	96.000		5.8200							
PUTNAM 1		249.000		6.4300							
PUTNAM 2		249.000		6.4300							
CAPE CAN 1		403.000		5.4400							
DSM-CONS	DHYDR	595.000		0.0000							
TURKEY POINT 2		400.000		5.4600							
TURKEY POINT 1		410.000		5.4600							
SANFORD 3		142.000		4.7100							
EVERGLADES 3		390.000		5.4200							
EVERGLADES 4		410.000		5.4200							
ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				2/11/ 2		19:55:56	

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PLAN 1 YEAR 2024

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
EVERGLADES 2			221.000		5.4200							
MANATEE 2			810.000		5.3800							
CAPE CAN 2			403.000		5.4400							
ECONOM 1		HYDR	210.000		3.8100							
MANATEE 1			815.000		5.3800							
EVERGLADES 1			221.000		5.4200							
MARTIN 2			816.000		5.7622							
MARTIN 1			824.000		5.7610							
2 ADV CT-FT MY			318.000		6.4300							
DSM-LC		DHYDR	1392.000		0.0000							
CT	2018		159.000		6.5789							
CT	2019		159.000		6.5789							
CT	2019		159.000		6.5789							
CT	2020		159.000		6.5789							

CT	2020	159.000	6.5789
CT	2020	159.000	6.5789
CT	2020	159.000	6.5789
CUTLER 6		144.000	6.4300
CUTLER 5		71.000	6.4300
PFM 2-4 GT'S		212.000	8.7700
PFM 2-4 GT'S		212.000	8.7700
PFM 2-4 GT'S		212.000	8.7700
PPE 3-2 GT'S		210.000	8.8900
PPE 3-2 GT'S		210.000	8.8900
PPE 3-2 GT'S		210.000	8.8900
PFL 3-2 GT'S		210.000	8.8900
PFL 3-2 GT'S		210.000	8.8900
PFL 3-2 GT'S		210.000	8.8900
TPDIESEL 1-5		12.000	8.8900

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PLAN 1 YEAR 2025

\* LOADING ORDER \*

UNIT NAME	ALT INST	YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
									FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3			MUST	693.000		0.4999							
ST LUCIE 2			MUST	714.000		0.5129							
TURKEY POINT 4			MUST	693.000		0.5346							
ST LUCIE 1			MUST	839.000		0.5508							
BROWARD SOUTH 2				3.500		1.8200							
BROWARD NORTH 2				11.000		2.0800							
SJRPP 1 (OWN)				254.000		2.0800							
SCHERER 4				658.000		2.2500							
IND-TOWN				330.000		2.7800							
MR EXPAN 4x1 PF		2005		27.000		6.0000							
MT 4x1 M PF		2005		27.000		6.0000							
MR EXPAN 4x1		2005		984.000		6.0000							

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MT 4x1 M	2005	984.000	6.0000						
CC- (GREENFIELD)	2007	1107.000	6.0000						
CC- (GREENFIELD)	2009	1107.000	6.0000						
CC- (GREENFIELD)	2010	1107.000	6.0000						
CC- (GREENFIELD)	2011	1107.000	6.0000						
CC- (GREENFIELD)	2014	1107.000	6.0000						
CC- (GREENFIELD)	2016	1107.000	6.0000						
MARTIN 4		474.000	6.6100						
PSNREP 4		957.000	6.6100						
PSNREP 5		957.000	6.6100						
MARTIN 3		474.000	6.6100						
PFMREP 1 CT/CC		1473.043	6.6100						
FT LAUD 5		427.000	6.6100						

FT LAUD 4		427.000		6.6100							
RIVIERA 4		290.000		4.4500							
RIVIERA 3		283.000		4.4500							
MR EXPAN 4x1 DF	2005	96.000		6.0000							
MT 4x1 M DF	2005	96.000		6.0000							
PUTNAM 1		249.000		6.6100							
PUTNAM 2		249.000		6.6100							
CAPE CAN 1		403.000		5.6000							
TURKEY POINT 2		400.000		5.6200							
SANFORD 3		142.000		4.8300							
DSM-CONS	DHYDR	595.000		0.0000							
TURKEY POINT 1		410.000		5.6200							
EVERGLADES 3		390.000		5.5700							
EVERGLADES 4		410.000		5.5700							
EVERGLADES 2		221.000		5.5700							

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2025

\* LOADING ORDER \*

UNIT NAME	ALT INST	YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
									FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
MANATEE 2				810.000		5.5300							
CAPE CAN 2				403.000		5.6000							
MANATEE 1				815.000		5.5300							
ECONOM 1			HYDR	210.000		3.8400							
EVERGLADES 1				221.000		5.5700							
MARTIN 2				816.000		5.9284							
MARTIN 1				824.000		5.9272							
2 ADV CT-FT MY				318.000		6.6100							
CT		2018		159.000		6.7624							
CT		2019		159.000		6.7624							
DSM-LC			DHYDR	1392.000		0.0000							
CT		2019		159.000		6.7624							
CT		2020		159.000		6.7624							
CT		2020		159.000		6.7624							
CT		2020		159.000		6.7624							

CT	2020	159.000	6.7624
CUTLER 6		144.000	6.6100
CUTLER 5		71.000	6.6100
PFM 2-4 GT'S		212.000	9.0300
PFM 2-4 GT'S		212.000	9.0300
PFM 2-4 GT'S		212.000	9.0300
PPE 3-2 GT'S		210.000	9.1600
PPE 3-2 GT'S		210.000	9.1600
PFL 3-2 GT'S		210.000	9.1600
PFL 3-2 GT'S		210.000	9.1600
PFL 3-2 GT'S		210.000	9.1600
PFL 3-2 GT'S		210.000	9.1600
TPDIESEL 1-5		12.000	9.1600

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2026

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3		MUST	693.000		0.5019							
ST LUCIE 2		MUST	714.000		0.5151							
TURKEY POINT 4		MUST	693.000		0.5436							
ST LUCIE 1		MUST	839.000		0.5593							
BROWARD SOUTH 2			3.500		1.8500							
BROWARD NORTH 2			11.000		2.1200							
SJRPP 1 (OWN)			254.000		2.1200							
SCHERER 4			658.000		2.2900							
MR EXPAN 4x1 PF	2005		27.000		6.1900							
MT 4x1 M PF	2005		27.000		6.1900							
MR EXPAN 4x1	2005		984.000		6.1900							
MT 4x1 M	2005		984.000		6.1900							
CC-(GREENFIELD)	2007		1107.000		6.1900							
CC-(GREENFIELD)	2009		1107.000		6.1900							
CC-(GREENFIELD)	2010		1107.000		6.1900							

CC- (GREENFIELD)	2011	1107.000	6.1900
CC- (GREENFIELD)	2014	1107.000	6.1900
CC- (GREENFIELD)	2016	1107.000	6.1900
MARTIN 4		474.000	6.8000
PSNREP 4		957.000	6.8000
PSNREP 5		957.000	6.8000
MARTIN 3		474.000	6.8000
PFMREP 1 CT/CC		1473.043	6.8000
FT LAUD 5		427.000	6.8000
FT LAUD 4		427.000	6.8000
RIVIERA 4		290.000	4.5600
RIVIERA 3		283.000	4.5600
MR EXPAN 4x1 DF	2005	96.000	6.1900
MT 4x1 M DF	2005	96.000	6.1900
PUTNAM 1		249.000	6.8000
CAPE CAN 1		403.000	5.7500
PUTNAM 2		249.000	6.8000
SANFORD 3		142.000	4.9600
TURKEY POINT 2		400.000	5.7800
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	5.7800
EVERGLADES 3		390.000	5.7300
EVERGLADES 4		410.000	5.7300
EVERGLADES 2		221.000	5.7300
MANATEE 2		810.000	5.6900

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PLAN 1 YEAR 2026

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
CAPE CAN 2			403.000		5.7500							
MANATEE 1			815.000		5.6900							
EVERGLADES 1			221.000		5.7300							
ECONOM 1		HYDR	210.000		3.8700							
MARTIN 2			816.000		6.0978							



MARTIN 1		824.000	6.0966
2 ADV CT-FT MY		318.000	6.8000
CT	2018	159.000	6.9513
CT	2019	159.000	6.9513
CT	2019	159.000	6.9513
DSM-LC	DHYDR	1392.000	0.0000
CT	2020	159.000	6.9513
CT	2020	159.000	6.9513
CT	2020	159.000	6.9513
CT	2020	159.000	6.9513
CUTLER 6		144.000	6.8000
CUTLER 5		71.000	6.8000
PFM 2-4 GT'S		212.000	9.3000
PFM 2-4 GT'S		212.000	9.3000
PFM 2-4 GT'S		212.000	9.3000
PPE 3-2 GT'S		210.000	9.4400
PPE 3-2 GT'S		210.000	9.4400
PFL 3-2 GT'S		210.000	9.4400
PFL 3-2 GT'S		210.000	9.4400
PFL 3-2 GT'S		210.000	9.4400
PFL 3-2 GT'S		210.000	9.4400
TPDIESEL 1-5		12.000	9.4400

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PLAN 1 YEAR 2027

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3	MUST		693.000		0.5040							
ST LUCIE 2	MUST		714.000		0.5173							
TURKEY POINT 4	MUST		693.000		0.5528							
ST LUCIE 1	MUST		839.000		0.5679							
SJRPP 1 (OWN)			254.000		2.1600							

SCHERER 4		658.000	2.3200
MR EXPAN 4x1 PF	2005	27.000	6.3800
MT 4x1 M PF	2005	27.000	6.3800
MR EXPAN 4x1	2005	984.000	6.3800
MT 4x1 M	2005	984.000	6.3800
CC- (GREENFIELD)	2007	1107.000	6.3800
CC- (GREENFIELD)	2009	1107.000	6.3800
CC- (GREENFIELD)	2010	1107.000	6.3800
CC- (GREENFIELD)	2011	1107.000	6.3800
CC- (GREENFIELD)	2014	1107.000	6.3800
CC- (GREENFIELD)	2016	1107.000	6.3800
MARTIN 4		474.000	7.0000
PSNREP 4		957.000	7.0000
PSNREP 5		957.000	7.0000
MARTIN 3		474.000	7.0000
PFMREP 1 CT/CC		1473.043	7.0000
FT LAUD 5		427.000	7.0000
FT LAUD 4		427.000	7.0000
RIVIERA 4		290.000	4.6800
RIVIERA 3		283.000	4.6800
MR EXPAN 4x1 DF	2005	96.000	6.3800
MT 4x1 M DF	2005	96.000	6.3800
PUTNAM 1		249.000	7.0000
CAPE CAN 1		403.000	5.9200
SANFORD 3		142.000	5.0900
PUTNAM 2		249.000	7.0000
TURKEY POINT 2		400.000	5.9400
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	5.9400
EVERGLADES 3		390.000	5.9000
EVERGLADES 4		410.000	5.9000
EVERGLADES 2		221.000	5.9000
MANATEE 2		810.000	5.8500
CAPE CAN 2		403.000	5.9200
MANATEE 1		815.000	5.8500

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\* LOADING ORDER \*

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UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST						LODNG	CAPACITY	RATE	COST	FACTOR
	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
EVERGLADES 1		221.000		5.9000							
ECONOM 1		210.000		3.9100							
MARTIN 2		816.000		6.2703							
MARTIN 1		824.000		6.2690							
2 ADV CT-FT MY		318.000		7.0000							
CT	2018	159.000		7.1465							
CT	2019	159.000		7.1465							
CT	2019	159.000		7.1465							
CT	2020	159.000		7.1465							
DSM-LC		DHYDR 1392.000		0.0000							

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CT	2020	159.000	7.1465
CT	2020	159.000	7.1465
CT	2020	159.000	7.1465
CUTLER 6		144.000	7.0000
CUTLER 5		71.000	7.0000
PFM 2-4 GT'S		212.000	9.5700
PFM 2-4 GT'S		212.000	9.5700
PFM 2-4 GT'S		212.000	9.5700
PPE 3-2 GT'S		210.000	9.7300
PPE 3-2 GT'S		210.000	9.7300
PFL 3-2 GT'S		210.000	9.7300
PFL 3-2 GT'S		210.000	9.7300
PFL 3-2 GT'S		210.000	9.7300
PFL 3-2 GT'S		210.000	9.7300
TPDIESEL 1-5		12.000	9.7300

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2028

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3		MUST	693.000		0.5060							
ST LUCIE 2		MUST	714.000		0.5195							
TURKEY POINT 4		MUST	693.000		0.5622							
ST LUCIE 1		MUST	839.000		0.5767							
SJRPP 1 (OWN)			254.000		2.1900							
SCHERER 4			658.000		2.3600							
MR EXPAN 4x1 PF	2005		27.000		6.5900							
MT 4x1 M PF	2005		27.000		6.5900							
MR EXPAN 4x1	2005		984.000		6.5900							
MT 4x1 M	2005		984.000		6.5900							
CC- (GREENFIELD)	2007		1107.000		6.5900							
CC- (GREENFIELD)	2009		1107.000		6.5900							

CC- (GREENFIELD)	2010	1107.000	6.5900
CC- (GREENFIELD)	2011	1107.000	6.5900
CC- (GREENFIELD)	2014	1107.000	6.5900
CC- (GREENFIELD)	2016	1107.000	6.5900
MARTIN 4		474.000	7.2000
PSNREP 4		957.000	7.2000
PSNREP 5		957.000	7.2000
MARTIN 3		474.000	7.2000
PFMREP 1 CT/CC		1473.043	7.2000
FT LAUD 5		427.000	7.2000
FT LAUD 4		427.000	7.2000
RIVIERA 4		290.000	4.8000
RIVIERA 3		283.000	4.8000
MR EXPAN 4x1 DF	2005	96.000	6.5900
MT 4x1 M DF	2005	96.000	6.5900
PUTNAM 1		249.000	7.2000
CAPE CAN 1		403.000	6.0900
SANFORD 3		142.000	5.2300
PUTNAM 2		249.000	7.2000
TURKEY POINT 2		400.000	6.1100
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	6.1100
EVERGLADES 3		390.000	6.0600
EVERGLADES 4		410.000	6.0600
EVERGLADES 2		221.000	6.0600
MANATEE 2		810.000	6.0200
CAPE CAN 2		403.000	6.0900
MANATEE 1		815.000	6.0200

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2028

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
EVERGLADES 1			221.000		6.0600							
ECONOM 1		HYDR	210.000		3.9500							
MARTIN 2			816.000		6.4496							

MARTIN 1		824.000	6.4483							
2 ADV CT-FT MY		318.000	7.2000							
CT	2018	159.000	7.3476							
CT	2019	159.000	7.3476							
CT	2019	159.000	7.3476							
DSM-LC		DHYDR 1392.000	0.0000							
CT	2020	159.000	7.3476							
CT	2020	159.000	7.3476							
CT	2020	159.000	7.3476							
CUTLER 6		144.000	7.2000							
CUTLER 5		71.000	7.2000							
PFM 2-4 GT'S		212.000	9.8600							
PFM 2-4 GT'S		212.000	9.8600							
PFM 2-4 GT'S		212.000	9.8600							
PPE 3-2 GT'S		210.000	10.0300							
PPE 3-2 GT'S		210.000	10.0300							
PFL 3-2 GT'S		210.000	10.0300							
PFL 3-2 GT'S		210.000	10.0300							
PFL 3-2 GT'S		210.000	10.0300							
PFL 3-2 GT'S		210.000	10.0300							
TPDIESEL 1-5		12.000	10.0300							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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PLAN 1 YEAR 2029

\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3	MUST		693.000		0.5081							
ST LUCIE 2	MUST		714.000		0.5217							
TURKEY POINT 4	MUST		693.000		0.5717							
ST LUCIE 1	MUST		839.000		0.5856							
SJRPP 1 (OWN)			254.000		2.2300							

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SCHERER 4		658.000	2.4000
MR EXPAN 4x1 PF	2005	27.000	6.7900
MT 4x1 M PF	2005	27.000	6.7900
MR EXPAN 4x1	2005	984.000	6.7900
MT 4x1 M	2005	984.000	6.7900
CC- (GREENFIELD)	2007	1107.000	6.7900
CC- (GREENFIELD)	2009	1107.000	6.7900
CC- (GREENFIELD)	2010	1107.000	6.7900
CC- (GREENFIELD)	2011	1107.000	6.7900
CC- (GREENFIELD)	2014	1107.000	6.7900
CC- (GREENFIELD)	2016	1107.000	6.7900
MARTIN 4		474.000	7.4100
PSNREP 4		957.000	7.4100
PSNREP 5		957.000	7.4100
MARTIN 3		474.000	7.4100
PFMREP 1 CT/CC		1473.043	7.4100
FT LAUD 5		427.000	7.4100
FT LAUD 4		427.000	7.4100
RIVIERA 4		290.000	4.9200
RIVIERA 3		283.000	4.9200
MR EXPAN 4x1 DF	2005	96.000	6.7900
MT 4x1 M DF	2005	96.000	6.7900
CAPE CAN 1		403.000	6.2600
PUTNAM 1		249.000	7.4100
SANFORD 3		142.000	5.3700
TURKEY POINT 2		400.000	6.2800
PUTNAM 2		249.000	7.4100
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	6.2800
EVERGLADES 3		390.000	6.2400
EVERGLADES 4		410.000	6.2400
EVERGLADES 2		221.000	6.2400
MANATEE 2		810.000	6.1900
CAPE CAN 2		403.000	6.2600
MANATEE 1		815.000	6.1900

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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\* LOADING ORDER \*

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UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
EVERGLADES 1			221.000		6.2400							
ECONOM 1		HYDR	210.000		3.9900							
MARTIN 2			816.000		6.6321							
MARTIN 1			824.000		6.6307							
2 ADV CT-FT MY			318.000		7.4100							
CT	2018		159.000		7.5553							
CT	2019		159.000		7.5553							
CT	2019		159.000		7.5553							
CT	2020		159.000		7.5553							
DSM-LC		DHYDR	1392.000		0.0000							
CT	2020		159.000		7.5553							
CT	2020		159.000		7.5553							
CT	2020		159.000		7.5553							
CUTLER 6			144.000		7.4100							
CUTLER 5			71.000		7.4100							
PFM 2-4 GT'S			212.000		10.1500							
PFM 2-4 GT'S			212.000		10.1500							
PFM 2-4 GT'S			212.000		10.1500							
PPE 3-2 GT'S			210.000		10.3400							
PPE 3-2 GT'S			210.000		10.3400							
PFL 3-2 GT'S			210.000		10.3400							
PFL 3-2 GT'S			210.000		10.3400							
PFL 3-2 GT'S			210.000		10.3400							
PFL 3-2 GT'S			210.000		10.3400							
TPDIESEL 1-5			12.000		10.3400							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2030

\* LOADING ORDER \*

ALT INST	RATED CAPACITY	HEAT RATE	FUEL COST	CAPACITY FACTOR	GENERATION	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST
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UNIT NAME	YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
TURKEY POINT 3		MUST	693.000	[REDACTED]	0.5101	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2		MUST	714.000	[REDACTED]	0.5239	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 4		MUST	693.000	[REDACTED]	0.5814	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1		MUST	839.000	[REDACTED]	0.5946	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)			254.000	[REDACTED]	2.2700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4			658.000	[REDACTED]	2.4400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005		27.000	[REDACTED]	7.0100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MT 4x1 M PF	2005		27.000	[REDACTED]	7.0100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005		984.000	[REDACTED]	7.0100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MT 4x1 M	2005		984.000	[REDACTED]	7.0100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

CC- (GREENFIELD)	2007	1107.000	7.0100
CC- (GREENFIELD)	2009	1107.000	7.0100
CC- (GREENFIELD)	2010	1107.000	7.0100
CC- (GREENFIELD)	2011	1107.000	7.0100
CC- (GREENFIELD)	2014	1107.000	7.0100
CC- (GREENFIELD)	2016	1107.000	7.0100
MARTIN 4		474.000	7.6200
PSNREP 4		957.000	7.6200
PSNREP 5		957.000	7.6200
MARTIN 3		474.000	7.6200
PFMREP 1 CT/CC		1473.043	7.6200
FT LAUD 5		427.000	7.6200
FT LAUD 4		427.000	7.6200
RIVIERA 4		290.000	5.0600
RIVIERA 3		283.000	5.0600
MR EXPAN 4x1 DF	2005	96.000	7.0100
MT 4x1 M DF	2005	96.000	7.0100
SANFORD 3		142.000	5.5200
CAPE CAN 1		403.000	6.4500
PUTNAM 1		249.000	7.6200
TURKEY POINT 2		400.000	6.4700
PUTNAM 2		249.000	7.6200
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	6.4700
EVERGLADES 3		390.000	6.4200
EVERGLADES 4		410.000	6.4200
EVERGLADES 2		221.000	6.4200
MANATEE 2		810.000	6.3800
CAPE CAN 2		403.000	6.4500
MANATEE 1		815.000	6.3800

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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\* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH

EVERGLADES 1		221.000	6.4200
ECONOM 1	HYDR	210.000	4.0400
MARTIN 2		816.000	6.8283
MARTIN 1		824.000	6.8269
2 ADV CT-FT MY		318.000	7.6200
CT	2018	159.000	7.7694
CT	2019	159.000	7.7694
CT	2019	159.000	7.7694
CT	2020	159.000	7.7694
CT	2020	159.000	7.7694
CT	2020	159.000	7.7694
DSM-LC	DHYDR	1392.000	0.0000
CT	2020	159.000	7.7694
CUTLER 6		144.000	7.6200
CUTLER 5		71.000	7.6200
PFM 2-4 GT'S		212.000	10.4600
PFM 2-4 GT'S		212.000	10.4600
PFM 2-4 GT'S		212.000	10.4600
PPE 3-2 GT'S		210.000	10.6700
PPE 3-2 GT'S		210.000	10.6700
PFL 3-2 GT'S		210.000	10.6700
PFL 3-2 GT'S		210.000	10.6700
PFL 3-2 GT'S		210.000	10.6700
PFL 3-2 GT'S		210.000	10.6700
TPDIESEL 1-5		12.000	10.6700

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

- EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.

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RELIABILITY - ANNUAL REPORT

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PLAN 1

YEAR	PEAK LOAD MW	ENERGY GWH	RESERVE CAPACITY MW	RESERVE MARGIN PCT.	EMERGENCY CAPACITY MW	---LOSS OF LOAD--- HOURS	PROB.	OPERATING CAPACITY MW	--UNSERVED ENERGY-- GWH	PCT.
2001	18754.0	95684.9	21530.6	15.93	21618.6	0.11	0.000012	21583.1	0.3	0.00
2002	19131.0	99161.8	22871.6	21.11	22959.7	0.01	0.000002	22924.1	0.1	0.00
2003	19765.0	104413.9	23976.6	23.05	24222.2	0.00	0.000000	24186.6	0.0	0.00

2004	20226.0	108041.9	24055.6	20.53	24301.2	0.01	0.000001	24265.6	0.0	0.00
2005	20719.0	111771.9	25304.6	24.05	25550.2	0.00	0.000000	25514.6	0.0	0.00
2006	21186.0	115601.9	25250.6	20.89	25496.2	0.01	0.000001	25460.6	0.0	0.00
2007	21556.0	118156.9	25988.6	22.44	26234.2	0.01	0.000001	26198.6	0.0	0.00
2008	21870.0	120548.9	26067.6	21.01	26313.2	0.02	0.000002	26277.6	0.0	0.00
2009	22271.0	122921.9	27200.0	24.27	27445.6	0.00	0.000001	27410.0	0.0	0.00
2010	22687.0	125447.9	27358.5	22.57	27604.1	0.00	0.000001	27568.5	0.0	0.00
2011	23106.0	127511.9	28422.5	25.17	28668.1	0.00	0.000000	28632.5	0.0	0.00
2012	23495.0	128964.9	28422.5	22.91	28668.1	0.00	0.000000	28632.5	0.0	0.00
2013	23887.0	130433.9	28422.5	20.71	28668.1	0.01	0.000001	28632.5	0.0	0.00
2014	24294.0	132013.9	29529.5	23.47	29775.1	0.00	0.000000	29739.5	0.0	0.00
2015	24696.0	133570.9	29529.5	21.28	29775.1	0.01	0.000001	29739.5	0.0	0.00
2016	25110.0	135222.9	30636.5	23.90	30882.1	0.00	0.000000	30846.5	0.0	0.00
2017	25489.0	136988.9	30636.5	21.90	30882.1	0.00	0.000000	30846.5	0.0	0.00
2018	25890.0	138628.9	30795.5	20.52	31041.1	0.01	0.000001	31005.5	0.0	0.00
2019	26267.0	140152.9	31113.5	19.96	31359.1	0.01	0.000001	31323.5	0.0	0.00
2020	26680.0	141532.9	31749.5	20.53	31995.1	0.00	0.000001	31959.5	0.0	0.00
2021	27100.0	142925.9	31749.5	18.51	31995.1	0.01	0.000001	31959.5	0.0	0.00
2022	27100.0	142925.9	31367.5	16.99	31613.1	0.03	0.000003	31577.5	0.1	0.00
2023	27100.0	142925.9	31367.5	16.99	31613.1	0.03	0.000003	31577.5	0.0	0.00
2024	27100.0	142925.9	31367.5	16.99	31613.1	0.03	0.000003	31577.5	0.0	0.00
2025	27100.0	142925.9	31117.5	16.00	31363.1	0.04	0.000005	31327.5	0.1	0.00
2026	27100.0	142925.9	30787.5	14.68	31033.1	0.08	0.000009	30997.5	0.1	0.00
2027	27100.0	142925.9	30773.0	14.63	31018.6	0.08	0.000010	30983.0	0.1	0.00
2028	27100.0	142925.9	30773.0	14.63	31018.6	0.08	0.000010	30983.0	0.1	0.00
2029	27100.0	142925.9	30773.0	14.63	31018.6	0.08	0.000010	30983.0	0.1	0.00
2030	27100.0	142925.9	30773.0	14.63	31018.6	0.08	0.000010	30983.0	0.2	0.00

NOTE - RESERVE MARGIN: ANNUAL CALCULATION, CAPACITIES NOT DERATED FOR MAINTENANCE. SEE RESERVE REPORT FOR DETAIL.  
 - LOSS OF LOAD: ANNUAL CALCULATION, CAPACITIES NOT DERATED FOR MAINTENANCE.  
 - RESERVE, EMERGENCY AND OPERATING CAPACITIES SHOWN ABOVE ARE NOT DERATED FOR MAINTENANCE.  
 - CAPACITY TOTALS INCLUDE BOTH SUPPLY-SIDE AND DEMAND-SIDE RESOURCES.

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RESERVE - ANNUAL REPORT

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PLAN 1

YEAR	LOADS				RESOURCES				RESERVE MARGIN PCT.
	PEAK LOAD MW	PURCH./SALE CONTRACTS	DEMAND-SIDE MANAGEMENT	NET LOADS MW	CAPACITY MW	RESERVE SHARING	PURCH./SALE CONTRACTS	NET RESOURCES MW	
2001	18754.0	0.0	-1328.0	17426.0	20202.6	0.0	0.0	20202.6	15.93
2002	19131.0	0.0	-1414.0	17717.0	21457.6	0.0	0.0	21457.6	21.11
2003	19765.0	0.0	-1491.0	18274.0	22485.6	0.0	0.0	22485.6	23.05
2004	20226.0	0.0	-1570.0	18656.0	22485.6	0.0	0.0	22485.6	20.53

2005	20719.0	0.0	-1650.0	19069.0	23654.6	0.0	0.0	23654.6	24.05
2006	21186.0	0.0	-1729.0	19457.0	23521.6	0.0	0.0	23521.6	20.89
2007	21556.0	0.0	-1807.0	19749.0	24181.6	0.0	0.0	24181.6	22.44
2008	21870.0	0.0	-1886.0	19984.0	24181.6	0.0	0.0	24181.6	21.01
2009	22271.0	0.0	-1962.0	20309.0	25238.0	0.0	0.0	25238.0	24.27
2010	22687.0	0.0	-1985.0	20702.0	25373.5	0.0	0.0	25373.5	22.57
2011	23106.0	0.0	-1987.0	21119.0	26435.5	0.0	0.0	26435.5	25.17
2012	23495.0	0.0	-1987.0	21508.0	26435.5	0.0	0.0	26435.5	22.91
2013	23887.0	0.0	-1987.0	21900.0	26435.5	0.0	0.0	26435.5	20.71
2014	24294.0	0.0	-1987.0	22307.0	27542.5	0.0	0.0	27542.5	23.47
2015	24696.0	0.0	-1987.0	22709.0	27542.5	0.0	0.0	27542.5	21.28
2016	25110.0	0.0	-1987.0	23123.0	28649.5	0.0	0.0	28649.5	23.90
2017	25489.0	0.0	-1987.0	23502.0	28649.5	0.0	0.0	28649.5	21.90
2018	25890.0	0.0	-1987.0	23903.0	28808.5	0.0	0.0	28808.5	20.52
2019	26267.0	0.0	-1987.0	24280.0	29126.5	0.0	0.0	29126.5	19.96
2020	26680.0	0.0	-1987.0	24693.0	29762.5	0.0	0.0	29762.5	20.53
2021	27100.0	0.0	-1987.0	25113.0	29762.5	0.0	0.0	29762.5	18.51
2022	27100.0	0.0	-1987.0	25113.0	29380.5	0.0	0.0	29380.5	16.99
2023	27100.0	0.0	-1987.0	25113.0	29380.5	0.0	0.0	29380.5	16.99
2024	27100.0	0.0	-1987.0	25113.0	29380.5	0.0	0.0	29380.5	16.99
2025	27100.0	0.0	-1987.0	25113.0	29130.5	0.0	0.0	29130.5	16.00
2026	27100.0	0.0	-1987.0	25113.0	28800.5	0.0	0.0	28800.5	14.68
2027	27100.0	0.0	-1987.0	25113.0	28786.0	0.0	0.0	28786.0	14.63
2028	27100.0	0.0	-1987.0	25113.0	28786.0	0.0	0.0	28786.0	14.63
2029	27100.0	0.0	-1987.0	25113.0	28786.0	0.0	0.0	28786.0	14.63
2030	27100.0	0.0	-1987.0	25113.0	28786.0	0.0	0.0	28786.0	14.63

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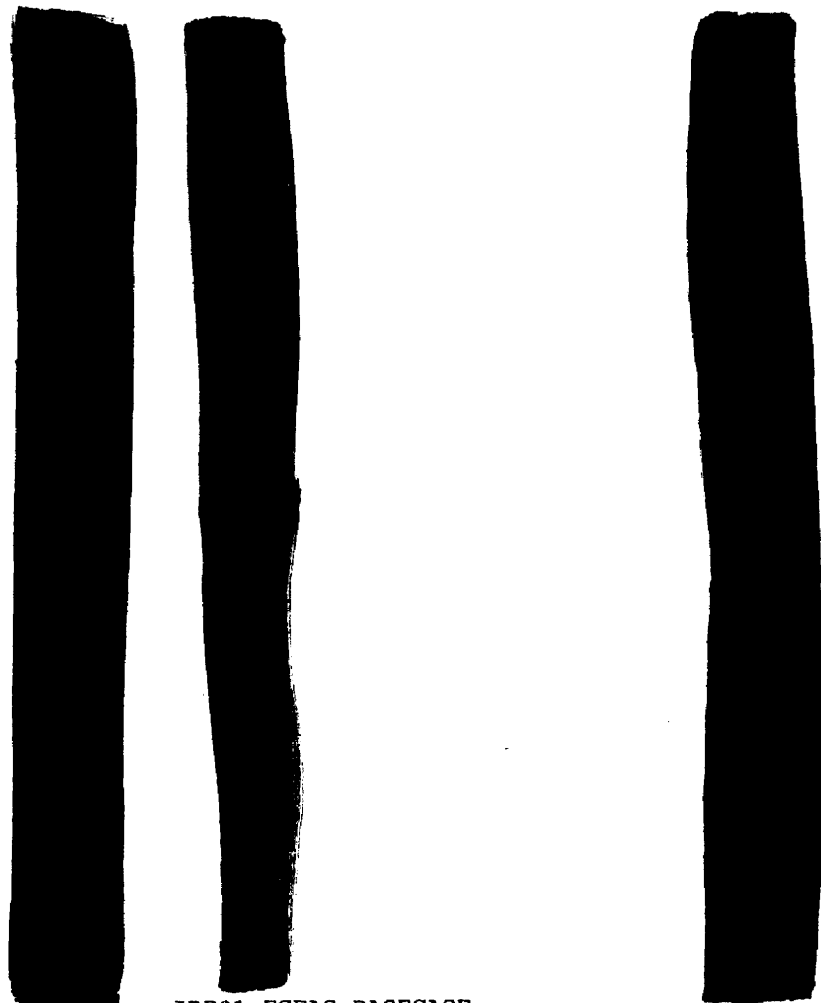
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PLAN 1 YEAR 2001

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1266.000							
DSM-CONS		62.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							

00858

EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
SANFORD 4	381.000
SANFORD 5	391.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
FT MYERS 1	141.000
FT MYERS 2	402.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000



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MAINTENANCE SCHEDULE BY UNIT REPORT

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 PLAN 1 YEAR 2001

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....	.....MAINTENANCE PERIOD 2 .....
				NO. WEEKS START WEEK END WEEK	NO. WEEKS START WEEK END WEEK

---

TPDIESEL 1-5	12.000
SOUCO	928.000
ECONOM 1	52.500
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000
SJRPP 2 (PURCH)	382.000
MARTIN 3	474.000
MARTIN 4	474.000
CEDAR BAY	250.000
IND-TOWN	330.000

PALM BEACH 43.500  
 FLCSTONE 133.000  
 BROWARD NORTH 1 45.000  
 BROWARD NORTH 2 11.000  
 BROWARD SOUTH 1 50.600  
  
 BROWARD SOUTH 2 3.500  
 BIO ENERGY 10.000  
 ROYSTER 9.000  
 2 ADV CT-MART 318.000  
 FPC PURCHASE 50.000  
  
 2 ADV CT-FT MY 318.000  
 PFMREP 1 CT/CC 894.000  
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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2002

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1292.000							
DSM-CONS		122.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							

00861



SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
SOUCO	928.000
ECONOM 1	52.500
SCHERER 4	658.000

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PLAN 1 YEAR 2002

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	..... MAINTENANCE PERIOD 1 .....			.... MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							

00862

BROWARD NORTH 2 . 11.000  
 BROWARD SOUTH 1 50.600  
 BROWARD SOUTH 2 3.500  
 BIO ENERGY 10.000  
 2 ADV CT-MART 318.000  
 FPC PURCHASE 50.000

FIRM PURCHASE 1043.000  
 2 ADV CT-FT MY 318.000  
 PFMREP 1 CT/CC 1473.043  
 PSNREP 5 957.000

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2003

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1308.000							
DSM-CONS		183.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							

PUTNAM 2 249.000  
 MANATEE 1 815.000  
 MANATEE 2 810.000  
 CUTLER 5 71.000  
 CUTLER 6 144.000  
  
 MARTIN 1 824.000  
 MARTIN 2 816.000  
 PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 SOUCO 928.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000



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PLAN 1 YEAR 2003

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	..... MAINTENANCE PERIOD 1 .....			..... MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							



BROWARD SOUTH 2 3.500  
 BIO ENERGY 10.000  
 2 ADV CT-MART 318.000  
 FPC PURCHASE 50.000  
  
 FIRM PURCHASE 894.000  
 LW CC PURCH 220.000  
 2 ADV CT-FT MY 318.000  
 PFMREP 1 CT/CC 1473.043  
 PSNREP 4 957.000  
  
 PSNREP 5 957.000



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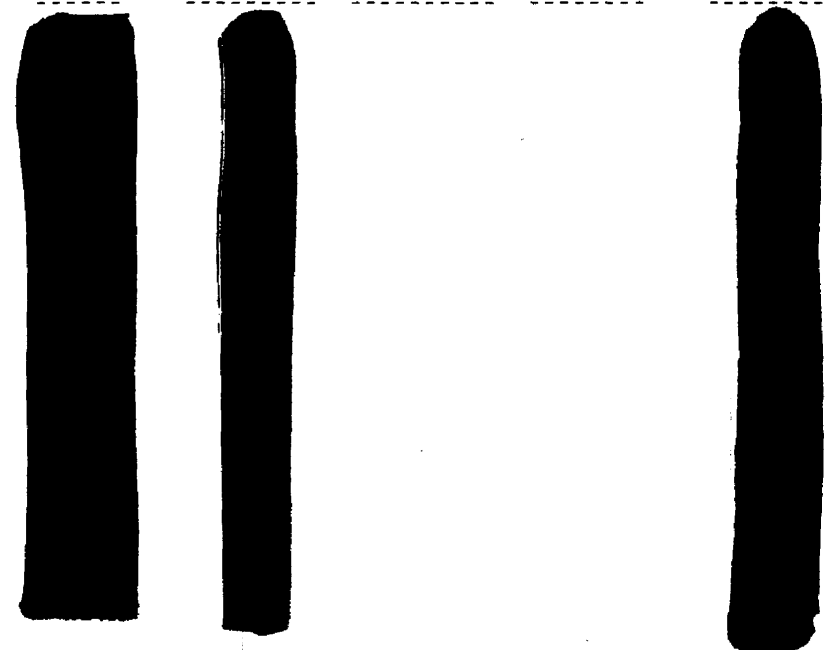
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PLAN 1 YEAR 2004

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1324.000							
DSM-CONS		246.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							



PUTNAM 2	249.000	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 1	815.000	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 2	810.000	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 5	71.000	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 6	144.000	[REDACTED]	[REDACTED]	[REDACTED]

MARTIN 1	824.000	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2	816.000	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S	212.000	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S	212.000	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S	212.000	[REDACTED]	[REDACTED]	[REDACTED]

PFL 3-2 GT'S	210.000	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S	210.000	[REDACTED]	[REDACTED]	[REDACTED]

PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 SOUCO 928.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000

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PLAN 1 YEAR 2004

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1.....			.....MAINTENANCE PERIOD 2.....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
BIO ENERGY		10.000							
2 ADV CT-MART		318.000							
FPC PURCHASE		50.000							
FIRM PURCHASE		894.000							
LW CC PURCH		220.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							

PSNREP 5 957.000

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PLAN 1 YEAR 2005

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1340.000							
DSM-CONS		310.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PPE 3-2 GT'S		210.000							

PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 SOUCO 928.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000

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PLAN 1 YEAR 2005

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
FIRM PURCHASE		447.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							

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PLAN 1 YEAR 2006

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1354.000							
DSM-CONS		375.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							

PFL 3-2 GT'S 210.000  
PPE 3-2 GT'S 210.000  
  
PPE 3-2 GT'S 210.000  
TPDIESEL 1-5 12.000  
SOUCO 928.000  
ECONOM 1 210.000  
SCHERER 4 658.000  
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PLAN 1 YEAR 2006

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
FIRM PURCHASE		447.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							

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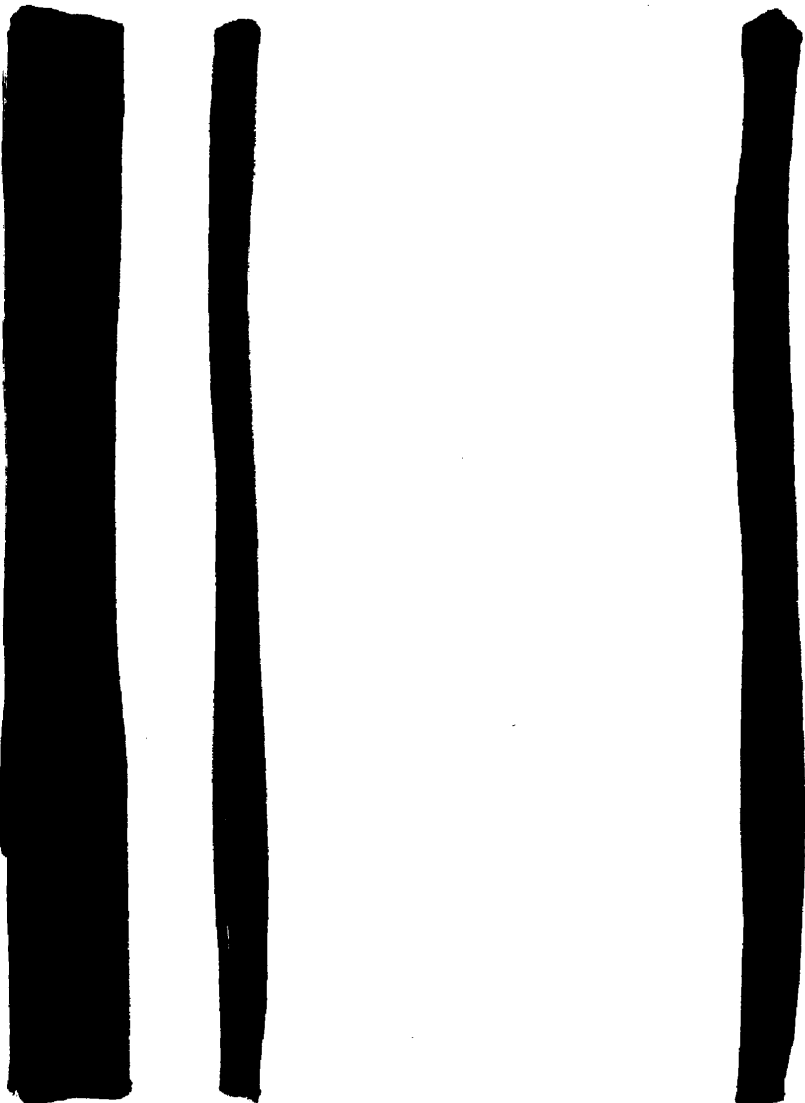
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PLAN 1 YEAR 2007

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1367.000							
DSM-CONS		440.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							

TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
SOUCO	928.000
ECONOM 1	210.000
SCHERER 4	658.000



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PLAN 1 YEAR 2007

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
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PLAN 1 YEAR 2008

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1380.000							
DSM-CONS		506.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							

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TURKEY POINT 3	693.000
TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
SOUCO	928.000
ECONOM 1	210.000
SCHERER 4	658.000



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PLAN 1 YEAR 2008

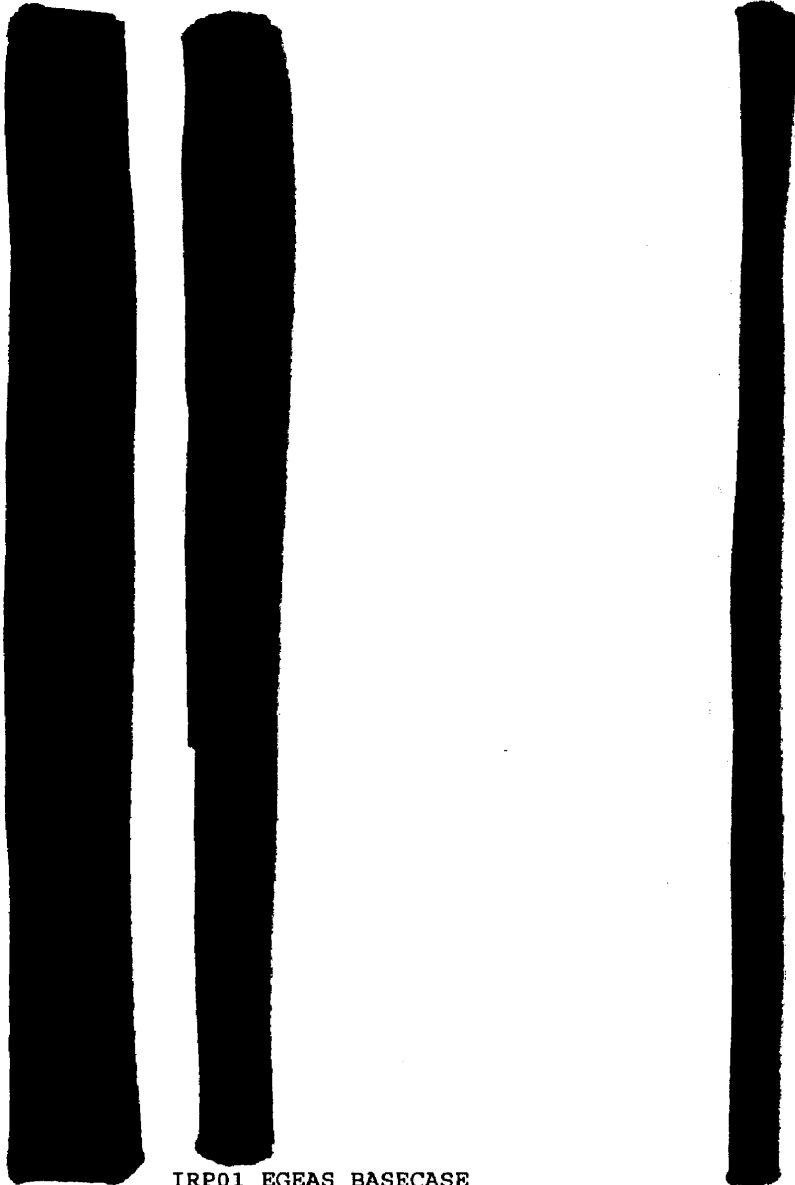
UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
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PLAN 1 YEAR 2009

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1390.000							
DSM-CONS		572.000							
TURKEY POINT 1		410.000							

TURKEY POINT 2	400.000
TURKEY POINT 3	693.000
TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
SOUCO	928.000
ECONOM 1	210.000
SCHERER 4	658.000



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PLAN 1 YEAR 2009

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000	[REDACTED]	[REDACTED]			[REDACTED]		
SJRPP 2 (PURCH)		382.000	[REDACTED]	[REDACTED]			[REDACTED]		
MARTIN 3		474.000	[REDACTED]						
MARTIN 4		474.000	[REDACTED]						
CEDAR BAY		250.000	[REDACTED]						

IND-TOWN 330.000  
 PALM BEACH 43.500  
 BROWARD NORTH 1 45.000  
 BROWARD NORTH 2 11.000  
 BROWARD SOUTH 2 3.500  
  
 2 ADV CT-FT MY 318.000  
 PFMREP 1 CT/CC 1473.043  
 PSNREP 4 957.000  
 PSNREP 5 957.000  
 MR EXPAN 4x1 2005 984.000  
  
 MR EXPAN 4x1 DF 2005 96.000  
 MR EXPAN 4x1 PF 2005 27.000  
 MT 4x1 M 2005 984.000  
 MT 4x1 M DF 2005 96.000  
 MT 4x1 M PF 2005 27.000  
  
 CC- (GREENFIELD) 2007 1107.000  
 CC- (GREENFIELD) 2009 1107.000



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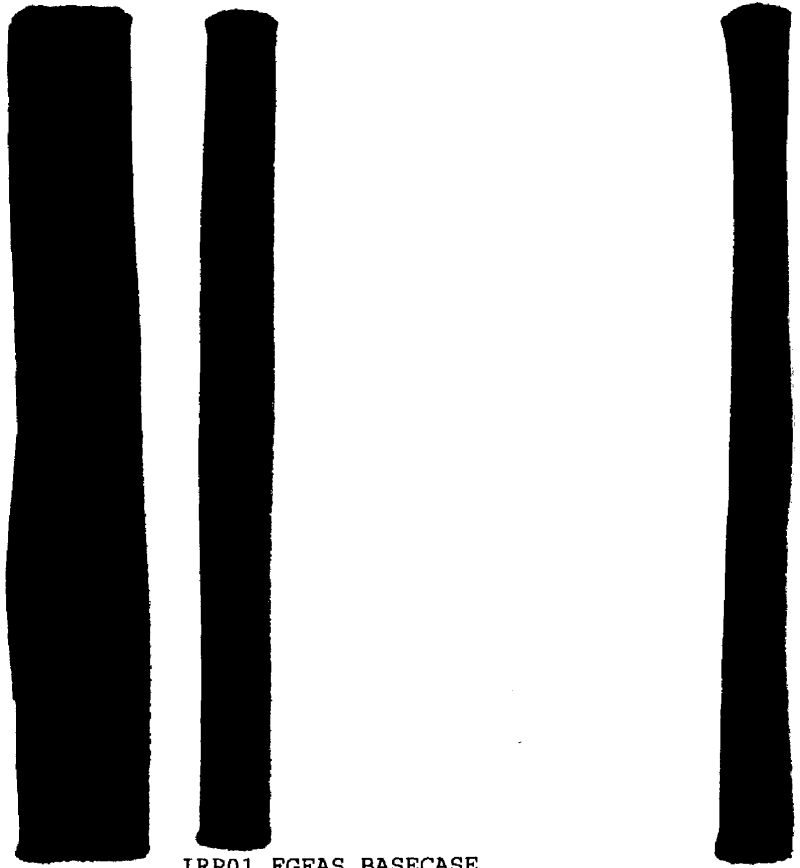
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PLAN 1 YEAR 2010

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1390.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							

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RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000



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PLAN 1 YEAR 2010

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....	.....MAINTENANCE PERIOD 2 .....
				NO. WEEKS START WEEK END WEEK	NO. WEEKS START WEEK END WEEK
-----					
SJRPP 2 (PURCH)		382.000			
MARTIN 3		474.000			
MARTIN 4		474.000			
CEDAR BAY		250.000			

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IND-TOWN 330.000  
 BROWARD NORTH 1 45.000  
 BROWARD NORTH 2 11.000  
 BROWARD SOUTH 2 3.500  
 2 ADV CT-FT MY 318.000  
 PFMREP 1 CT/CC 1473.043  
  
 PSNREP 4 957.000  
 PSNREP 5 957.000  
 MR EXPAN 4x1 2005 984.000  
 MR EXPAN 4x1 DF 2005 96.000  
 MR EXPAN 4x1 PF 2005 27.000  
  
 MT 4x1 M 2005 984.000  
 MT 4x1 M DF 2005 96.000  
 MT 4x1 M PF 2005 27.000  
 CC-(GREENFIELD) 2007 1107.000  
 CC-(GREENFIELD) 2009 1107.000  
  
 CC-(GREENFIELD) 2010 1107.000



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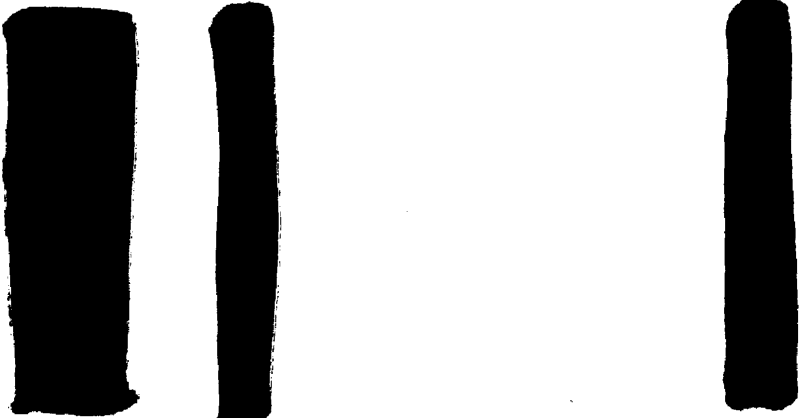
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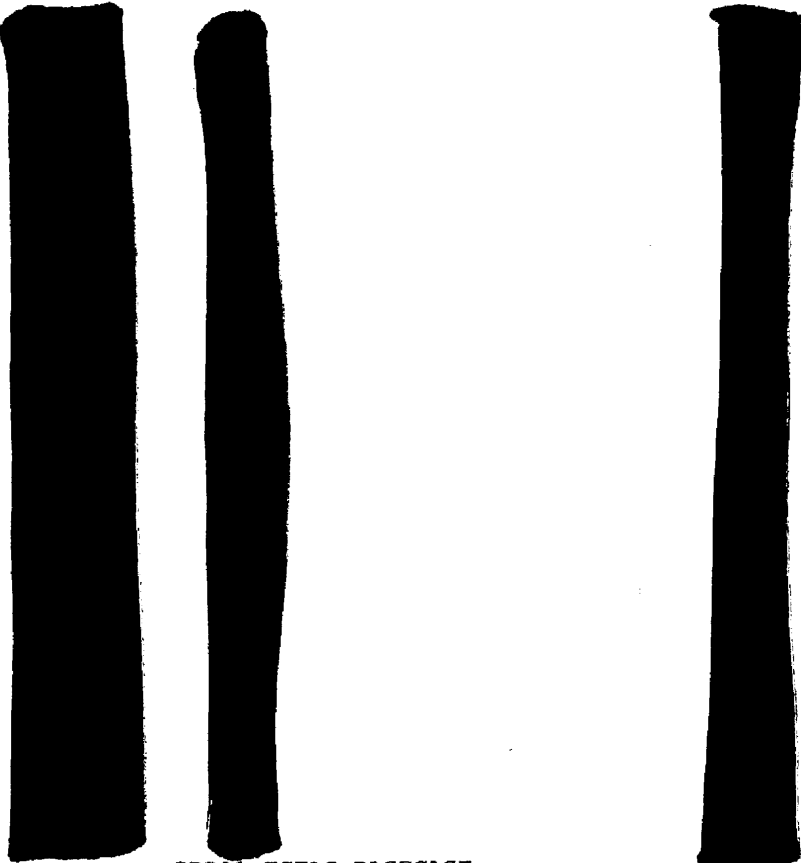
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PLAN 1 YEAR 2011

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							



RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000



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PLAN 1 YEAR 2011

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							

IND-TOWN 330.000  
 BROWARD NORTH 2 11.000  
 BROWARD SOUTH 2 3.500  
 2 ADV CT-FT MY 318.000  
 PFMREP 1 CT/CC 1473.043  
 PSNREP 4 957.000  
 PSNREP 5 957.000  
 MR EXPAN 4x1 2005 984.000  
 MR EXPAN 4x1 DF 2005 96.000  
 MR EXPAN 4x1 PF 2005 27.000  
 MT 4x1 M 2005 984.000  
 MT 4x1 M DF 2005 96.000  
 MT 4x1 M PF 2005 27.000  
 CC-(GREENFIELD) 2007 1107.000  
 CC-(GREENFIELD) 2009 1107.000  
 CC-(GREENFIELD) 2010 1107.000  
 CC-(GREENFIELD) 2011 1107.000  
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PLAN 1 YEAR 2012

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							

00883

RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000

MARTIN 1 824.000  
 MARTIN 2 816.000  
 PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000

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PLAN 1 YEAR 2012

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							

00885



MT 4x1 M DF 2005 96.000  
 MT 4x1 M PF 2005 27.000  
 CC- (GREENFIELD) 2007 1107.000  
 CC- (GREENFIELD) 2009 1107.000  
 CC- (GREENFIELD) 2010 1107.000

CC- (GREENFIELD) 2011 1107.000  
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PLAN 1 YEAR 2013

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							

00886

MARTIN 1 824.000  
 MARTIN 2 816.000  
 PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000

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PLAN 1 YEAR 2013

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							

00887

MT 4x1 M DF 2005 . 96.000  
 MT 4x1 M PF 2005 27.000  
 CC- (GREENFIELD) 2007 1107.000  
 CC- (GREENFIELD) 2009 1107.000  
 CC- (GREENFIELD) 2010 1107.000

CC- (GREENFIELD) 2011 1107.000  
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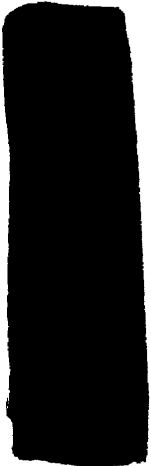
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PLAN 1 YEAR 2014

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							

00888

MARTIN 1 824.000  
MARTIN 2 816.000  
PFM 2-4 GT'S 212.000  
PFM 2-4 GT'S 212.000  
PFM 2-4 GT'S 212.000  
  
PFL 3-2 GT'S 210.000  
PFL 3-2 GT'S 210.000  
PFL 3-2 GT'S 210.000  
PFL 3-2 GT'S 210.000  
PPE 3-2 GT'S 210.000  
  
PPE 3-2 GT'S 210.000  
TPDIESEL 1-5 12.000  
ECONOM 1 210.000  
SCHERER 4 658.000  
SJRPP 1 (OWN) 254.000



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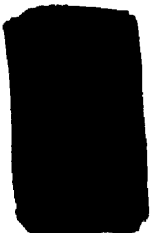
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PLAN 1 YEAR 2014

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							

MT 4x1 M DF	2005	96.000
MT 4x1 M PF	2005	27.000
CC- (GREENFIELD)	2007	1107.000
CC- (GREENFIELD)	2009	1107.000
CC- (GREENFIELD)	2010	1107.000
CC- (GREENFIELD)	2011	1107.000
CC- (GREENFIELD)	2014	1107.000

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PLAN 1 YEAR 2015

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							

PPE 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000



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PLAN 1 YEAR 2015

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							



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PLAN 1 YEAR 2016

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							



PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000

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PLAN 1 YEAR 2016

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							

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PLAN 1 YEAR 2017

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							

PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000



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PLAN 1 YEAR 2017

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2011	1107.000							
CC-(GREENFIELD)	2014	1107.000							
CC-(GREENFIELD)	2016	1107.000							

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2018

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							

TURKEY POINT 1	410.000
TURKEY POINT 2	400.000
TURKEY POINT 3	693.000
TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000

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PLAN 1 YEAR 2018

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2011	1107.000							
CC-(GREENFIELD)	2014	1107.000							
CC-(GREENFIELD)	2016	1107.000							
CT	2018	159.000							

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PLAN 1 YEAR 2019

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK

DSM-LC	1392.000
DSM-CONS	595.000
TURKEY POINT 1	410.000
TURKEY POINT 2	400.000
TURKEY POINT 3	693.000
TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000

PLAN 1 YEAR 2019

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2011	1107.000							
CC-(GREENFIELD)	2014	1107.000							
CC-(GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							

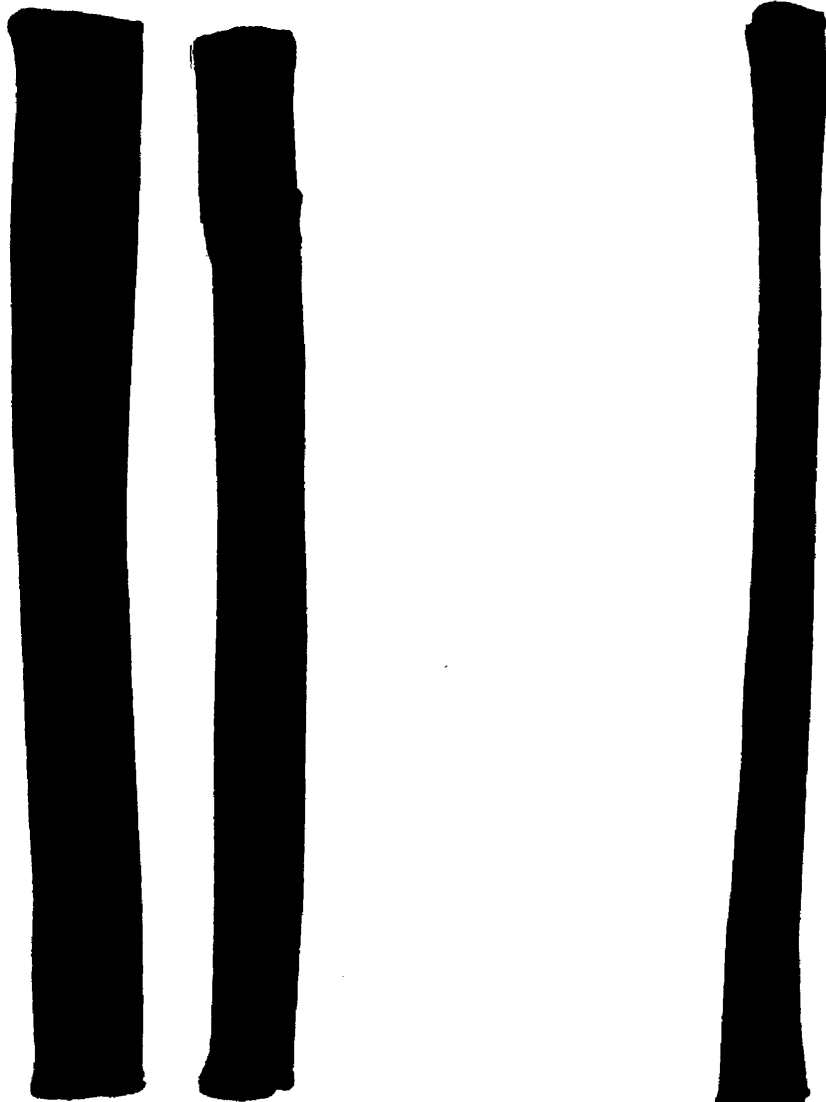
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PLAN 1 YEAR 2020

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							

TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000



00903

PLAN 1 YEAR 2020

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2011	1107.000							
CC-(GREENFIELD)	2014	1107.000							
CC-(GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							

00904

PLAN 1 YEAR 2021

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PPE 3-2 GT'S		210.000							

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PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000

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PLAN 1 YEAR 2021

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							

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CT 2020 159.000  
 CT 2020 159.000  
 CT 2020 159.000  
 CT 2020 159.000



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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2022

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							

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PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000



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PLAN 1 YEAR 2022

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2011	1107.000							
CC-(GREENFIELD)	2014	1107.000							
CC-(GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2023



UNIT NAME	PLAN ALT	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
	INSTALL YEAR			NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PPE 3-2 GT'S		210.000							

PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2023

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							
CT	2020	159.000							

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CT 2020 159.000  
 CT 2020 159.000  
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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2024

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							

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PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000

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MAINTENANCE SCHEDULE BY UNIT REPORT

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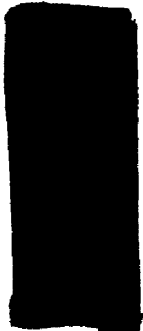
PLAN 1 YEAR 2024

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							

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CC- (GREENFIELD)	2011	1107.000
CC- (GREENFIELD)	2014	1107.000
CC- (GREENFIELD)	2016	1107.000
CT	2018	159.000
CT	2019	159.000
CT	2019	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000



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PLAN 1 YEAR 2025

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							

PPE 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000  
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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2025

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	..... MAINTENANCE PERIOD 1 .....			..... MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							
CT	2020	159.000							

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CT 2020 159.000  
 CT 2020 159.000  
 CT 2020 159.000

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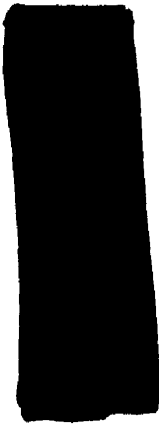
PLAN 1 YEAR 2026

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							

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PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000



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PLAN 1 YEAR 2026

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2011	1107.000							

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CC- (GREENFIELD)	2014	1107.000
CC- (GREENFIELD)	2016	1107.000
CT	2018	159.000
CT	2019	159.000
CT	2019	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000

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PLAN 1 YEAR 2027

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....	.....MAINTENANCE PERIOD 2 .....
				NO. WEEKS START WEEK END WEEK	NO. WEEKS START WEEK END WEEK
DSM-LC		1392.000			
DSM-CONS		595.000			
TURKEY PQINT 1		410.000			
TURKEY POINT 2		400.000			
TURKEY POINT 3		693.000			
TURKEY POINT 4		693.000			
FT LAUD 4		427.000			
FT LAUD 5		427.000			
EVERGLADES 1		221.000			
EVERGLADES 2		221.000			
EVERGLADES 3		390.000			
EVERGLADES 4		410.000			
RIVIERA 3		283.000			
RIVIERA 4		290.000			
ST LUCIE 1		839.000			
ST LUCIE 2		714.000			
CAPE CAN 1		403.000			
CAPE CAN 2		403.000			
SANFORD 3		142.000			
PUTNAM 1		249.000			
PUTNAM 2		249.000			

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MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000



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PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000



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PLAN 1 YEAR 2027

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							

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PLAN 1 YEAR 2028

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							

PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000



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PLAN 1 YEAR 2028

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							
CT	2020	159.000							

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CT 2020 159.000  
 CT 2020 159.000  
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PLAN 1 YEAR 2029

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	..... MAINTENANCE PERIOD 1 .....			..... MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							

00924

PFM 2-4 GT'S 212.000  
 PFM 2-4 GT'S 212.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
 PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000

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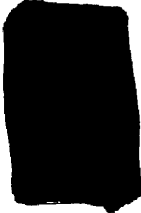
PLAN 1 YEAR 2029

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							
CT	2018	159.000							

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CT	2019	159.000
CT	2019	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000



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PLAN 1 YEAR 2030

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UNIT NAME	PLAN ALT	RATED	FORCED	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
	INSTALL YEAR	CAPACITY MW	OUTAGE RATE	NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PFL 3-2 GT'S		210.000							
PPE 3-2 GT'S		210.000							

PPE 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 ECONOM 1 210.000  
 SCHERER 4 658.000  
 SJRPP 1 (OWN) 254.000  
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PLAN 1 YEAR 2030

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
MT 4x1 M	2005	984.000							
MT 4x1 M DF	2005	96.000							
MT 4x1 M PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2011	1107.000							
CC- (GREENFIELD)	2014	1107.000							
CC- (GREENFIELD)	2016	1107.000							
CT	2018	159.000							
CT	2019	159.000							
CT	2019	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							

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PLAN 1 YEAR 2001

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST K\$	FUEL COST \$/MWH
					TOTAL	NOT USED	MINIMUM	MAXIMUM			
GAS	22647.	7189.	MCF	1000.00	1.62804E+05			3.45655E+05	4.39	714708.	31.56
1%MT	3107.	10501.	BBL	6.39	5.10655E+06				3.69	120408.	38.75
1%TP	3416.	9788.	BBL	6.39	5.23221E+06				3.76	125711.	36.80
1%PE	3566.	10024.	BBL	6.39	5.59442E+06				3.73	133341.	37.39
2%RV	7253.	9924.	BBL	6.38	1.12813E+07				3.31	238236.	32.85
1%CC	2890.	9819.	BBL	6.39	4.44045E+06				3.74	106121.	36.72
1.8S	4460.	10397.	BBL	5.84	7.94006E+06				3.46	160440.	35.97
.5FM	98.	13269.	BBL	5.81	2.24024E+05				6.13	7979.	81.34
.5GT	42.	15833.	BBL	5.81	1.13138E+05				6.09	4003.	96.42
1%MR	862.	10142.	BBL	6.39	1.36810E+06				3.76	32870.	38.14
FPC	428.	10000.	PUR	1.00	4.28064E+06				1.75	7474.	17.46
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.40	23305.	4.39
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.38	22538.	4.25
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.41	29194.	4.45
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.39	23497.	4.21
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.57	104370.	15.70
ECON	40.	10000.	TON	23.00	1.73913E+04				4.15	1660.	41.50
CSH4	5532.	10463.	TON	19.11	3.02908E+06				1.72	99563.	18.00
CSJR	5192.	9762.	TON	24.14	2.09941E+06				1.45	73486.	14.15
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.69	29591.	16.47
QICL	2489.	10000.	COG	24.00	1.03713E+06				2.33	57996.	23.30
QPB	331.	10500.	COG	24.00	1.44643E+05				1.59	5520.	16.69
QFCS	964.	10500.	COG	24.00	4.21910E+05				1.59	16100.	16.69
QBN1	375.	10500.	COG	24.00	1.64037E+05				2.53	9960.	26.56
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.59	1396.	16.69
QBS1	421.	10500.	COG	24.00	1.84394E+05				2.53	11196.	26.56
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.56	436.	16.38
QBIO	74.	9790.	COG	24.00	3.00823E+04				2.53	1827.	24.77
QROY	71.	10500.	COG	24.00	3.09582E+04				1.59	1181.	16.69

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PLAN 1 YEAR 2002

FUEL	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT MBTU/	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST
					TOTAL	NOT USED	MINIMUM	MAXIMUM		



1.8S	124.	11073.	BBL	5.84	2.34575E+05	3.11	4260.	34.44
.5FM	1.	13269.	BBL	5.81	1.21184E+03	5.46	38.	72.45
.5GT	0.	15834.	BBL	5.81	3.83740E+02	5.41	12.	85.66
1%MR	755.	10087.	BBL	6.39	1.19243E+06	3.43	26135.	34.60
.5FL	3723.	7465.	BBL	5.81	4.78405E+06	5.41	150373.	40.39
FPC	428.	10000.	PUR	1.00	4.28064E+06	1.80	7705.	18.00
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.41	24248.	4.57
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.40	23610.	4.45
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.42	29969.	4.57
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.41	24736.	4.43
MIL	6648.	10000.	TON	23.00	2.89032E+06	1.66	110352.	16.60
ECON	8.	10000.	TON	23.00	3.44898E+03	3.70	294.	37.00
CSH4	5541.	10463.	TON	19.11	3.03388E+06	1.94	112476.	20.30
CSJR	5192.	9762.	TON	24.14	2.09941E+06	1.49	75513.	14.55
QCB	1797.	9745.	COG	24.00	7.29555E+05	1.73	30291.	16.86
QICL	1963.	10000.	COG	24.00	8.17793E+05	2.35	46123.	23.50
QPB	331.	10500.	COG	24.00	1.44643E+05	1.59	5520.	16.69
QFCS	964.	10500.	COG	24.00	4.21910E+05	1.59	16100.	16.69
QBN1	241.	10500.	COG	24.00	1.05420E+05	2.70	6831.	28.35
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.59	1396.	16.69
QBS1	268.	10500.	COG	24.00	1.17443E+05	2.70	7610.	28.35
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.57	439.	16.48
QBIO	47.	9790.	COG	24.00	1.93378E+04	2.70	1253.	26.43

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FUEL USAGE - ANNUAL REPORT

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PLAN 1 YEAR 2004

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. BTU/KWH	UNIT RATE OF MASS	HEAT CONTENT MBTU/ MASS UNIT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST K\$	COST \$/MWH
					TOTAL	NOT USED	MINIMUM	MAXIMUM			
GAS	48717.	7259.	MCF	1000.00	3.53650E+05			3.62799E+05	3.39	1198873.	24.61
1%MT	694.	10466.	BBL	6.39	1.13712E+06				3.29	23906.	34.43
1%TP	2925.	9784.	BBL	6.39	4.47912E+06				3.36	96169.	32.87
1%PE	3070.	9945.	BBL	6.39	4.77730E+06				3.32	101349.	33.02
2%RV	2885.	10207.	BBL	6.38	4.61614E+06				2.85	83935.	29.09
1%CC	2075.	9717.	BBL	6.39	3.15530E+06				3.34	67342.	32.46
1.8S	156.	11073.	BBL	5.84	2.94974E+05				3.02	5202.	33.44
.5FM	8.	13269.	BBL	5.81	1.85650E+04				5.34	576.	70.86
.5GT	0.	15834.	BBL	5.81	8.38429E+02				5.29	26.	83.76
1%MR	955.	10074.	BBL	6.39	1.50573E+06				3.36	32329.	33.85
FPC	428.	10000.	PUR	1.00	4.28064E+06				1.82	7812.	18.25
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	24921.	4.69
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.40	23633.	4.45

NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.44	31027.	4.73	
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.42	25455.	4.56	
MIL	6648.	10000.	TON	23.00	2.89032E+06	1.64	109023.	16.40	
ECON	13.	10000.	TON	23.00	5.44956E+03	3.70	464.	37.00	
CSH4	5222.	10463.	TON	19.11	2.85893E+06	1.65	90146.	17.26	
CSJR	5109.	9762.	TON	24.14	2.06588E+06	1.51	75304.	14.74	
QCB	1797.	9745.	COG	24.00	7.29559E+05	1.75	30641.	17.05	
QICL	2077.	10000.	COG	24.00	8.65305E+05	2.37	49219.	23.70	
QPB	331.	10500.	COG	24.00	1.44643E+05	1.61	5589.	16.90	
QFCS	964.	10500.	COG	24.00	4.21910E+05	1.61	16303.	16.90	
QBN1	264.	10500.	COG	24.00	1.15577E+05	2.81	7795.	29.50	
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.61	1413.	16.90	
QBS1	295.	10500.	COG	24.00	1.28989E+05	2.81	8699.	29.50	
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.59	444.	16.69	
QBIO	52.	9790.	COG	24.00	2.11973E+04	2.81	1430.	27.51	
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PLAN 1 YEAR 2005

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT				FUEL COST	TOTAL FUEL COST		
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....			\$/MBTU	K\$	\$/MWH	
					TOTAL	NOT USED	MINIMUM	MAXIMUM			
GAS	44353.	7104.	MCF	1000.00	3.15088E+05			3.62799E+05	3.41	1074450.	24.22
1%MT	376.	10456.	BBL	6.39	6.15350E+05				3.28	12897.	34.30
1%TP	1662.	9781.	BBL	6.39	2.54413E+06				3.36	54624.	32.86
1%PE	1616.	9952.	BBL	6.39	2.51698E+06				3.32	53397.	33.04
2%RV	2040.	10208.	BBL	6.38	3.26324E+06				2.82	58711.	28.79
1%CC	1385.	9674.	BBL	6.39	2.09709E+06				3.34	44757.	32.31
1.8S	115.	11073.	BBL	5.84	2.17572E+05				2.99	3799.	33.11
.5FM	0.	13269.	BBL	5.81	8.12402E+02				5.32	25.	70.59
.5GT	0.	15834.	BBL	5.81	2.63022E+02				5.28	8.	83.60
1%MR	734.	10075.	BBL	6.39	1.15767E+06				3.35	24782.	33.75
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	25331.	4.77
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	25179.	4.74
GAS4	13776.	6967.	MCF	1000.00	9.59716E+04				3.41	327263.	23.76
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.45	31688.	4.83
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.43	25969.	4.65
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.66	110352.	16.60
ECON	125.	10000.	TON	23.00	5.43478E+04				3.50	4375.	35.00
CSH4	4902.	10463.	TON	19.11	2.68390E+06				1.67	85653.	17.47
CSJR	4986.	9762.	TON	24.14	2.01620E+06				1.54	74954.	15.03
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.79	31342.	17.44
QICL	1668.	10000.	COG	24.00	6.94827E+05				2.39	39855.	23.90
QPB	331.	10500.	COG	24.00	1.44643E+05				1.64	5693.	17.22
QFCS	964.	10500.	COG	24.00	4.21910E+05				1.64	16606.	17.22
QBN1	377.	10500.	COG	24.00	1.65110E+05				2.00	7925.	21.00
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.64	1440.	17.22
QBS1	424.	10500.	COG	24.00	1.85637E+05				2.00	8911.	21.00
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.61	450.	16.90
ELECTRIC POWER RESEARCH INSTITUTE					IRP01 EGEAS BASECASE				2/11/ 2	19:55:56	

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PLAN 1 YEAR 2006

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT				FUEL COST	TOTAL FUEL COST		
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....			\$/MBTU	K\$	\$/MWH	
					TOTAL	NOT USED	MINIMUM	MAXIMUM			
GAS	45531.	7146.	MCF	1000.00	3.25370E+05			3.55506E+05	3.45	1122528.	24.65
1%MT	629.	10460.	BBL	6.39	1.02982E+06				3.31	21781.	34.62



1%TP	2396.	9784.	BBL	6.39	3.66919E+06	3.38	79248.	33.07
1%PE	1769.	9960.	BBL	6.39	2.75699E+06	3.35	59018.	33.37
2%RV	2442.	10208.	BBL	6.38	3.90680E+06	2.81	70040.	28.68
1%CC	1571.	9681.	BBL	6.39	2.37982E+06	3.37	51248.	32.63
1.8S	148.	11073.	BBL	5.84	2.80634E+05	3.00	4917.	33.22
.5FM	1.	13269.	BBL	5.81	2.10106E+03	5.35	65.	70.99
.5GT	0.	15834.	BBL	5.81	7.38350E+02	5.32	23.	84.24
1%MR	928.	10078.	BBL	6.39	1.46308E+06	3.38	31600.	34.06
NUCL	5309.	11027.	NUC	1.00	5.85410E+07	0.44	25957.	4.89
NUCL	5309.	11027.	NUC	1.00	5.85410E+07	0.44	25506.	4.80
GAS4	14433.	6976.	MCF	1000.00	1.00686E+05	3.45	347365.	24.07
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.45	31808.	4.85
NUCL	5584.	10826.	NUC	1.00	6.04483E+07	0.44	26815.	4.80
MIL	6648.	10000.	TON	23.00	2.89032E+06	1.69	112347.	16.90
ECON	125.	10000.	TON	23.00	5.43478E+04	3.40	4250.	34.00
CSH4	5541.	10463.	TON	19.11	3.03397E+06	1.69	97985.	17.68
CSJR	5109.	9762.	TON	24.14	2.06588E+06	1.54	76800.	15.03
QCB	1797.	9745.	COG	24.00	7.29529E+05	1.79	31341.	17.44
QICL	1774.	10000.	COG	24.00	7.39293E+05	2.39	42406.	23.90
QPB	331.	10500.	COG	24.00	1.44643E+05	1.59	5520.	16.69
QBN1	377.	10500.	COG	24.00	1.65102E+05	2.04	8083.	21.42
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.59	1396.	16.69
QBS1	424.	10500.	COG	24.00	1.85657E+05	2.04	9090.	21.42
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.47	411.	15.43

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PLAN 1 YEAR 2007

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	43588.	7041.	MCF	1000.00	3.06886E+05			3.19040E+05	3.50	1074101.	24.64
1%MT	310.	10465.	BBL	6.39	5.07506E+05				3.39	10994.	35.48
1%TP	1628.	9782.	BBL	6.39	2.49195E+06				3.47	55255.	33.95
1%PE	1819.	9956.	BBL	6.39	2.83488E+06				3.43	62134.	34.15
2%RV	1911.	10208.	BBL	6.38	3.05686E+06				2.87	55973.	29.30
1%CC	1200.	9694.	BBL	6.39	1.82013E+06				3.45	40126.	33.44
1.8S	153.	11073.	BBL	5.84	2.89691E+05				3.07	5194.	33.99
.5FM	1.	13269.	BBL	5.81	1.74543E+03				5.49	56.	72.85
.5GT	0.	15834.	BBL	5.81	6.34379E+02				5.46	20.	86.45
1%MR	1111.	10129.	BBL	6.39	1.76154E+06				3.46	38947.	35.05
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.42	24546.	4.62
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.42	24318.	4.58

GAS4	20616.	6973.	MCF	1000.00	1.43760E+05				3.49	501721.	24.34
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.42	30097.	4.59
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.43	26090.	4.67
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.73	115006.	17.30
ECON	125.	10000.	TON	23.00	5.43478E+04				3.42	4275.	34.20
CSH4	5328.	10463.	TON	19.11	2.91728E+06				1.72	95888.	18.00
CSJR	5192.	9762.	TON	24.14	2.09941E+06				1.56	79060.	15.23
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.81	31692.	17.64
QICL	1816.	10000.	COG	24.00	7.56500E+05				2.40	43574.	24.00
QPB	331.	10500.	COG	24.00	1.44643E+05				1.61	5589.	16.90
QBN1	377.	10500.	COG	24.00	1.65110E+05				2.09	8282.	21.94
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.61	1413.	16.90
QBS1	424.	10500.	COG	24.00	1.85657E+05				2.09	9313.	21.94
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.49	416.	15.64
ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				2/11/ 2		19:55:56	

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PLAN 1 YEAR 2008

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	43980.	7065.	MCF	1000.00	3.10697E+05			3.19040E+05	3.59	1115403.	25.36
1%MT	461.	10472.	BBL	6.39	7.55883E+05				3.48	16809.	36.44
1%TP	1878.	9784.	BBL	6.39	2.87569E+06				3.55	65234.	34.73
1%PE	2108.	9961.	BBL	6.39	3.28524E+06				3.51	73684.	34.96
2%RV	2098.	10208.	BBL	6.38	3.35588E+06				2.94	62947.	30.01
1%CC	1348.	9702.	BBL	6.39	2.04714E+06				3.53	46177.	34.25
1.8S	178.	11073.	BBL	5.84	3.38310E+05				3.13	6184.	34.66
.5FM	1.	13269.	BBL	5.81	3.08399E+03				5.62	101.	74.57
.5GT	0.	15834.	BBL	5.81	1.15396E+03				5.60	38.	88.67
1%MR	1381.	10129.	BBL	6.39	2.18907E+06				3.55	49658.	35.96
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.42	24810.	4.67
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.42	24716.	4.66
GAS4	20871.	6980.	MCF	1000.00	1.45679E+05				3.58	521530.	24.99
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.43	30693.	4.68
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.43	26120.	4.68
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.77	117665.	17.70
ECON	125.	10000.	TON	23.00	5.43478E+04				3.44	4300.	34.40
CSH4	5328.	10463.	TON	19.11	2.91728E+06				1.72	95888.	18.00
CSJR	4799.	9762.	TON	24.14	1.94079E+06				1.57	73555.	15.33
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.82	31867.	17.74
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.41	60285.	24.10
QPB	331.	10500.	COG	24.00	1.44643E+05				1.57	5450.	16.48

QBN1	377.	10500.	COG	24.00	1.65110E+05				2.14	8480.	22.47
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.57	1378.	16.48
QBS1	424.	10500.	COG	24.00	1.85657E+05				2.14	9535.	22.47
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.52	425.	15.96
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PLAN 1 YEAR 2009

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWHR	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH	
GAS	42540.	7013.	MCF	1000.00	2.98319E+05			3.19040E+05	3.69	1100797.	25.88	
1%MT	157.	10446.	BBL	6.39	2.57151E+05				3.56	5850.	37.19	
1%TP	1464.	9782.	BBL	6.39	2.24083E+06				3.64	52121.	35.61	
1%PE	1553.	9954.	BBL	6.39	2.41893E+06				3.60	55645.	35.83	
2%RV	1735.	10208.	BBL	6.38	2.77599E+06				3.00	53132.	30.62	
1%CC	1040.	9670.	BBL	6.39	1.57354E+06				3.62	36399.	35.01	
1.8S	117.	11073.	BBL	5.84	2.22222E+05				3.21	4166.	35.54	
.5FM	0.	13269.	BBL	5.81	8.14312E+02				5.76	27.	76.43	
.5GT	0.	15834.	BBL	5.81	2.94151E+02				5.75	10.	91.05	
1%MR	869.	10107.	BBL	6.39	1.37454E+06				3.64	31971.	36.79	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.44	25659.	4.83	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	24945.	4.70	
GAS4	26891.	6978.	MCF	1000.00	1.87638E+05				3.69	692384.	25.75	
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.44	31318.	4.77	
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.45	26985.	4.83	
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.79	118995.	17.90	
ECON	125.	10000.	TON	23.00	5.43478E+04				3.46	4325.	34.60	
CSH4	5541.	10463.	TON	19.11	3.03397E+06				1.74	100884.	18.21	
CSJR	5192.	9762.	TON	24.14	2.09941E+06				1.59	80581.	15.52	
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.85	32392.	18.03	
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.43	60785.	24.30	
QPB	331.	10500.	COG	24.00	1.44643E+05				1.60	5554.	16.80	
QBN1	377.	10500.	COG	24.00	1.65110E+05				2.19	8678.	22.99	
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.60	1405.	16.80	
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.59	444.	16.69	
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PLAN 1 YEAR 2010

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	43344.	7019.	MCF	1000.00		3.04210E+05			3.19040E+05	3.80	1155997.	26.67
1%MT	305.	10463.	BBL	6.39		4.99404E+05				3.66	11680.	38.30
1%TP	1486.	9782.	BBL	6.39		2.27506E+06				3.73	54225.	36.49
1%PE	1565.	9960.	BBL	6.39		2.43983E+06				3.69	57529.	36.75
2%RV	1705.	10208.	BBL	6.38		2.72761E+06				3.07	53425.	31.34
1%CC	1033.	9700.	BBL	6.39		1.56808E+06				3.71	37174.	35.99
1.8S	127.	11073.	BBL	5.84		2.41677E+05				3.29	4643.	36.43
.5FM	1.	13269.	BBL	5.81		1.65105E+03				5.92	57.	78.55
.5GT	0.	15834.	BBL	5.81		6.21520E+02				5.91	21.	93.58
1%MR	905.	10096.	BBL	6.39		1.42925E+06				3.73	34066.	37.66
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.44	26022.	4.90
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.43	25325.	4.77
GAS4	35670.	6983.	MCF	1000.00		2.49092E+05				3.79	944057.	26.47
NUCL	6561.	10826.	NUC	1.00		7.10328E+07				0.44	31496.	4.80
NUCL	5584.	10826.	NUC	1.00		6.04498E+07				0.45	27287.	4.89
ECON	125.	10000.	TON	23.00		5.43478E+04				3.48	4350.	34.80
CSH4	5222.	10463.	TON	19.11		2.85893E+06				1.77	96702.	18.52
CSJR	5109.	9762.	TON	24.14		2.06588E+06				1.62	80790.	15.81
QCB	1797.	9745.	COG	24.00		7.29559E+05				1.88	32918.	18.32
QICL	2501.	10000.	COG	24.00		1.04227E+06				2.44	61035.	24.40
QBN1	377.	10500.	COG	24.00		1.65110E+05				2.24	8876.	23.52
QBN2	84.	10500.	COG	24.00		3.65765E+04				1.62	1422.	17.01
QBS2	27.	10500.	COG	24.00		1.16380E+04				1.64	458.	17.22

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PLAN 1 YEAR 2011

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	42118.	6966.	MCF	1000.00		2.93384E+05			3.19040E+05	3.92	1150065.	27.31
1%MT	109.	10446.	BBL	6.39		1.78115E+05				3.76	4279.	39.28
1%TP	1171.	9788.	BBL	6.39		1.79368E+06				3.83	43898.	37.49
1%PE	997.	9957.	BBL	6.39		1.55376E+06				3.80	37728.	37.84
2%RV	1390.	10208.	BBL	6.38		2.22466E+06				3.15	44709.	32.15
1%CC	718.	9655.	BBL	6.39		1.08490E+06				3.81	26413.	36.78
1.8S	80.	11073.	BBL	5.84		1.51733E+05				3.37	2986.	37.32
.5FM	0.	13269.	BBL	5.81		4.11398E+02				6.08	15.	80.68
.5GT	0.	15834.	BBL	5.81		1.45538E+02				6.08	5.	96.27

1%MR	604.	10111.	BBL	6.39	9.56247E+05		3.83	23403.	38.73
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.44	25869.	4.87
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.44	25729.	4.85
GAS4	40992.	6981.	MCF	1000.00	2.86175E+05		3.91	1118944.	27.30
NUCL	6561.	10826.	NUC	1.00	7.10328E+07		0.45	31993.	4.88
NUCL	5584.	10826.	NUC	1.00	6.04498E+07		0.45	27299.	4.89
ECON	125.	10000.	TON	23.00	5.43478E+04		3.50	4375.	35.00
CSH4	5541.	10463.	TON	19.11	3.03397E+06		1.79	103783.	18.73
CSJR	5192.	9762.	TON	24.14	2.09941E+06		1.64	83115.	16.01
QCB	1797.	9745.	COG	24.00	7.29559E+05		1.91	33443.	18.61
QICL	2501.	10000.	COG	24.00	1.04227E+06		2.46	61536.	24.60
QBN2	84.	10500.	COG	24.00	3.65765E+04		1.65	1448.	17.32
QBS2	27.	10500.	COG	24.00	1.16380E+04		1.59	444.	16.69

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PLAN 1 YEAR 2012

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	42148.	6986.	MCF	1000.00		2.94461E+05			3.19040E+05	4.04	1189621.	28.22
1%MT	145.	10456.	BBL	6.39		2.37733E+05				3.86	5864.	40.36
1%TP	1251.	9784.	BBL	6.39		1.91592E+06				3.94	48236.	38.55
1%PE	1296.	9959.	BBL	6.39		2.02025E+06				3.90	50347.	38.84
2%RV	1353.	10208.	BBL	6.38		2.16469E+06				3.23	44609.	32.97
1%CC	974.	9682.	BBL	6.39		1.47560E+06				3.92	36962.	37.95
1.8S	101.	11073.	BBL	5.84		1.91153E+05				3.46	3863.	38.31
.5FM	1.	13269.	BBL	5.81		1.22192E+03				6.25	44.	82.93
.5GT	0.	15834.	BBL	5.81		4.87490E+02				6.26	18.	99.12
1%MR	792.	10108.	BBL	6.39		1.25309E+06				3.94	31549.	39.82
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.45	26566.	5.00
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.45	26133.	4.92
GAS4	42036.	6983.	MCF	1000.00		2.93531E+05				4.03	1182930.	28.14
NUCL	6561.	10826.	NUC	1.00		7.10328E+07				0.46	32902.	15.01
NUCL	5584.	10826.	NUC	1.00		6.04498E+07				0.46	28097.	5.03
ECON	125.	10000.	TON	23.00		5.43478E+04				3.52	4400.	35.20
CSH4	5222.	10463.	TON	19.11		2.85893E+06				1.82	99434.	19.04
CSJR	5047.	9762.	TON	24.14		2.04086E+06				1.67	82275.	16.30
QCB	1797.	9745.	COG	24.00		7.29559E+05				1.94	33968.	18.91
QICL	2501.	10000.	COG	24.00		1.04227E+06				2.48	62036.	24.80
QBN2	84.	10500.	COG	24.00		3.65765E+04				1.68	1475.	17.64
QBS2	27.	10500.	COG	24.00		1.16380E+04				1.61	450.	16.90

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PLAN 1 YEAR 2013

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	42956.	6984.	MCF	1000.00		3.00020E+05			3.19040E+05	4.16	1248082.	29.05
1%MT	179.	10446.	BBL	6.39		2.91908E+05				3.97	7405.	41.47
1%TP	1181.	9783.	BBL	6.39		1.80848E+06				4.05	46803.	39.62
1%PE	1359.	9956.	BBL	6.39		2.11775E+06				4.01	54265.	39.93
2%RV	1545.	10208.	BBL	6.38		2.47245E+06				3.31	52213.	33.79
1%CC	885.	9682.	BBL	6.39		1.34151E+06				4.03	34546.	39.02
1.8S	159.	11073.	BBL	5.84		3.00662E+05				3.55	6233.	39.31

.5FM	1.	13269.	BBL	5.81	1.53345E+03	6.43	57.	85.32	
.5GT	0.	15834.	BBL	5.81	6.09987E+02	6.44	23.	101.97	
1%MR	746.	10120.	BBL	6.39	1.18188E+06	4.05	30587.	40.99	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.46	26748.	5.04	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.45	26332.	4.96	
GAS4	42090.	6983.	MCF	1000.00	2.93926E+05	4.15	1219794.	28.98	
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.46	33002.	5.03	
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.47	28387.	5.08	
ECON	125.	10000.	TON	23.00	5.43478E+04	3.55	4437.	35.50	
CSH4	5541.	10463.	TON	19.11	3.03397E+06	1.85	107261.	19.36	
CSJR	5192.	9762.	TON	24.14	2.09941E+06	1.70	86155.	16.60	
QCB	1797.	9745.	COG	24.00	7.29559E+05	1.97	34494.	19.20	
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.50	62536.	25.00	
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.70	1492.	17.85	
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.64	458.	17.22	
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PLAN 1 YEAR 2014

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST K\$	FUEL COST \$/MWH
					TOTAL	NOT USED	MINIMUM	MAXIMUM			
GAS	41287.	6935.	MCF	1000.00	2.86319E+05			3.19040E+05	4.29	1228309.	29.75
1%MT	65.	10447.	BBL	6.39	1.06804E+05				4.08	2785.	42.62
1%TP	938.	9783.	BBL	6.39	1.43646E+06				4.16	38185.	40.70
1%PE	990.	9944.	BBL	6.39	1.54080E+06				4.12	40564.	40.97
2%RV	1252.	10208.	BBL	6.38	2.00381E+06				3.39	43339.	34.60
1%CC	709.	9654.	BBL	6.39	1.07131E+06				4.14	28341.	39.97
1.8S	111.	11073.	BBL	5.84	2.10853E+05				3.64	4482.	40.31
.5FM	0.	13269.	BBL	5.81	3.83295E+02				6.61	15.	87.71
.5GT	0.	15834.	BBL	5.81	1.46344E+02				6.63	6.	104.98
1%MR	442.	10102.	BBL	6.39	6.99468E+05				4.16	18594.	42.02
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.46	27099.	5.10
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.45	26578.	5.01
GAS4	47289.	6983.	MCF	1000.00	3.30195E+05				4.28	1413234.	29.89
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.47	33229.	5.06
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.48	28931.	5.18
ECON	125.	10000.	TON	23.00	5.43478E+04				3.57	4462.	35.70
CSH4	5222.	10463.	TON	19.11	2.85893E+06				1.88	102712.	19.67
CSJR	5109.	9762.	TON	24.14	2.06588E+06				1.73	86275.	16.89
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.00	35019.	19.49
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.52	63036.	25.20
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.73	1519.	18.16

QBS2 27. 10500. COG 24.00 1.16380E+04 1.59 444. 16.69  
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PLAN 1 YEAR 2015

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	28030.	6974.	MCF	1000.00	1.95465E+05			3.19040E+05	4.64	906959.	32.36
1%MT	247.	10445.	BBL	6.39	4.03332E+05				4.20	10825.	43.87
1%TP	1190.	9786.	BBL	6.39	1.82231E+06				4.27	49722.	41.79
1%PE	1215.	9960.	BBL	6.39	1.89312E+06				4.23	51171.	42.13
2%RV	1303.	10208.	BBL	6.38	2.08424E+06				3.48	46275.	35.52
1%CC	890.	9712.	BBL	6.39	1.35191E+06				4.25	36714.	41.28
1.8S	152.	11073.	BBL	5.84	2.88539E+05				3.74	6302.	41.41
.5FM	0.	13269.	BBL	5.81	8.59572E+02				6.80	34.	90.23
.5GT	0.	15834.	BBL	5.81	3.51352E+02				6.83	14.	108.15
1%MR	550.	10051.	BBL	6.39	8.64843E+05				4.27	23597.	42.92
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.47	27474.	5.17
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.46	26988.	5.08
GAS4	61509.	6991.	MCF	1000.00	4.29978E+05				4.42	1900502.	30.90
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.47	33726.	5.14
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.48	29022.	5.20
ECON	125.	10000.	TON	23.00	5.43478E+04				3.59	4487.	35.90
CSH4	4902.	10463.	TON	19.11	2.68390E+06				1.91	97962.	19.98
CSJR	4986.	9762.	TON	24.14	2.01623E+06				1.76	85662.	17.18
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.04	35719.	19.88
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.54	63537.	25.40
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.76	1545.	18.48
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.61	450.	16.90

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PLAN 1 YEAR 2016

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	22992.	6902.	MCF	1000.00	1.58685E+05			3.19040E+05	4.89	775967.	33.75
1%MT	328.	10447.	BBL	6.39	5.35464E+05				4.31	14747.	45.03



1%TP	986.	9786.	BBL	6.39	1.51013E+06	4.39	42362.	42.96
1%PE	839.	9974.	BBL	6.39	1.30957E+06	4.35	36401.	43.39
2%RV	1152.	10208.	BBL	6.38	1.84385E+06	3.56	41879.	36.34
1%CC	613.	9696.	BBL	6.39	9.30897E+05	4.37	25995.	42.37
1.8S	99.	11073.	BBL	5.84	1.86811E+05	3.83	4178.	42.41
.5FM	0.	13269.	BBL	5.81	2.33504E+02	6.99	9.	92.75
.5GT	0.	15834.	BBL	5.81	8.91529E+01	7.03	4.	111.32
1%MR	117.	10028.	BBL	6.39	1.83761E+05	4.39	5155.	44.02
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.48	27836.	5.24
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.47	27491.	5.18
GAS4	68848.	6991.	MCF	1000.00	4.81320E+05	4.55	2190002.	31.81
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.48	34394.	5.24
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.49	29493.	5.28
ECON	125.	10000.	TON	23.00	5.43478E+04	3.62	4525.	36.20
CSH4	5541.	10463.	TON	19.11	3.03397E+06	1.94	112479.	20.30
CSJR	5109.	9762.	TON	24.14	2.06588E+06	1.79	89268.	17.47
QCB	1797.	9745.	COG	24.00	7.29559E+05	2.07	36244.	20.17
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.57	64287.	25.70
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.79	1571.	18.79
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.57	439.	16.48

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FUEL USAGE - ANNUAL REPORT

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PLAN 1 YEAR 2017

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	24060.	6908.	MCF	1000.00	1.66209E+05			3.19040E+05	5.04	837695.	34.82
1%MT	461.	10461.	BBL	6.39	7.54522E+05				4.43	21359.	46.34
1%TP	1043.	9786.	BBL	6.39	1.59745E+06				4.51	46037.	44.13
1%PE	915.	9977.	BBL	6.39	1.42806E+06				4.47	40790.	44.60
2%RV	1248.	10208.	BBL	6.38	1.99625E+06				3.65	46487.	37.26
1%CC	705.	9718.	BBL	6.39	1.07172E+06				4.49	30749.	43.63
1.8S	115.	11073.	BBL	5.84	2.17467E+05				3.93	4991.	43.52
.5FM	0.	13269.	BBL	5.81	4.82451E+02				7.19	20.	95.40
.5GT	0.	15835.	BBL	5.81	1.96083E+02				7.24	8.	114.64
1%MR	156.	10029.	BBL	6.39	2.45526E+05				4.51	7076.	45.23
NUCL	5309.	11027.	NUC	1.00	5.85410E+07				0.48	27977.	5.27
NUCL	5309.	11027.	NUC	1.00	5.85410E+07				0.47	27760.	5.23
GAS4	69168.	6992.	MCF	1000.00	4.83603E+05				4.69	2268096.	32.79
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.49	34806.	5.30
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.49	29620.	5.30
ECON	125.	10000.	TON	23.00	5.43478E+04				3.64	4550.	36.40

CSH4	5328.	10463.	TON	19.11	2.91728E+06				1.97	109826.	20.61
CSJR	5192.	9762.	TON	24.14	2.09939E+06				1.82	92236.	17.77
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.11	36945.	20.56
QICL	2501.	10000.	COG	24.00	1.04224E+06				2.59	64786.	25.90
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.82	1598.	19.11
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.60	447.	16.80
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PLAN 1 YEAR 2018

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	24970.	6918.	MCF	1000.00	1.72754E+05			3.19040E+05	5.18	894866.	35.84
1%MT	631.	10467.	BBL	6.39	1.03302E+06				4.56	30100.	47.73
1%TP	1147.	9786.	BBL	6.39	1.75684E+06				4.64	52090.	45.41
1%PE	1065.	9987.	BBL	6.39	1.66436E+06				4.60	48922.	45.94
2%RV	1346.	10208.	BBL	6.38	2.15406E+06				3.75	51536.	38.28
1%CC	780.	9731.	BBL	6.39	1.18814E+06				4.62	35076.	44.96
1.8S	133.	11073.	BBL	5.84	2.52868E+05				4.04	5966.	44.73
.5FM	0.	13269.	BBL	5.81	7.80106E+02				7.40	34.	98.19
.5GT	0.	15835.	BBL	5.81	3.39296E+02				7.45	15.	117.97
1%MR	218.	10030.	BBL	6.39	3.42297E+05				4.64	10149.	46.54
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.48	28387.	5.35
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.48	28176.	5.31
GAS4	69611.	6993.	MCF	1000.00	4.86771E+05				4.84	2355971.	33.84
GAS4	0.	10450.	MCF	1000.00	2.51716E+00				5.60	14.	58.51
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.50	35204.	5.37
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.49	29838.	5.34
ECON	125.	10000.	TON	23.00	5.43478E+04				3.66	4575.	36.60
CSH4	5328.	10463.	TON	19.11	2.91728E+06				2.01	112056.	21.03
CSJR	4799.	9762.	TON	24.14	1.94079E+06				1.85	86674.	18.06
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.14	37470.	20.85
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.61	65288.	26.10
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.85	1624.	19.42
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.62	452.	17.01
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PLAN 1 YEAR 2019

FUEL TYPE	ENERGY	AVERAGE	UNIT	HEAT CONTENT				FUEL CONSUMPTION, MASS UNITS.....		FUEL	TOTAL FUEL COST	
	GENERATED GWH	HT. RATE BTU/KWH	OF MASS	MBTU/ MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	COST \$/MBTU	K\$	\$/MWH	
GAS	25386.	6929.	MCF	1000.00	1.75907E+05			3.19040E+05	5.33	937582.	36.93	
1%MT	693.	10469.	BBL	6.39	1.13566E+06				4.68	33962.	48.99	
1%TP	1217.	9786.	BBL	6.39	1.86410E+06				4.76	56699.	46.58	
1%PE	1168.	9993.	BBL	6.39	1.82651E+06				4.72	55089.	47.17	
2%RV	1414.	10208.	BBL	6.38	2.26172E+06				3.83	55266.	39.10	
1%CC	816.	9737.	BBL	6.39	1.24346E+06				4.74	37663.	46.15	
1.8S	140.	11073.	BBL	5.84	2.65970E+05				4.13	6415.	45.73	
.5FM	0.	13269.	BBL	5.81	8.15096E+02				7.60	36.	100.84	
.5GT	0.	15835.	BBL	5.81	3.59567E+02				7.66	16.	121.29	
1%MR	259.	10042.	BBL	6.39	4.06971E+05				4.76	12379.	47.80	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.49	28568.	5.38	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.48	28293.	5.33	
GAS4	69726.	6993.	MCF	1000.00	4.87602E+05				4.99	2433132.	34.90	
GAS4	1.	10450.	MCF	1000.00	1.01825E+01				5.75	59.	60.09	
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.50	35687.	5.44	
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.50	30225.	5.41	
ECON	125.	10000.	TON	23.00	5.43478E+04				3.68	4600.	36.80	



FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	26526.	6948.	MCF	1000.00	1.84317E+05			3.19040E+05	5.65	1041392.	39.26
1%MT	1075.	10481.	BBL	6.39	1.76300E+06				4.95	55764.	51.88
1%TP	1301.	9788.	BBL	6.39	1.99227E+06				5.03	64035.	49.23
1%PE	1360.	10009.	BBL	6.39	2.13073E+06				4.99	67941.	49.95
2%RV	1476.	10208.	BBL	6.38	2.36193E+06				4.03	60728.	41.14
1%CC	1051.	9779.	BBL	6.39	1.60795E+06				5.01	51477.	48.99
1.8S	151.	11073.	BBL	5.84	2.86243E+05				4.35	7272.	48.17
.5FM	1.	13269.	BBL	5.81	1.51756E+03				8.05	71.	106.82
.5GT	0.	15835.	BBL	5.81	7.07360E+02				8.13	33.	128.74
1%MR	457.	10081.	BBL	6.39	7.20506E+05				5.03	23158.	50.71
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.49	28797.	5.42
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.50	29259.	5.51
GAS4	70190.	6994.	MCF	1000.00	4.90921E+05				5.30	2601882.	37.07
GAS4	7.	10450.	MCF	1000.00	7.25217E+01				6.07	440.	63.38
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.52	36795.	5.61
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.50	30485.	5.46
ECON	125.	10000.	TON	23.00	5.43478E+04				3.73	4662.	37.30
CSH4	5541.	10463.	TON	19.11	3.03397E+06				2.11	122336.	22.08
CSJR	5192.	9762.	TON	24.14	2.09941E+06				1.94	98319.	18.94
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.25	39396.	21.93
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.68	67039.	26.80
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.95	1712.	20.47
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.70	475.	17.85

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	27954.	6957.	MCF	1000.00	1.94469E+05			3.19040E+05	6.01	1168757.	41.81
1%MT	1393.	10511.	BBL	6.39	2.29093E+06				5.09	74513.	53.50
1%TP	1669.	9785.	BBL	6.39	2.55622E+06				5.17	84448.	50.59
1%PE	1561.	10018.	BBL	6.39	2.44715E+06				5.13	80219.	51.39
2%RV	1483.	10208.	BBL	6.38	2.37224E+06				4.13	62507.	42.16
1%CC	1356.	9824.	BBL	6.39	2.08415E+06				5.15	68586.	50.59
1.8S	186.	11073.	BBL	5.84	3.53458E+05				4.47	9227.	49.50
.5FM	2.	13269.	BBL	5.81	3.67409E+03				8.28	177.	109.87
.5GT	1.	15835.	BBL	5.81	1.84195E+03				8.37	90.	132.54

1%MR	423.	10115.	BBL	6.39	6.70040E+05	5.17	22136.	52.30
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.49	28914.	5.45
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.51	29757.	5.61
GAS4	70884.	6996.	MCF	1000.00	4.95900E+05	5.47	2712571.	38.27
GAS4	55.	10450.	MCF	1000.00	5.79219E+02	6.23	3609.	65.11
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.53	37363.	5.69
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.51	30612.	5.48
ECON	125.	10000.	TON	23.00	5.43478E+04	3.75	4687.	37.50
CSH4	5222.	10463.	TON	19.11	2.85893E+06	2.14	116917.	22.39
CSJR	2139.	9762.	TON	24.14	8.65017E+05	1.98	41345.	19.33
QCB	1797.	9745.	COG	24.00	7.29559E+05	2.29	40097.	22.32
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.70	67539.	27.00
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.98	1738.	20.79
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.73	483.	18.16

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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	28182.	6947.	MCF	1000.00	1.95766E+05			3.19040E+05	6.25	1223534.	43.42
1%MT	1297.	10489.	BBL	6.39	2.12972E+06				5.23	71175.	54.86
1%TP	1504.	9785.	BBL	6.39	2.30255E+06				5.32	78275.	52.05
1%PE	1602.	10021.	BBL	6.39	2.51288E+06				5.27	84622.	52.81
2%RV	1697.	10208.	BBL	6.38	2.71446E+06				4.23	73256.	43.18
1%CC	1220.	9832.	BBL	6.39	1.87741E+06				5.29	63462.	52.01
1.8S	190.	11073.	BBL	5.84	3.60631E+05				4.59	9667.	50.83
.5FM	1.	13269.	BBL	5.81	2.56429E+03				8.52	127.	113.05
.5GT	0.	15835.	BBL	5.81	1.22512E+03				8.63	61.	136.65
1%MR	317.	10129.	BBL	6.39	5.01858E+05				5.31	17028.	53.79
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.50	29031.	5.47
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.52	30260.	5.70
GAS4	70770.	6994.	MCF	1000.00	4.94953E+05				5.64	2791534.	39.44
GAS4	30.	10450.	MCF	1000.00	3.17922E+02				6.40	2035.	66.90
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.53	37939.	5.78
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.51	30745.	5.51
ECON	125.	10000.	TON	23.00	5.43478E+04				3.78	4725.	37.80
CSH4	5541.	10463.	TON	19.11	3.03397E+06				2.18	126394.	22.81
CSJR	1975.	9762.	TON	24.14	7.98477E+05				2.01	38743.	19.62
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.33	40797.	22.71
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.73	68290.	27.30
QBN2	84.	10500.	COG	24.00	3.65765E+04				2.01	1764.	21.10

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PLAN 1 YEAR 2024

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	28081.	6949.	MCF	1000.00		1.95131E+05			3.19040E+05	6.43	1254693.	44.68
1%MT	1352.	10497.	BBL	6.39		2.22057E+06				5.38	76339.	56.48
1%TP	1581.	9785.	BBL	6.39		2.42106E+06				5.46	84469.	53.43
1%PE	1545.	10025.	BBL	6.39		2.42349E+06				5.42	83935.	54.34
2%RV	1726.	10208.	BBL	6.38		2.76085E+06				4.34	76446.	44.30
1%CC	1326.	9828.	BBL	6.39		2.04009E+06				5.44	70917.	53.46
1.8S	236.	11073.	BBL	5.84		4.46615E+05				4.71	12285.	52.15
.5FM	1.	13269.	BBL	5.81		2.12031E+03				8.77	108.	116.37
.5GT	0.	15835.	BBL	5.81		1.00127E+03				8.89	52.	140.77
1%MR	292.	10118.	BBL	6.39		4.62786E+05				5.46	16146.	55.24
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.50	29148.	5.49
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.53	30775.	5.80
GAS4	70807.	6994.	MCF	1000.00		4.95226E+05				5.82	2882217.	40.71
GAS4	20.	10450.	MCF	1000.00		2.06253E+02				6.58	1357.	68.75
NUCL	6561.	10826.	NUC	1.00		7.10328E+07				0.54	38528.	5.87
NUCL	5584.	10826.	NUC	1.00		6.04498E+07				0.51	30872.	5.53
ECON	125.	10000.	TON	23.00		5.43478E+04				3.81	4762.	38.10
CSH4	5222.	10463.	TON	19.11		2.85893E+06				2.21	120741.	23.12
CSJR	2139.	9762.	TON	24.14		8.65017E+05				2.05	42807.	20.01
QCB	1797.	9745.	COG	24.00		7.29559E+05				2.37	41497.	23.10
QICL	2501.	10000.	COG	24.00		1.04227E+06				2.75	68790.	27.50
QBN2	84.	10500.	COG	24.00		3.65765E+04				2.05	1800.	21.52
QBS2	27.	10500.	COG	24.00		1.16380E+04				1.79	500.	18.79

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PLAN 1 YEAR 2025

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	29366.	6953.	MCF	1000.00		2.04191E+05			3.19040E+05	6.61	1349699.	45.96

1%MT	1528.	10502.	BBL	6.39	2.51086E+06	5.53	88726.	58.08	
1%TP	1651.	9786.	BBL	6.39	2.52775E+06	5.62	90776.	55.00	
1%PE	1712.	10034.	BBL	6.39	2.68749E+06	5.57	95654.	55.89	
2%RV	1757.	10207.	BBL	6.38	2.81070E+06	4.45	79799.	45.42	
1%CC	1441.	9838.	BBL	6.39	2.21891E+06	5.60	79401.	55.09	
1.8S	318.	11073.	BBL	5.84	6.02444E+05	4.83	16993.	53.48	
.5FM	1.	13269.	BBL	5.81	3.39313E+03	9.03	178.	119.82	
.5GT	1.	15835.	BBL	5.81	1.68277E+03	9.16	90.	145.05	
1%MR	380.	10124.	BBL	6.39	6.01959E+05	5.62	21617.	56.90	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.50	29265.	5.51	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.53	31296.	5.90	
GAS4	71250.	6995.	MCF	1000.00	4.98394E+05	6.00	2990366.	41.97	
GAS4	49.	10450.	MCF	1000.00	5.17193E+02	6.76	3497.	70.67	
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.55	39125.	5.96	
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.51	31005.	5.55	
ECON	125.	10000.	TON	23.00	5.43478E+04	3.84	4800.	38.40	
CSH4	4902.	10463.	TON	19.11	2.68390E+06	2.25	115401.	23.54	
CSJR	1769.	9762.	TON	24.14	7.15302E+05	2.08	35916.	20.30	
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.78	69540.	27.80	
QBN2	84.	10500.	COG	24.00	3.65765E+04	2.08	1826.	21.84	
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.82	508.	19.11	
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PLAN 1 YEAR 2026

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST K\$	\$/MWH
					TOTAL	NOT USED	MINIMUM	MAXIMUM			
GAS	29921.	6955.	MCF	1000.00	2.08087E+05			3.19040E+05	6.80	1414993.	47.29
1%MT	1676.	10498.	BBL	6.39	2.75360E+06				5.69	100118.	59.73
1%TP	1807.	9786.	BBL	6.39	2.76726E+06				5.78	102207.	56.56
1%PE	1812.	10034.	BBL	6.39	2.84538E+06				5.73	104183.	57.49
2%RV	1910.	10208.	BBL	6.38	3.05649E+06				4.56	88922.	46.55
1%CC	1481.	9824.	BBL	6.39	2.27666E+06				5.75	83650.	56.49
1.8S	358.	11073.	BBL	5.84	6.78457E+05				4.96	19652.	54.92
.5FM	2.	13269.	BBL	5.81	4.57121E+03				9.30	247.	123.40
.5GT	1.	15835.	BBL	5.81	2.34018E+03				9.44	128.	149.48
1%MR	407.	10121.	BBL	6.39	6.45314E+05				5.78	23834.	58.50
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.50	29382.	5.53
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.54	31823.	5.99
GAS4	71496.	6996.	MCF	1000.00	5.00165E+05				6.19	3096023.	43.30
GAS4	74.	10450.	MCF	1000.00	7.70699E+02				6.95	5357.	72.64
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.56	39729.	6.05



NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.52	31138.	5.58
ECON	125.	10000.	TON	23.00	5.43478E+04	3.87	4837.	38.70
CSH4	5541.	10463.	TON	19.11	3.03397E+06	2.29	132772.	23.96
CSJR	2139.	9762.	TON	24.14	8.65017E+05	2.12	44269.	20.70
QBN2	84.	10500.	COG	24.00	3.65765E+04	2.12	1861.	22.26
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.85	517.	19.42

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	30272.	6956.	MCF	1000.00		2.10555E+05			3.19040E+05	7.00	1473883.	48.69
1%MT	1708.	10502.	BBL	6.39		2.80703E+06				5.85	104931.	61.44
1%TP	1789.	9786.	BBL	6.39		2.73983E+06				5.94	103995.	58.13
1%PE	1748.	10031.	BBL	6.39		2.74405E+06				5.90	103454.	59.18
2%RV	1879.	10208.	BBL	6.38		3.00634E+06				4.68	89764.	47.77
1%CC	1578.	9834.	BBL	6.39		2.42800E+06				5.92	91848.	58.22
1.8S	378.	11073.	BBL	5.84		7.15763E+05				5.09	21276.	56.36
.5FM	2.	13269.	BBL	5.81		5.09223E+03				9.57	283.	126.98
.5GT	1.	15835.	BBL	5.81		2.60307E+03				9.73	147.	154.07
1%MR	428.	10131.	BBL	6.39		6.79210E+05				5.94	25780.	60.18
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.50	29505.	5.56
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.55	32362.	6.10
GAS4	71567.	6996.	MCF	1000.00		5.00670E+05				6.38	3194276.	44.63
GAS4	83.	10450.	MCF	1000.00		8.71258E+02				7.15	6226.	74.68
NUCL	6561.	10826.	NUC	1.00		7.10328E+07				0.57	40339.	6.15
NUCL	5584.	10826.	NUC	1.00		6.04498E+07				0.52	31271.	5.60
ECON	125.	10000.	TON	23.00		5.43478E+04				3.91	4887.	39.10
CSH4	5328.	10463.	TON	19.11		2.91728E+06				2.32	129338.	24.27
CSJR	1975.	9762.	TON	24.14		7.98477E+05				2.16	41634.	21.09

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	30073.	6954.	MCF	1000.00		2.09116E+05			3.19040E+05	7.20	1505634.	50.07
1%MT	1686.	10500.	BBL	6.39		2.77029E+06				6.02	106567.	63.21
1%TP	1800.	9786.	BBL	6.39		2.75743E+06				6.11	107658.	59.80
1%PE	1795.	10038.	BBL	6.39		2.81908E+06				6.06	109164.	60.83
2%RV	1886.	10208.	BBL	6.38		3.01800E+06				4.80	92423.	49.00
1%CC	1581.	9833.	BBL	6.39		2.43307E+06				6.09	94683.	59.88
1.8S	380.	11073.	BBL	5.84		7.19955E+05				5.23	21990.	57.91
.5FM	2.	13269.	BBL	5.81		4.68241E+03				9.86	268.	130.83
.5GT	1.	15835.	BBL	5.81		2.39223E+03				10.03	139.	158.82
1%MR	441.	10124.	BBL	6.39		6.98955E+05				6.11	27289.	61.86
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.51	29622.	5.58
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.56	32912.	6.20



GAS	30041.	6953.	MCF	1000.00	2.08877E+05	3.19040E+05	7.62	1591643.	52.98
1%MT	1734.	10502.	BBL	6.39	2.85046E+06		6.38	116208.	67.01
1%TP	1852.	9785.	BBL	6.39	2.83571E+06		6.47	117238.	63.31
1%PE	1842.	10036.	BBL	6.39	2.89260E+06		6.42	118665.	64.43
2%RV	1856.	10208.	BBL	6.38	2.96930E+06		5.06	95857.	51.65
1%CC	1533.	9843.	BBL	6.39	2.36111E+06		6.45	97314.	63.48
1.8S	421.	11073.	BBL	5.84	7.97361E+05		5.52	25704.	61.12
.5FM	3.	13269.	BBL	5.81	7.91025E+03		10.46	481.	138.79
.5GT	2.	15835.	BBL	5.81	4.25361E+03		10.67	264.	168.96
1%MR	396.	10102.	BBL	6.39	6.25924E+05		6.47	25878.	65.36
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.51	29862.	5.62
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.58	34036.	6.41
GAS4	71564.	6996.	MCF	1000.00	5.00659E+05		7.01	3509618.	49.04
GAS4	131.	10450.	MCF	1000.00	1.37338E+03		7.77	10670.	81.19
NUCL	6561.	10826.	NUC	1.00	7.10328E+07		0.59	42236.	6.44
NUCL	5584.	10826.	NUC	1.00	6.04498E+07		0.52	31670.	5.67
ECON	125.	10000.	TON	23.00	5.43478E+04		4.04	5050.	40.40
CSH4	5222.	10463.	TON	19.11	2.85893E+06		2.44	133307.	25.53
CSJR	2139.	9762.	TON	24.14	8.65017E+05		2.27	47401.	22.16

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
PMT1	2001	--		16939.8			
	2002	--		6662.1			
	2003	--		7472.1			
	2004	--		9025.9			
	2005	--		6516.1			
	2006	--		7616.4			
	2007	--		6618.6			
	2008	--		7190.1			
	2009	--		6069.0			
	2010	--		6100.7			
	2011	--		5160.7			
	2012	--		5465.0			
	2013	--		5674.1			
	2014	--		4834.7			
	2015	--		4896.0			
	2016	--		4250.1			

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2017	--	4505.9
2018	--	4793.5
2019	--	5079.9
2020	--	5294.2
2021	--	5634.1
2022	--	5729.0
2023	--	5703.8
2024	--	5822.2
2025	--	6104.4
2026	--	6618.5
2027	--	6602.9
2028	--	6653.0
2029	--	6707.6
2030	--	6673.9

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EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
SO2	2001	143887.0		214741.1	70854.1	14171.	0.
	2002	143887.0		101072.0	-42815.0	0.	5268.
	2003	143887.0		115345.2	-28541.7	0.	3775.
	2004	143887.0		129420.8	-14466.2	0.	2046.
	2005	143887.0		97708.4	-46178.6	0.	10143.
	2006	143887.0		113963.9	-29923.1	0.	7020.
	2007	143887.0		101420.2	-42466.8	0.	10647.
	2008	143887.0		107846.7	-36040.2	0.	9657.
	2009	143887.0		95450.0	-48437.0	0.	13870.
	2010	143887.0		94323.6	-49563.4	0.	15162.
	2011	138951.6		84033.4	-54918.2	0.	17747.
	2012	138951.6		86226.9	-52724.7	0.	17948.
	2013	138951.6		90104.4	-48847.2	0.	17527.
	2014	138951.6		78454.2	-60497.4	0.	22889.
	2015	138951.6		82041.7	-56909.9	0.	22710.
	2016	138951.6		77819.7	-61131.9	0.	24395.
	2017	138951.6		80099.4	-58852.2	0.	23485.
	2018	138951.6		82774.2	-56177.4	0.	22418.
	2019	138951.6		87815.7	-51135.9	0.	20406.
	2020	138951.6		89021.0	-49930.6	0.	19925.
	2021	138951.6		94565.4	-44386.2	0.	17712.
	2022	138951.6		88291.9	-50659.7	0.	20216.

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2023	138951.6	88844.5	-50107.1	0.	19995.
2024	138951.6	89144.2	-49807.4	0.	19876.
2025	138951.6	90264.9	-48686.7	0.	19429.
2026	138951.6	99556.3	-39395.3	0.	15721.
2027	138951.6	98033.6	-40918.0	0.	16328.
2028	138951.6	99005.6	-39946.0	0.	15941.
2029	138951.6	100160.9	-38790.7	0.	15480.
2030	138951.6	98715.2	-40236.4	0.	16056.

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
NOX	2001	--		111561.1			
	2002	--		69597.4			
	2003	--		71426.7			
	2004	--		79974.3			
	2005	--		64536.5			
	2006	--		71939.7			
	2007	--		65905.1			
	2008	--		67911.2			
	2009	--		63331.4			
	2010	--		62728.7			
	2011	--		58196.9			
	2012	--		59171.7			
	2013	--		61012.0			
	2014	--		55509.5			
	2015	--		52686.1			
	2016	--		49559.1			
	2017	--		50609.1			
	2018	--		51279.7			
	2019	--		54153.2			
	2020	--		54471.5			
	2021	--		57031.5			
	2022	--		50630.4			
	2023	--		50482.8			
	2024	--		50701.2			
	2025	--		50610.7			
	2026	--		55300.7			
	2027	--		54499.9			
	2028	--		55015.2			

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
CO	2001	--		26780.5			
	2002	--		20286.2			
	2003	--		17670.6			
	2004	--		18238.0			
	2005	--		14845.4			
	2006	--		17414.8			
	2007	--		16296.1			
	2008	--		17695.1			

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2009	--	14838.6
2010	--	15220.6
2011	--	13323.4
2012	--	13918.3
2013	--	14284.5
2014	--	12185.4
2015	--	12498.3
2016	--	11325.2
2017	--	11905.9
2018	--	12571.3
2019	--	13460.4
2020	--	14300.9
2021	--	15600.6
2022	--	14383.9
2023	--	13787.9
2024	--	13814.2
2025	--	14332.8
2026	--	15824.4
2027	--	15709.4
2028	--	15809.6
2029	--	15582.3
2030	--	15706.8

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
VOC	2001	--		1052.9			
	2002	--		649.8			
	2003	--		767.5			
	2004	--		783.6			
	2005	--		594.6			
	2006	--		679.3			
	2007	--		607.1			
	2008	--		649.8			
	2009	--		566.0			
	2010	--		571.1			
	2011	--		501.5			
	2012	--		525.5			
	2013	--		537.8			
	2014	--		473.3			

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2015	--	439.6
2016	--	379.9
2017	--	397.8
2018	--	420.3
2019	--	443.3
2020	--	461.2
2021	--	486.9
2022	--	491.0
2023	--	484.5
2024	--	489.8
2025	--	509.0
2026	--	548.7
2027	--	545.6
2028	--	549.4
2029	--	551.6
2030	--	548.9

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
----	----	----	-----	-----	-----	-----	-----
C02	2001	--		43291088.0			
	2002	--		38734016.0			
	2003	--		42000192.0			
	2004	--		42989664.0			
	2005	--		36120752.0			
	2006	--		39294544.0			
	2007	--		36515216.0			
	2008	--		37493696.0			
	2009	--		35217008.0			
	2010	--		35293520.0			
	2011	--		33325696.0			
	2012	--		33599264.0			
	2013	--		34578096.0			
	2014	--		31981568.0			
	2015	--		27007152.0			
	2016	--		24468976.0			
	2017	--		25172064.0			
	2018	--		25770640.0			
	2019	--		26921392.0			
	2020	--		27310176.0			

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2021	--	28416624.0
2022	--	26667232.0
2023	--	26740672.0
2024	--	26695920.0
2025	--	27123408.0
2026	--	29046720.0
2027	--	28816128.0
2028	--	28952928.0
2029	--	29015696.0
2030	--	28853200.0

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
HG	2001	--		0.6			
	2002	--		0.5			
	2003	--		0.5			
	2004	--		0.5			
	2005	--		0.5			
	2006	--		0.5			
	2007	--		0.5			
	2008	--		0.5			
	2009	--		0.5			
	2010	--		0.5			
	2011	--		0.5			
	2012	--		0.5			
	2013	--		0.5			
	2014	--		0.5			
	2015	--		0.5			
	2016	--		0.5			
	2017	--		0.5			
	2018	--		0.5			
	2019	--		0.5			
	2020	--		0.5			
	2021	--		0.5			
	2022	--		0.4			
	2023	--		0.4			
	2024	--		0.4			
	2025	--		0.4			
	2026	--		0.5			

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2027 -- 0.4  
 2028 -- 0.4  
 2029 -- 0.5  
 2030 -- 0.4

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UNIT EMISSIONS ANNUAL REPORT

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 PLAN 1 YEAR 2001

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		705.6	9498.8	3772.4	298.5	54.3	1437301.0	0.0
TURKEY POINT 2		654.7	8839.1	3173.0	277.0	50.4	1333675.0	0.0
FT LAUD 4		0.0	31.1	1347.1	101.9	2.1	1201204.0	0.0
FT LAUD 5		0.0	32.6	1401.3	106.8	2.2	1258598.0	0.0
EVERGLADES 1		113.2	1475.6	356.9	47.9	8.7	230263.2	0.0
EVERGLADES 2		248.5	3249.8	908.0	105.1	19.1	505637.1	0.0
EVERGLADES 3		608.2	7953.2	3532.2	257.3	46.8	1237423.0	0.0
EVERGLADES 4		484.7	6338.0	2852.1	205.1	37.3	986124.1	0.0
RIVIERA 3		1228.5	15123.6	3330.5	300.3	54.6	1437564.0	0.0
RIVIERA 4		1284.9	15618.7	4197.3	314.1	57.1	1503619.0	0.0
CAPE CAN 1		1138.3	12748.5	8293.0	357.7	65.0	1720396.0	0.0
CAPE CAN 2		415.9	4670.0	2780.6	130.7	23.8	628604.0	0.0
SANFORD 3		224.9	1836.5	730.8	51.5	9.4	250499.1	0.0
SANFORD 4		1869.2	15109.3	10786.8	428.4	77.9	2082196.0	0.0
SANFORD 5		1717.2	13558.5	7190.6	393.5	71.5	1912852.0	0.0
PUTNAM 1		0.0	19.8	1202.9	362.4	11.2	531235.1	0.0
PUTNAM 2		0.0	17.1	1068.0	314.0	9.7	460179.9	0.0
MANATEE 1		543.2	7187.1	1734.1	4283.0	41.8	1110441.0	0.0
MANATEE 2		784.5	10409.6	2353.5	6185.4	60.3	1603688.0	0.0
FT MYERS 1		581.3	5379.9	1484.1	136.0	24.7	653128.4	0.0

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 PLAN 1 YEAR 2001

ALTERNATIVE INSTALL	PMT1 EMISSIONS	SO2 EMISSIONS	NOX EMISSIONS	CO EMISSIONS	VOC EMISSIONS	C02 EMISSIONS	HG EMISSIONS
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UNIT NAME	YEAR	TONS	TONS	TONS	TONS	TONS	TONS	TONS
FT MYERS 2		2095.9	19665.6	10836.1	490.5	89.2	2354962.0	0.0
CUTLER 5		0.0	0.1	85.0	8.4	0.3	11982.6	0.0
CUTLER 6		0.0	0.1	191.2	17.4	0.7	24799.0	0.0
MARTIN 1		149.2	1874.2	630.7	1295.3	15.3	419821.1	0.0
MARTIN 2		192.8	2623.3	762.9	1674.9	19.8	543448.1	0.0
PFM 2-4 GT'S		10.4	81.1	189.5	13.2	0.0	44570.9	0.0
PFM 2-4 GT'S		8.1	63.1	147.4	10.3	0.0	34664.8	0.0
PFM 2-4 GT'S		6.2	48.5	113.4	7.9	0.0	26683.1	0.0
PFL 3-2 GT'S		2.9	17.2	54.0	3.7	0.0	12665.1	0.0
PFL 3-2 GT'S		0.4	2.7	8.4	0.6	0.0	1966.5	0.0
PFL 3-2 GT'S		0.1	0.6	1.8	0.1	0.0	417.8	0.0
PFL 3-2 GT'S		0.1	0.3	1.0	0.1	0.0	242.9	0.0
PPE 3-2 GT'S		5.1	17.6	97.5	6.5	0.0	22914.2	0.0
PPE 3-2 GT'S		3.9	13.4	73.9	4.9	0.0	17367.1	0.0
SCHERER 4		878.4	31835.6	17356.6	4331.6	90.9	6503438.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	37.8	533.0	104.3	3.9	1563837.0	0.0
MARTIN 4		0.0	36.7	504.6	101.2	3.8	1517687.0	0.0
2 ADV CT-MART		6.1	2.0	60.7	6.7	1.0	78985.6	0.0

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PLAN 1 YEAR 2001

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
2 ADV CT-FT MY		4.6	1.5	45.8	5.1	0.8	59637.4	0.0
PFMREP 1 CT/CC		217.3	72.4	2173.3	241.5	36.2	2830181.0	0.0

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PLAN 1 YEAR 2002

UNIT NAME	ALTERNATIVE INSTALL	PMT1 EMISSIONS	SO2 EMISSIONS	NOX EMISSIONS	CO EMISSIONS	VOC EMISSIONS	CO2 EMISSIONS	HG EMISSIONS
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UNIT NAME	YEAR	TONS	TONS	TONS	TONS	TONS	TONS	TONS
-----	-----	-----	-----	-----	-----	-----	-----	-----
TURKEY POINT 1		282.1	3797.2	1508.0	119.3	21.7	574564.0	0.0
TURKEY POINT 2		327.3	4418.6	1586.1	138.5	25.2	666686.6	0.0
FT LAUD 4		0.0	27.8	1204.6	91.1	1.9	1074195.0	0.0
FT LAUD 5		0.0	29.4	1264.7	96.4	2.0	1135927.0	0.0
EVERGLADES 1		9.6	124.8	30.2	4.1	0.7	19479.3	0.0
EVERGLADES 2		64.5	843.5	235.7	27.3	5.0	131232.8	0.0
EVERGLADES 3		198.6	2597.4	1153.5	84.0	15.3	404121.5	0.0
EVERGLADES 4		210.7	2755.5	1240.0	89.1	16.2	428721.4	0.0
RIVIERA 3		608.9	7496.8	1650.9	148.9	27.1	712597.7	0.0
RIVIERA 4		649.6	7896.7	2122.2	158.8	28.9	760223.9	0.0

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CAPE CAN 1	668.0	7481.1	4866.5	209.9	38.2	1009566.7	0.0
CAPE CAN 2	63.9	717.9	427.4	20.1	3.7	96628.0	0.0
SANFORD 3	47.2	385.8	153.5	10.8	2.0	52629.0	0.0
PUTNAM 1	0.0	37.6	2290.7	690.2	21.3	1011589.1	0.0
PUTNAM 2	0.0	38.0	2368.7	696.3	21.5	1020596.8	0.0
MANATEE 1	65.6	868.2	209.5	517.4	5.0	134145.2	0.0
MANATEE 2	137.4	1822.9	412.1	1083.2	10.6	280837.2	0.0
CUTLER 5	0.0	0.0	31.8	3.1	0.1	4480.9	0.0
CUTLER 6	0.0	1.1	1728.4	157.0	6.0	224231.1	0.0
MARTIN 1	216.1	2715.3	913.8	1876.5	22.2	608215.9	0.0

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PLAN 1 YEAR 2002

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		575.8	7833.3	2278.1	5001.2	59.3	1622749.0	0.0
PFM 2-4 GT'S		2.8	21.6	50.4	3.5	0.0	11854.9	0.0
PFM 2-4 GT'S		0.2	1.9	4.5	0.3	0.0	1067.6	0.0
PFM 2-4 GT'S		0.2	1.2	2.9	0.2	0.0	674.7	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	215.8	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	128.8	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	83.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	48.8	0.0
PPE 3-2 GT'S		0.1	0.4	2.2	0.1	0.0	510.5	0.0
PPE 3-2 GT'S		0.1	0.2	1.4	0.1	0.0	318.9	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		423.3	10782.5	8513.1	2128.3	35.3	2876812.0	0.1
MARTIN 3		0.0	33.7	475.1	92.9	3.5	1393860.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-MART		80.4	26.8	804.3	89.4	13.4	1047326.8	0.0
FIRM PURCHASE		227.1	75.7	2271.4	252.4	37.9	2957907.0	0.0
2 ADV CT-FT MY		58.5	19.5	585.0	65.0	9.8	761806.2	0.0
PFMREP 1 CT/CC		355.3	118.4	3552.7	394.7	59.2	4626448.0	0.0
PSNREP 5		248.1	82.7	2480.7	275.6	41.3	3230470.0	0.0

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PLAN 1 YEAR 2003

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		308.0	4145.9	1646.5	130.3	23.7	627331.2	0.0
TURKEY POINT 2		582.9	7869.4	2824.9	246.6	44.8	1187367.0	0.0
FT LAUD 4		0.0	1240.4	1693.0	386.3	27.0	1480716.0	0.0
FT LAUD 5		0.0	3299.0	0.0	895.1	69.8	2266796.0	0.0
EVERGLADES 1		0.3	3.7	0.9	0.1	0.0	583.9	0.0
EVERGLADES 2		69.7	911.4	254.7	29.5	5.4	141807.3	0.0
EVERGLADES 3		264.2	3455.4	1534.6	111.8	20.3	537617.4	0.0
EVERGLADES 4		237.3	3103.2	1396.5	100.4	18.3	482828.8	0.0
RIVIERA 3		940.2	11574.8	2549.0	229.8	41.8	1100228.0	0.0
RIVIERA 4		900.5	10946.6	2941.8	220.1	40.0	1053835.0	0.0
CAPE CAN 1		799.9	8959.2	5828.0	251.4	45.7	1209031.0	0.0
CAPE CAN 2		34.8	390.8	232.7	10.9	2.0	52601.4	0.0
SANFORD 3		112.6	919.5	365.9	25.8	4.7	125427.2	0.0
PUTNAM 1		0.0	32.8	1996.0	601.4	18.6	881448.1	0.0
PUTNAM 2		0.0	31.5	1966.4	578.0	17.9	847273.0	0.0
MANATEE 1		23.1	305.8	73.8	182.2	1.8	47241.2	0.0
MANATEE 2		196.0	2601.3	588.1	1545.7	15.1	400754.2	0.0
CUTLER 5		0.0	0.0	0.7	0.1	0.0	93.3	0.0
CUTLER 6		0.0	0.0	1.6	0.1	0.0	211.1	0.0
MARTIN 1		68.9	865.9	291.4	598.4	7.1	193968.6	0.0
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PLAN 1 YEAR 2003

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		229.2	3117.7	906.7	1990.5	23.6	645855.4	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	283.7	0.0
PFM 2-4 GT'S		0.0	0.3	0.8	0.1	0.0	182.7	0.0

PFM 2-4 GT'S	0.0	0.2	0.5	0.0	0.0	106.6	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	30.3	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	17.1	0.0
PFL 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	10.7	0.0
PFL 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	6.0	0.0
PPE 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	78.2	0.0
PPE 3-2 GT'S	0.0	0.0	0.2	0.0	0.0	45.8	0.0
SCHERER 4	879.8	31886.1	17384.1	4338.4	91.0	6513743.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	37.6	529.6	103.6	3.9	1553911.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-MART	48.8	16.3	487.7	54.2	8.1	635155.3	0.0
FIRM PURCHASE	114.4	38.1	1144.1	127.1	19.1	1489860.0	0.0
LW CC PURCH	41.4	13.8	413.5	45.9	6.9	538507.3	0.0
2 ADV CT-FT MY	33.7	11.2	336.6	37.4	5.6	438290.0	0.0
PFMREP 1 CT/CC	336.6	112.2	3365.7	374.0	56.1	4382897.0	0.0
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PLAN 1 YEAR 2003

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
PSNREP 4		249.1	83.0	2490.7	276.7	41.5	3243388.0	0.0
PSNREP 5		244.8	81.6	2447.8	272.0	40.8	3187637.0	0.0
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PLAN 1 YEAR 2004

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		496.5	6684.1	2654.6	210.1	38.2	1011404.6	0.0
TURKEY POINT 2		668.0	9018.5	3237.4	282.6	51.4	1360739.0	0.0
FT LAUD 4		0.0	29.2	1262.6	95.5	2.0	1125909.0	0.0



FT LAUD 5	0.0	30.8	1323.9	100.9	2.1	1189037.0	0.0
EVERGLADES 1	7.4	96.1	23.2	3.1	0.6	14998.1	0.0
EVERGLADES 2	92.0	1202.9	336.1	38.9	7.1	187158.2	0.0
EVERGLADES 3	598.8	7830.5	3477.6	253.3	46.1	1218328.0	0.0
EVERGLADES 4	543.9	7113.0	3200.9	230.1	41.8	1106703.0	0.0
RIVIERA 3	1056.1	13001.9	2863.2	258.2	46.9	1235886.0	0.0
RIVIERA 4	1021.1	12412.6	3335.8	249.6	45.4	1194970.0	0.0
CAPE CAN 1	987.6	11061.1	7195.3	310.4	56.4	1492680.0	0.0
CAPE CAN 2	116.8	1311.0	780.6	36.7	6.7	176471.9	0.0
SANFORD 3	141.6	1156.3	460.2	32.4	5.9	157722.6	0.0
PUTNAM 1	0.0	36.2	2204.3	664.1	20.5	973449.4	0.0
PUTNAM 2	0.0	36.5	2277.2	669.4	20.7	981167.7	0.0
MANATEE 1	48.7	645.0	155.6	384.4	3.7	99655.3	0.0
MANATEE 2	246.9	3276.2	740.7	1946.7	19.0	504722.8	0.0
CUTLER 5	0.0	0.0	14.7	1.5	0.1	2074.6	0.0
CUTLER 6	0.0	0.0	34.0	3.1	0.1	4406.8	0.0
MARTIN 1	68.8	863.8	290.7	596.9	7.1	193477.7	0.0
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PLAN 1 YEAR 2004

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		307.7	4185.5	1217.2	2672.3	31.7	867077.0	0.0
PFM 2-4 GT'S		1.6	12.8	29.9	2.1	0.0	7032.0	0.0
PFM 2-4 GT'S		0.4	2.8	6.5	0.5	0.0	1523.2	0.0
PFM 2-4 GT'S		0.1	0.4	0.9	0.1	0.0	222.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	66.6	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	39.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	24.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	14.3	0.0
PPE 3-2 GT'S		0.0	0.1	0.7	0.0	0.0	165.6	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	100.4	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3		0.0	38.4	541.4	105.9	4.0	1588470.0	0.0

MARTIN 4	0.0	34.8	478.9	96.0	3.6	1440157.0	0.0
2 ADV CT-MART	40.1	13.4	400.8	44.5	6.7	521992.1	0.0
FIRM PURCHASE	93.7	31.2	936.8	104.1	15.6	1219871.0	0.0
LW CC PURCH	45.1	15.0	451.3	50.1	7.5	587740.4	0.0
2 ADV CT-FT MY	25.3	8.4	252.5	28.1	4.2	328873.6	0.0
PFMREP 1 CT/CC	348.7	116.2	3487.1	387.5	58.1	4541021.0	0.0
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PLAN 1 YEAR 2004

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244423.0	0.0
PSNREP 5		247.1	82.4	2470.8	274.5	41.2	3217534.0	0.0
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PLAN 1 YEAR 2005

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		227.5	3062.0	1216.0	96.2	17.5	463320.6	0.0
TURKEY POINT 2		434.0	5859.2	2103.3	183.6	33.4	884051.2	0.0
FT LAUD 4		0.0	22.6	978.3	74.0	1.6	872338.7	0.0
FT LAUD 5		0.0	24.4	1048.0	79.8	1.7	941303.2	0.0
EVERGLADES 1		0.2	2.5	0.6	0.1	0.0	388.8	0.0
EVERGLADES 2		66.7	872.9	243.9	28.2	5.1	135807.7	0.0
EVERGLADES 3		316.0	4132.2	1835.2	133.7	24.3	642923.1	0.0
EVERGLADES 4		271.5	3550.2	1597.6	114.9	20.9	552364.9	0.0
RIVIERA 3		728.9	8974.0	1976.2	178.2	32.4	853019.2	0.0
RIVIERA 4		739.5	8989.3	2415.8	180.8	32.9	865404.0	0.0
CAPE CAN 1		708.0	7930.0	5158.5	222.5	40.5	1070144.0	0.0
CAPE CAN 2		25.9	291.3	173.5	8.2	1.5	39215.8	0.0
SANFORD 3		104.4	852.9	339.4	23.9	4.4	116335.7	0.0
PUTNAM 1		0.0	29.5	1794.9	540.8	16.7	792638.4	0.0

PUTNAM 2	0.0	25.4	1581.7	465.0	14.4	681506.5	0.0
MANATEE 1	15.0	197.8	47.7	117.9	1.2	30563.7	0.0
MANATEE 2	145.0	1924.6	435.1	1143.6	11.2	296494.9	0.0
CUTLER 5	0.0	0.0	0.4	0.0	0.0	60.7	0.0
CUTLER 6	0.0	0.0	1.0	0.1	0.0	132.7	0.0
MARTIN 1	53.0	665.5	223.9	459.9	5.4	149059.8	0.0

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PLAN 1 YEAR 2005

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS	
MARTIN 2		236.4	3216.5	935.4	2053.6	24.3	666337.7	0.0	
PFM 2-4 GT'S		0.0	0.4	0.8	0.1	0.0	192.7	0.0	
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	117.2	0.0	
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	74.2	0.0	
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	20.3	0.0	
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	12.6	0.0	
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	7.5	0.0	
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	4.6	0.0	
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	51.0	0.0	
PPE 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	32.9	0.0	
SCHERER 4		778.3	28207.7	15378.7	3838.0	80.5	5762323.0	0.3	
SJRPP 1 (OWN)		257.5	6559.3	5178.8	1294.7	21.5	1750058.0	0.0	
SJRPP 2 (PURCH)		468.3	11929.3	9418.5	2354.6	39.0	3182782.0	0.1	
MARTIN 3		0.0	37.2	524.5	102.6	3.8	1538990.0	0.0	
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596678.0	0.0	
FIRM PURCHASE		54.1	18.0	541.1	60.1	9.0	704639.4	0.0	
2 ADV CT>FT MY		34.3	11.4	342.8	38.1	5.7	446363.4	0.0	
PFMREP 1 CT/CC		354.6	118.2	3546.2	394.0	59.1	4617943.0	0.0	
PSNREP 4		249.1	83.0	2491.4	276.8	41.5	3244360.0	0.0	
PSNREP 5		247.5	82.5	2474.8	275.0	41.2	3222788.0	0.0	
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PLAN 1 YEAR 2006

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		401.9	5410.6	2148.8	170.0	30.9	818707.7	0.0
TURKEY POINT 2		552.1	7452.8	2675.3	233.6	42.5	1124496.0	0.0
FT LAUD 4		0.0	23.5	1016.3	76.9	1.6	906229.2	0.0
FT LAUD 5		0.0	24.8	1065.0	81.1	1.7	956573.9	0.0
EVERGLADES 1		1.5	19.8	4.8	0.6	0.1	3096.2	0.0
EVERGLADES 2		87.3	1141.7	319.0	36.9	6.7	177633.0	0.0
EVERGLADES 3		343.5	4492.3	1995.1	145.3	26.4	698942.3	0.0

EVERGLADES 4	284.5	3719.9	1674.0	120.4	21.9	578776.9	0.0
RIVIERA 3	839.7	10338.1	2276.6	205.3	37.3	982683.5	0.0
RIVIERA 4	918.3	11162.7	2999.8	224.5	40.8	1074638.0	0.0
CAPE CAN 1	793.3	8884.6	5779.5	249.3	45.3	1198965.0	0.0
CAPE CAN 2	39.7	445.4	265.2	12.5	2.3	59959.2	0.0
SANFORD 3	134.7	1100.1	437.8	30.9	5.6	150054.8	0.0
PUTNAM 1	0.0	33.1	2015.6	607.3	18.8	890126.2	0.0
PUTNAM 2	0.0	31.3	1954.9	574.7	17.8	842302.1	0.0
MANATEE 1	32.7	433.1	104.5	258.1	2.5	66920.6	0.0
MANATEE 2	235.0	3118.5	705.0	1853.0	18.1	480426.0	0.0
CUTLER 5	0.0	0.0	1.0	0.1	0.0	147.1	0.0
CUTLER 6	0.0	0.0	2.5	0.2	0.0	326.2	0.0
MARTIN 1	71.2	894.1	300.9	617.9	7.3	200265.7	0.0
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PLAN 1 YEAR 2006

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		294.6	4007.7	1165.5	2558.7	30.3	830230.9	0.0
PFM 2-4 GT'S		0.1	0.9	2.1	0.1	0.0	492.0	0.0
PFM 2-4 GT'S		0.1	0.5	1.3	0.1	0.0	300.9	0.0
PFM 2-4 GT'S		0.0	0.4	0.9	0.1	0.0	200.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	56.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	37.9	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	21.9	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	14.3	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	136.8	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	93.9	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3		0.0	37.5	529.3	103.5	3.9	1552837.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596667.0	0.0
FIRM PURCHASE		63.5	21.2	635.2	70.6	10.6	827236.1	0.0
2 ADV CT-FT MY		40.3	13.4	403.2	44.8	6.7	525072.6	0.0
PFMREP 1 CT/CC		361.5	120.5	3614.7	401.6	60.2	4707148.0	0.0

PSNREP 4 249.1 83.0 2491.5 276.8 41.5 3244442.0 0.0  
 PSNREP 5 248.0 82.7 2480.4 275.6 41.3 3230064.0 0.0  
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PLAN 1 YEAR 2007

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		250.8	3376.2	1340.8	106.1	19.3	510871.0	0.0
TURKEY POINT 2		397.1	5360.9	1924.4	168.0	30.5	808867.2	0.0
FT LAUD 4		0.0	21.1	915.7	69.3	1.5	816507.2	0.0
FT LAUD 5		0.0	22.9	984.6	75.0	1.6	884347.1	0.0
EVERGLADES 1		0.3	4.5	1.1	0.1	0.0	698.1	0.0
EVERGLADES 2		84.2	1101.2	307.7	35.6	6.5	171329.1	0.0
EVERGLADES 3		355.1	4643.0	2062.1	150.2	27.3	722401.6	0.0
EVERGLADES 4		297.5	3889.9	1750.5	125.8	22.9	605223.3	0.0
RIVIERA 3		640.2	7881.8	1735.7	156.5	28.5	749201.6	0.0
RIVIERA 4		735.4	8938.7	2402.2	179.8	32.7	860537.6	0.0
CAPE CAN 1		594.1	6653.9	4328.4	186.7	33.9	897937.4	0.0
CAPE CAN 2		42.9	482.2	287.1	13.5	2.5	64911.7	0.0
SANFORD 3		139.1	1135.6	451.9	31.9	5.8	154897.9	0.0
PUTNAM 1		0.0	26.9	1639.5	494.0	15.3	724033.6	0.0
PUTNAM 2		0.0	24.4	1523.2	447.8	13.8	656319.9	0.0
MANATEE 1		20.4	269.8	65.1	160.8	1.6	41683.9	0.0
MANATEE 2		111.6	1480.3	334.7	879.6	8.6	228055.4	0.0
CUTLER 5		0.0	0.0	0.8	0.1	0.0	119.4	0.0
CUTLER 6		0.0	0.0	2.2	0.2	0.0	286.4	0.0
MARTIN 1		169.7	2132.2	717.6	1473.6	17.4	477613.4	0.0

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PLAN 1 YEAR 2007

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
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MARTIN 2	270.7	3682.0	1070.8	2350.8	27.9	762766.9	0.0
PFM 2-4 GT'S	0.1	0.7	1.7	0.1	0.0	401.4	0.0
PFM 2-4 GT'S	0.1	0.5	1.1	0.1	0.0	260.8	0.0
PFM 2-4 GT'S	0.0	0.3	0.7	0.0	0.0	163.1	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	51.2	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	30.8	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	20.1	0.0
PFL 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	11.7	0.0
PPE 3-2 GT'S	0.0	0.1	0.5	0.0	0.0	120.8	0.0
PPE 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	76.0	0.0
SCHERER 4	846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	38.5	542.7	106.1	4.0	1592164.0	0.0
MARTIN 4	0.0	37.8	520.5	104.4	3.9	1565387.0	0.0
2 ADV CT-FT MY	45.3	15.1	452.9	50.3	7.5	589734.6	0.0
PFMREP 1 CT/CC	364.8	121.6	3647.5	405.3	60.8	4749906.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.4	82.8	2483.5	275.9	41.4	3234091.0	0.0
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PLAN 1 YEAR 2008

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		323.0	4348.5	1727.0	136.7	24.8	657996.6	0.0
TURKEY POINT 2		424.6	5732.7	2057.9	179.7	32.7	864968.3	0.0
FT LAUD 4		0.0	21.2	919.1	69.5	1.5	819614.1	0.0
FT LAUD 5		0.0	22.6	973.3	74.1	1.6	874157.4	0.0
EVERGLADES 1		0.6	8.5	2.0	0.3	0.0	1318.6	0.0
EVERGLADES 2		107.6	1406.6	393.0	45.5	8.3	218845.6	0.0
EVERGLADES 3		366.9	4798.5	2131.1	155.2	28.2	746597.3	0.0
EVERGLADES 4		379.0	4956.2	2230.3	160.3	29.2	771131.2	0.0
RIVIERA 3		734.4	9041.2	1991.0	179.5	32.6	859407.7	0.0
RIVIERA 4		775.7	9429.6	2534.1	189.6	34.5	907795.4	0.0
CAPE CAN 1		658.0	7369.4	4793.9	206.8	37.6	994497.2	0.0
CAPE CAN 2		58.5	657.0	391.2	18.4	3.3	88438.1	0.0

SANFORD 3	162.4	1326.2	527.8	37.2	6.8	180894.5	0.0
PUTNAM 1	0.0	28.5	1735.2	522.8	16.2	766286.1	0.0
PUTNAM 2	0.0	27.7	1727.9	507.9	15.7	744510.4	0.0
MANATEE 1	40.1	530.0	127.9	315.8	3.1	81884.8	0.0
MANATEE 2	156.5	2076.3	469.4	1233.7	12.0	319867.0	0.0
CUTLER 5	0.0	0.0	1.5	0.2	0.0	214.5	0.0
CUTLER 6	0.0	0.0	3.6	0.3	0.0	463.9	0.0
MARTIN 1	211.2	2653.2	892.9	1833.6	21.7	594299.1	0.0

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PLAN 1 YEAR 2008

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		336.1	4571.9	1329.6	2919.0	34.6	947118.1	0.0
PFM 2-4 GT'S		0.2	1.3	3.0	0.2	0.0	713.6	0.0
PFM 2-4 GT'S		0.1	0.8	1.9	0.1	0.0	443.8	0.0
PFM 2-4 GT'S		0.1	0.5	1.3	0.1	0.0	300.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	89.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	60.9	0.0
PFL 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	36.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	23.9	0.0
PPE 3-2 GT'S		0.0	0.2	0.9	0.1	0.0	208.6	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	145.7	0.0
SCHERER 4		846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		387.3	9864.8	7788.6	1947.1	32.3	2631975.0	0.1
MARTIN 3		0.0	38.4	541.4	105.9	4.0	1588445.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY		50.0	16.7	500.2	55.6	8.3	651339.6	0.0
PFMREP 1 CT/CC		363.0	121.0	3629.6	403.3	60.5	4726609.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5		248.2	82.7	2482.1	275.8	41.4	3232200.0	0.0

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PLAN 1 YEAR 2009

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		222.9	3000.0	1191.4	94.3	17.1	453936.9	0.0
TURKEY POINT 2		359.8	4856.8	1743.5	152.2	27.7	732807.4	0.0
FT LAUD 4		0.0	19.1	825.8	62.5	1.3	736366.1	0.0
FT LAUD 5		0.0	20.9	899.8	68.5	1.4	808132.4	0.0
EVERGLADES 1		0.2	2.3	0.6	0.1	0.0	364.7	0.0
EVERGLADES 2		68.2	892.3	249.3	28.9	5.2	138837.4	0.0
EVERGLADES 3		301.7	3945.2	1752.1	127.6	23.2	613827.6	0.0
EVERGLADES 4		258.8	3384.5	1523.0	109.5	19.9	526586.1	0.0
RIVIERA 3		593.5	7307.0	1609.1	145.1	26.4	694564.0	0.0
RIVIERA 4		655.7	7970.0	2141.8	160.3	29.1	767273.2	0.0

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CAPE CAN 1	534.5	5986.4	3894.2	168.0	30.5	807860.6	0.0
CAPE CAN 2	16.2	182.3	108.6	5.1	0.9	24543.2	0.0
SANFORD 3	106.7	871.1	346.7	24.4	4.4	118822.3	0.0
PUTNAM 1	0.0	24.6	1497.9	451.3	13.9	661496.7	0.0
PUTNAM 2	0.0	20.9	1303.7	383.2	11.8	561735.1	0.0
MANATEE 1	1.4	19.1	4.6	11.4	0.1	2951.1	0.0
MANATEE 2	65.4	868.0	196.2	515.8	5.0	133724.6	0.0
CUTLER 5	0.0	0.0	0.4	0.0	0.0	56.8	0.0
CUTLER 6	0.0	0.0	1.1	0.1	0.0	136.5	0.0
MARTIN 1	104.9	1318.5	443.7	911.2	10.8	295342.4	0.0

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PLAN 1 YEAR 2009

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		238.7	3247.0	944.3	2073.0	24.6	672642.7	0.0
PFM 2-4 GT'S		0.0	0.3	0.8	0.1	0.0	187.0	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	123.4	0.0
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	74.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	24.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	14.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	9.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	5.4	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	56.8	0.0
PPE 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	34.4	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	34.7	489.9	95.8	3.6	1437368.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY		40.5	13.5	404.9	45.0	6.7	527268.2	0.0
PFMREP 1 CT/CC		366.7	122.2	3666.5	407.4	61.1	4774657.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5		248.3	82.8	2483.3	275.9	41.4	3233755.0	0.0

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PLAN 1 YEAR 2010

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		220.4	2966.6	1178.2	93.2	17.0	448893.2	0.0
TURKEY POINT 2		371.1	5010.4	1798.6	157.0	28.5	755978.9	0.0
FT LAUD 4		0.0	19.5	845.2	63.9	1.3	753697.6	0.0
FT LAUD 5		0.0	21.3	917.9	69.9	1.5	824377.2	0.0
EVERGLADES 1		0.3	4.5	1.1	0.1	0.0	702.2	0.0
EVERGLADES 2		78.1	1021.8	285.5	33.1	6.0	158978.1	0.0
EVERGLADES 3		294.4	3850.4	1710.0	124.6	22.6	599077.0	0.0
EVERGLADES 4		261.4	3418.7	1538.4	110.6	20.1	531913.9	0.0
RIVIERA 3		559.9	6893.1	1518.0	136.9	24.9	655213.3	0.0
RIVIERA 4		667.5	8114.1	2180.6	163.2	29.7	781144.7	0.0
CAPE CAN 1		506.5	5672.4	3690.0	159.2	28.9	765486.2	0.0
CAPE CAN 2		42.4	475.7	283.2	13.3	2.4	64026.0	0.0
SANFORD 3		116.0	947.4	377.0	26.6	4.8	129224.9	0.0
PUTNAM 1		0.0	25.2	1532.8	461.8	14.3	676897.9	0.0
PUTNAM 2		0.0	23.1	1443.1	424.2	13.1	621792.5	0.0
MANATEE 1		18.5	245.4	59.2	146.3	1.4	37919.2	0.0
MANATEE 2		111.3	1476.8	333.9	877.5	8.6	227514.0	0.0
CUTLER 5		0.0	0.0	0.8	0.1	0.0	119.6	0.0
CUTLER 6		0.0	0.0	2.0	0.2	0.0	263.1	0.0
MARTIN 1		93.6	1176.1	395.8	812.8	9.6	263447.9	0.0
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PLAN 1 YEAR 2010

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		263.7	3587.2	1043.2	2290.2	27.1	743120.6	0.0
PFM 2-4 GT'S		0.1	0.7	1.6	0.1	0.0	375.9	0.0
PFM 2-4 GT'S		0.1	0.4	1.0	0.1	0.0	246.4	0.0
PFM 2-4 GT'S		0.0	0.3	0.7	0.0	0.0	158.3	0.0

PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	48.2	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	32.8	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	19.2	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	13.0	0.0
PPE 3-2 GT'S	0.0	0.1	0.5	0.0	0.0	113.8	0.0
PPE 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	77.3	0.0
SCHERER 4	829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3	0.0	38.9	548.2	107.2	4.0	1608372.0	0.0
MARTIN 4	0.0	34.8	478.9	96.0	3.6	1440157.0	0.0
2 ADV CT-FT MY	41.4	13.8	413.9	46.0	6.9	539035.4	0.0
PFMREP 1 CT/CC	383.2	127.7	3832.2	425.8	63.9	4990366.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0
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PLAN 1 YEAR 2011

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		240.1	3232.3	1283.7	101.6	18.5	489098.6	0.0
TURKEY POINT 2		226.2	3054.3	1096.4	95.7	17.4	460836.6	0.0
FT LAUD 4		0.0	15.6	677.2	51.2	1.1	603909.4	0.0
FT LAUD 5		0.0	17.4	747.1	56.9	1.2	671016.4	0.0
EVERGLADES 1		0.1	1.2	0.3	0.0	0.0	180.2	0.0
EVERGLADES 2		47.1	616.4	172.2	19.9	3.6	95909.4	0.0
EVERGLADES 3		202.0	2641.4	1173.1	85.5	15.5	410976.1	0.0
EVERGLADES 4		154.8	2023.8	910.7	65.5	11.9	314872.2	0.0
RIVIERA 3		462.9	5699.1	1255.0	113.2	20.6	541727.4	0.0
RIVIERA 4		538.2	6541.7	1758.0	131.6	23.9	629776.8	0.0
CAPE CAN 1		378.1	4235.0	2754.9	118.8	21.6	571505.8	0.0
CAPE CAN 2		1.6	17.9	10.6	0.5	0.1	2407.0	0.0
SANFORD 3		72.8	594.8	236.7	16.7	3.0	81131.6	0.0
PUTNAM 1		0.0	19.6	1195.3	360.1	11.1	527873.6	0.0
PUTNAM 2		0.0	16.3	1018.3	299.3	9.3	438765.1	0.0

MANATEE 1	0.9	12.3	3.0	7.3	0.1	1900.0	0.0	
MANATEE 2	45.4	602.2	136.1	357.8	3.5	92767.9	0.0	
CUTLER 5	0.0	0.0	0.2	0.0	0.0	28.6	0.0	
CUTLER 6	0.0	0.0	0.5	0.0	0.0	64.2	0.0	
MARTIN 1	76.7	963.7	324.3	666.0	7.9	215861.1	0.0	
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PLAN 1 YEAR 2011

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		162.4	2208.6	642.3	1410.1	16.7	457535.5	0.0
PFM 2-4 GT'S		0.0	0.2	0.4	0.0	0.0	97.0	0.0
PFM 2-4 GT'S		0.0	0.1	0.2	0.0	0.0	58.7	0.0
PFM 2-4 GT'S		0.0	0.1	0.2	0.0	0.0	38.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	11.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	7.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	4.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	2.7	0.0
PPE 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	27.1	0.0
PPE 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	17.9	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	38.9	548.2	107.2	4.0	1608372.0	0.0
MARTIN 4		0.0	37.1	510.1	102.3	3.8	1534080.0	0.0
2 ADV CT-FT MY		33.7	11.2	337.5	37.5	5.6	439472.1	0.0
PFMREP 1 CT/CC		384.2	128.1	3841.7	426.9	64.0	5002772.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5		248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0
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PLAN 1 YEAR 2012

ALTERNATIVE INSTALL	PMT1 EMISSIONS	SO2 EMISSIONS	NOX EMISSIONS	CO EMISSIONS	VOC EMISSIONS	CO2 EMISSIONS	HG EMISSIONS
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UNIT NAME	YEAR	TONS	TONS	TONS	TONS	TONS	TONS	TONS	
TURKEY POINT 1		207.5	2793.0	1109.2	87.8	16.0	422619.7	0.0	
TURKEY POINT 2		290.7	3923.9	1408.6	123.0	22.4	592051.7	0.0	
FT LAUD 4		0.0	15.6	676.4	51.2	1.1	603174.4	0.0	
FT LAUD 5		0.0	17.1	736.2	56.1	1.2	661182.4	0.0	
EVERGLADES 1		0.3	3.3	0.8	0.1	0.0	512.4	0.0	
EVERGLADES 2		63.7	833.2	232.8	27.0	4.9	129632.9	0.0	
EVERGLADES 3		218.6	2858.4	1269.5	92.5	16.8	444734.5	0.0	
EVERGLADES 4		242.7	3174.0	1428.3	102.7	18.7	493831.4	0.0	
RIVIERA 3		440.4	5421.4	1193.9	107.6	19.6	515324.8	0.0	
RIVIERA 4		533.7	6488.0	1743.6	130.5	23.7	624600.9	0.0	
CAPE CAN 1		491.4	5504.2	3580.5	154.5	28.1	742788.2	0.0	
CAPE CAN 2		25.0	280.9	167.2	7.9	1.4	37806.5	0.0	
SANFORD 3		91.8	749.3	298.2	21.0	3.8	102209.6	0.0	
PUTNAM 1		0.0	20.7	1257.3	378.8	11.7	555226.6	0.0	
PUTNAM 2		0.0	19.8	1237.3	363.7	11.2	533133.9	0.0	
MANATEE 1		5.8	76.7	18.5	45.7	0.4	11854.3	0.0	
MANATEE 2		56.0	743.2	168.0	441.6	4.3	114500.7	0.0	
CUTLER 5		0.0	0.0	0.6	0.1	0.0	84.8	0.0	
CUTLER 6		0.0	0.0	1.5	0.1	0.0	197.5	0.0	
MARTIN 1		96.1	1207.2	406.3	834.3	9.9	270413.3	0.0	
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PLAN 1 YEAR 2012

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		217.2	2954.4	859.2	1886.3	22.4	612040.0	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	273.4	0.0
PFM 2-4 GT'S		0.0	0.3	0.8	0.1	0.0	189.1	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	115.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	39.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	24.9	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	16.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	10.4	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	90.9	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	56.7	0.0

SCHERER 4	829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	423.3	10782.5	8513.1	2128.3	35.3	2876812.0	0.1
MARTIN 3	0.0	34.3	483.7	94.6	3.5	1419151.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY	36.8	12.3	368.1	40.9	6.1	479284.3	0.0
PFMREP 1 CT/CC	385.6	128.5	3856.4	428.5	64.3	5021874.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0

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PLAN 1 YEAR 2013

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		186.4	2509.3	996.6	78.9	14.3	379693.4	0.0
TURKEY POINT 2		283.8	3831.3	1375.3	120.1	21.8	578078.7	0.0
FT LAUD 4		0.0	17.1	741.2	56.1	1.2	660935.9	0.0
FT LAUD 5		0.0	18.9	812.5	61.9	1.3	729755.9	0.0
EVERGLADES 1		0.3	4.0	1.0	0.1	0.0	619.5	0.0
EVERGLADES 2		63.0	823.7	230.1	26.6	4.8	128153.3	0.0
EVERGLADES 3		252.4	3301.2	1466.1	106.8	19.4	513630.5	0.0
EVERGLADES 4		234.9	3071.5	1382.2	99.4	18.1	477885.4	0.0
RIVIERA 3		530.7	6533.4	1438.8	129.7	23.6	621030.7	0.0
RIVIERA 4		581.9	7073.4	1900.9	142.2	25.9	680962.6	0.0
CAPE CAN 1		446.4	4999.9	3252.5	140.3	25.5	674735.3	0.0
CAPE CAN 2		23.1	259.4	154.5	7.3	1.3	34923.2	0.0
SANFORD 3		144.3	1178.6	469.0	33.1	6.0	160764.1	0.0
PUTNAM 1		0.0	21.2	1291.4	389.1	12.0	570298.7	0.0
PUTNAM 2		0.0	19.2	1197.7	352.1	10.9	516055.7	0.0
MANATEE 1		1.8	24.2	5.8	14.4	0.1	3743.8	0.0
MANATEE 2		74.1	982.8	222.2	584.0	5.7	151405.2	0.0
CUTLER 5		0.0	0.0	0.8	0.1	0.0	107.7	0.0
CUTLER 6		0.0	0.0	1.8	0.2	0.0	233.6	0.0
MARTIN 1		104.7	1315.8	442.8	909.3	10.8	294726.0	0.0
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PLAN 1 YEAR 2013

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		190.7	2594.7	754.6	1656.6	19.6	537526.5	0.0
PFM 2-4 GT'S		0.1	0.6	1.5	0.1	0.0	347.3	0.0
PFM 2-4 GT'S		0.1	0.4	1.0	0.1	0.0	224.9	0.0
PFM 2-4 GT'S		0.0	0.3	0.6	0.0	0.0	152.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	48.0	0.0



PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	33.1	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	20.5	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	13.3	0.0
PPE 3-2 GT'S	0.0	0.1	0.5	0.0	0.0	106.9	0.0
PPE 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	76.8	0.0
SCHERER 4	879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	39.6	558.9	109.3	4.1	1639909.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY	36.4	12.1	364.1	40.4	6.1	474073.7	0.0
PFMREP 1 CT/CC	385.4	128.5	3853.8	428.2	64.2	5018544.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0
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PLAN 1 YEAR 2014

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		147.2	1980.9	786.7	62.3	11.3	299736.5	0.0
TURKEY POINT 2		226.3	3055.4	1096.8	95.8	17.4	461012.5	0.0
FT LAUD 4		0.0	13.8	596.6	45.1	1.0	532041.2	0.0
FT LAUD 5		0.0	15.3	656.7	50.0	1.1	589830.1	0.0
EVERGLADES 1		0.1	1.1	0.3	0.0	0.0	169.1	0.0
EVERGLADES 2		32.5	424.6	118.6	13.7	2.5	66064.2	0.0
EVERGLADES 3		196.8	2573.2	1142.8	83.2	15.1	400354.9	0.0
EVERGLADES 4		171.3	2239.8	1007.9	72.5	13.2	348493.4	0.0
RIVIERA 3		420.8	5180.7	1140.9	102.9	18.7	492445.6	0.0
RIVIERA 4		480.9	5845.6	1570.9	117.6	21.4	562760.5	0.0
CAPE CAN 1		373.6	4184.7	2722.2	117.4	21.4	564716.7	0.0
CAPE CAN 2		1.3	14.9	8.9	0.4	0.1	2007.2	0.0
SANFORD 3		101.2	826.5	328.9	23.2	4.2	112742.8	0.0
PUTNAM 1		0.0	17.5	1062.1	320.0	9.9	469021.7	0.0
PUTNAM 2		0.0	16.5	1030.0	302.8	9.4	443777.4	0.0
MANATEE 1		0.7	9.7	2.3	5.8	0.1	1504.7	0.0
MANATEE 2		27.0	358.7	81.1	213.1	2.1	55261.7	0.0



TURKEY POINT 1	223.7	3011.1	1195.8	94.6	17.2	455617.7	0.0
TURKEY POINT 2	250.1	3376.6	1212.1	105.8	19.2	509475.4	0.0
FT LAUD 4	0.0	14.5	627.7	47.5	1.0	559744.1	0.0
FT LAUD 5	0.0	16.0	687.6	52.4	1.1	617602.5	0.0
EVERGLADES 1	0.2	2.3	0.6	0.1	0.0	359.5	0.0
EVERGLADES 2	61.1	798.4	223.1	25.8	4.7	124222.9	0.0
EVERGLADES 3	233.3	3051.1	1355.0	98.7	17.9	474707.8	0.0
EVERGLADES 4	197.7	2584.8	1163.2	83.6	15.2	402171.2	0.0
RIVIERA 3	467.4	5754.4	1267.2	114.3	20.8	546981.0	0.0
RIVIERA 4	470.5	5719.1	1536.9	115.0	20.9	550581.4	0.0
CAPE CAN 1	427.4	4786.6	3113.8	134.3	24.4	645951.1	0.0
CAPE CAN 2	45.8	514.1	306.1	14.4	2.6	69206.9	0.0
SANFORD 3	138.5	1131.1	450.1	31.7	5.8	154281.6	0.0
PUTNAM 1	0.0	17.9	1087.5	327.6	10.1	480238.7	0.0
PUTNAM 2	0.0	16.1	1001.1	294.3	9.1	431335.1	0.0
MANATEE 1	1.5	20.3	4.9	12.1	0.1	3142.9	0.0
MANATEE 2	103.3	1371.1	310.0	814.7	7.9	211228.1	0.0
CUTLER 5	0.0	0.0	0.4	0.0	0.0	55.4	0.0
CUTLER 6	0.0	0.0	1.0	0.1	0.0	132.1	0.0
MARTIN 1	20.5	257.3	86.6	177.8	2.1	57624.5	0.0

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PLAN 1 YEAR 2015

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		195.7	2662.7	774.4	1700.0	20.1	551597.5	0.0
PFM 2-4 GT'S		0.0	0.4	0.8	0.1	0.0	194.5	0.0
PFM 2-4 GT'S		0.0	0.2	0.6	0.0	0.0	130.5	0.0
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	81.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	29.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	18.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	11.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	7.9	0.0
PPE 3-2 GT'S		0.0	0.0	0.3	0.0	0.0	64.9	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	40.2	0.0
SCHERER 4		778.3	28207.7	15378.7	3838.0	80.5	5762323.0	0.3



PLAN 1 YEAR 2016

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		45.6	620.4	180.4	396.1	4.7	128511.9	0.0
PFM 2-4 GT'S		0.0	0.1	0.2	0.0	0.0	53.8	0.0
PFM 2-4 GT'S		0.0	0.1	0.1	0.0	0.0	33.5	0.0
PFM 2-4 GT'S		0.0	0.0	0.1	0.0	0.0	23.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	7.2	0.0

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PFL 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	4.7	0.0
PFL 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	3.1	0.0
PFL 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	1.8	0.0
PPE 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	15.7	0.0
PPE 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	11.2	0.0
SCHERER 4	879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3	0.0	19.0	268.4	52.5	2.0	787580.8	0.0
MARTIN 4	0.0	27.8	383.1	76.8	2.9	1152085.0	0.0
2 ADV CT-FT MY	0.0	0.0	0.1	0.0	0.0	110.0	0.0
PFMREP 1 CT/CC	157.0	52.3	1569.8	174.4	26.2	2044167.0	0.0
PSNREP 4	164.2	54.7	1642.3	182.5	27.4	2138632.0	0.0
PSNREP 5	141.7	47.2	1417.5	157.5	23.6	1845876.0	0.0

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PLAN 1 YEAR 2017

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		193.2	2601.2	1033.0	81.8	14.9	393595.3	0.0
TURKEY POINT 2		222.1	2998.4	1076.4	94.0	17.1	452414.9	0.0
FT LAUD 4		0.0	12.2	527.5	39.9	0.8	470372.4	0.0
FT LAUD 5		0.0	13.4	575.7	43.9	0.9	517077.9	0.0
EVERGLADES 1		0.6	7.8	1.9	0.3	0.0	1222.3	0.0
EVERGLADES 2		63.0	824.2	230.3	26.7	4.8	128237.7	0.0
EVERGLADES 3		168.3	2200.6	977.3	71.2	12.9	342387.4	0.0
EVERGLADES 4		139.4	1822.7	820.2	59.0	10.7	283598.4	0.0
RIVIERA 3		416.1	5122.3	1128.0	101.7	18.5	486899.3	0.0
RIVIERA 4		482.2	5861.9	1575.3	117.9	21.4	564327.7	0.0
CAPE CAN 1		335.1	3753.1	2441.5	105.3	19.1	506482.4	0.0
CAPE CAN 2		40.0	449.1	267.4	12.6	2.3	60456.6	0.0
SANFORD 3		104.4	852.5	339.2	23.9	4.3	116279.6	0.0
PUTNAM 1		0.0	11.4	693.0	208.8	6.5	306034.0	0.0
PUTNAM 2		0.0	10.8	675.3	198.5	6.1	290984.9	0.0
MANATEE 1		25.3	335.1	80.8	199.7	1.9	51768.2	0.0

MANATEE 2	170.9	2267.1	512.6	1347.1	13.1	349260.2	0.0
CUTLER 5	0.0	0.0	0.2	0.0	0.0	34.1	0.0
CUTLER 6	0.0	0.0	0.6	0.1	0.0	75.0	0.0
MARTIN 1	0.7	9.3	3.1	6.4	0.1	2075.3	0.0
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PLAN 1 YEAR 2017

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		60.6	825.0	239.9	526.7	6.2	170900.8	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	107.7	0.0
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	71.8	0.0
PFM 2-4 GT'S		0.0	0.1	0.2	0.0	0.0	48.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	15.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	10.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	7.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	4.2	0.0
PPE 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	33.7	0.0
PPE 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	24.7	0.0
SCHERER 4		846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)		287.4	7322.0	5780.9	1445.2	24.0	1953536.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182844.0	0.1
MARTIN 3		0.0	20.4	288.3	56.4	2.1	845998.1	0.0
MARTIN 4		0.0	27.9	383.7	76.9	2.9	1153913.0	0.0
2 ADV CT-FT MY		0.0	0.0	0.2	0.0	0.0	215.0	0.0
PFMREP 1 CT/CC		166.1	55.4	1660.9	184.5	27.7	2162833.0	0.0
PSNREP 4		168.5	56.2	1685.3	187.3	28.1	2194685.0	0.0
PSNREP 5		147.4	49.1	1474.3	163.8	24.6	1919905.0	0.0
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PLAN 1 YEAR 2018

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
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TURKEY POINT 1	222.6	2997.2	1190.3	94.2	17.1	453518.2	0.0
TURKEY POINT 2	234.1	3160.7	1134.6	99.1	18.0	476903.4	0.0
FT LAUD 4	0.0	12.2	528.6	40.0	0.8	471384.1	0.0
FT LAUD 5	0.0	13.3	573.8	43.7	0.9	515343.4	0.0
EVERGLADES 1	3.5	45.1	10.9	1.5	0.3	7042.0	0.0
EVERGLADES 2	80.1	1047.7	292.7	33.9	6.2	163010.4	0.0
EVERGLADES 3	175.2	2290.9	1017.4	74.1	13.5	356440.7	0.0
EVERGLADES 4	174.0	2274.9	1023.7	73.6	13.4	353950.7	0.0
RIVIERA 3	474.0	5834.9	1285.0	115.9	21.1	554636.0	0.0
RIVIERA 4	495.4	6021.5	1618.2	121.1	22.0	579690.7	0.0
CAPE CAN 1	363.0	4065.5	2644.7	114.1	20.7	548637.8	0.0
CAPE CAN 2	52.9	593.5	353.4	16.6	3.0	79889.8	0.0
SANFORD 3	121.4	991.2	394.5	27.8	5.1	135208.6	0.0
PUTNAM 1	0.0	13.8	837.7	252.4	7.8	369935.4	0.0
PUTNAM 2	0.0	12.3	766.1	225.2	7.0	330087.5	0.0
MANATEE 1	45.6	603.6	145.6	359.7	3.5	93260.6	0.0
MANATEE 2	223.0	2958.5	668.9	1758.0	17.2	455788.1	0.0
CUTLER 5	0.0	0.0	0.3	0.0	0.0	49.2	0.0
CUTLER 6	0.0	0.0	0.9	0.1	0.0	116.8	0.0
MARTIN 1	1.4	17.8	6.0	12.3	0.1	3976.6	0.0

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PLAN 1 YEAR 2018

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		84.2	1144.9	333.0	731.0	8.7	237173.9	0.0
PFM 2-4 GT'S		0.0	0.3	0.7	0.1	0.0	173.9	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	120.1	0.0
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	74.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	27.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	18.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	11.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	8.2	0.0
PPE 3-2 GT'S		0.0	0.0	0.3	0.0	0.0	61.1	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	39.1	0.0



SCHERER 4	846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	387.3	9864.8	7788.6	1947.1	32.3	2631975.0	0.1
MARTIN 3	0.0	21.2	299.1	58.5	2.2	877665.6	0.0
MARTIN 4	0.0	29.1	400.3	80.3	3.0	1203767.0	0.0
2 ADV CT-FT MY	0.0	0.0	0.3	0.0	0.0	431.2	0.0
PFMREP 1 CT/CC	174.1	58.0	1740.6	193.4	29.0	2266593.0	0.0
PSNREP 4	172.5	57.5	1725.3	191.7	28.8	2246683.0	0.0
PSNREP 5	151.8	50.6	1518.4	168.7	25.3	1977267.0	0.0

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PLAN 1 YEAR 2019

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		232.0	3122.6	1240.1	98.1	17.8	472497.0	0.0
TURKEY POINT 2		252.7	3411.5	1224.6	106.9	19.4	514732.1	0.0
FT LAUD 4		0.0	13.4	580.2	43.9	0.9	517402.3	0.0
FT LAUD 5		0.0	14.7	631.7	48.1	1.0	567327.9	0.0
EVERGLADES 1		10.8	140.9	34.1	4.6	0.8	21982.1	0.0
EVERGLADES 2		84.8	1108.8	309.8	35.9	6.5	172523.8	0.0
EVERGLADES 3		197.7	2585.8	1148.4	83.7	15.2	402314.1	0.0
EVERGLADES 4		181.6	2374.2	1068.4	76.8	14.0	369401.5	0.0
RIVIERA 3		486.9	5994.4	1320.1	119.0	21.6	569791.4	0.0
RIVIERA 4		530.9	6453.0	1734.2	129.8	23.6	621232.7	0.0
CAPE CAN 1		375.8	4208.8	2737.9	118.1	21.5	567979.9	0.0
CAPE CAN 2		59.4	667.2	397.3	18.7	3.4	89810.7	0.0
SANFORD 3		127.7	1042.6	414.9	29.3	5.3	142214.2	0.0
PUTNAM 1		0.0	14.7	896.0	270.0	8.3	395687.2	0.0
PUTNAM 2		0.0	12.5	780.3	229.4	7.1	336204.9	0.0
MANATEE 1		54.0	714.8	172.5	426.0	4.2	110445.6	0.0
MANATEE 2		241.2	3201.1	723.7	1902.1	18.6	493159.4	0.0
CUTLER 5		0.0	0.0	0.4	0.0	0.0	54.4	0.0
CUTLER 6		0.0	0.0	1.0	0.1	0.0	125.6	0.0
MARTIN 1		6.1	76.5	25.7	52.9	0.6	17130.2	0.0

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PLAN 1 YEAR 2019

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		95.7	1301.2	378.4	830.8	9.8	269566.4	0.0
PFM 2-4 GT'S		0.0	0.3	0.8	0.1	0.0	177.6	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	127.6	0.0
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	80.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	28.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	20.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	12.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	8.5	0.0
PPE 3-2 GT'S		0.0	0.0	0.3	0.0	0.0	63.2	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	43.7	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	19.5	274.8	53.7	2.0	806185.9	0.0
MARTIN 4		0.0	29.3	402.8	80.8	3.0	1211388.0	0.0
2 ADV CT-FT MY		0.1	0.0	0.6	0.1	0.0	762.3	0.0
PFMREP 1 CT/CC		179.6	59.9	1796.2	199.6	29.9	2339060.0	0.0
PSNREP 4		173.8	57.9	1738.3	193.1	29.0	2263688.0	0.0
PSNREP 5		153.4	51.1	1534.2	170.5	25.6	1997891.0	0.0
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PLAN 1 YEAR 2020

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		234.4	3155.3	1253.1	99.2	18.0	477434.9	0.0
TURKEY POINT 2		272.5	3679.0	1320.7	115.3	21.0	555097.8	0.0
FT LAUD 4		0.0	13.9	602.5	45.6	1.0	537258.0	0.0
FT LAUD 5		0.0	15.2	653.5	49.8	1.0	586922.5	0.0
EVERGLADES 1		14.8	192.4	46.5	6.2	1.1	30017.9	0.0

EVERGLADES 2	98.5	1288.3	360.0	41.7	7.6	200438.7	0.0
EVERGLADES 3	220.5	2883.5	1280.6	93.3	17.0	448638.1	0.0
EVERGLADES 4	198.2	2592.0	1166.4	83.9	15.2	403289.3	0.0
RIVIERA 3	471.0	5798.6	1277.0	115.1	20.9	551185.2	0.0
RIVIERA 4	553.3	6726.1	1807.6	135.3	24.6	647526.9	0.0
CAPE CAN 1	389.3	4359.7	2836.0	122.3	22.2	588338.4	0.0
CAPE CAN 2	85.8	963.5	573.7	27.0	4.9	129686.2	0.0
SANFORD 3	141.4	1155.0	459.6	32.4	5.9	157547.1	0.0
PUTNAM 1	0.0	15.5	940.8	283.5	8.8	415486.4	0.0
PUTNAM 2	0.0	15.1	942.4	277.0	8.6	406057.1	0.0
MANATEE 1	85.8	1134.5	273.7	676.1	6.6	175293.9	0.0
MANATEE 2	288.3	3825.0	864.8	2272.8	22.2	589273.9	0.0
CUTLER 5	0.0	0.0	0.5	0.0	0.0	64.9	0.0
CUTLER 6	0.0	0.0	1.1	0.1	0.0	141.7	0.0
MARTIN 1	16.0	201.4	67.8	139.2	1.6	45115.9	0.0

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PLAN 1 YEAR 2020

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		131.8	1792.6	521.3	1144.5	13.6	371346.9	0.0
PFM 2-4 GT'S		0.0	0.4	0.9	0.1	0.0	207.3	0.0
PFM 2-4 GT'S		0.0	0.3	0.6	0.0	0.0	141.4	0.0
PFM 2-4 GT'S		0.0	0.2	0.4	0.0	0.0	98.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	33.9	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	22.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	15.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	9.4	0.0
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	69.1	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	51.3	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3		0.0	22.1	311.1	60.8	2.3	912636.0	0.0
MARTIN 4		0.0	27.1	372.6	74.7	2.8	1120729.0	0.0
2 ADV CT-FT MY		0.2	0.1	2.4	0.3	0.0	3080.0	0.0
PFMREP 1 CT/CC		183.8	61.3	1838.1	204.2	30.6	2393584.0	0.0
PSNREP 4		178.7	59.6	1786.8	198.5	29.8	2326859.0	0.0
PSNREP 5		157.0	52.3	1569.7	174.4	26.2	2044054.0	0.0

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PLAN 1 YEAR 2021

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		269.8	3632.2	1442.5	114.2	20.8	549607.1	0.0
TURKEY POINT 2		248.2	3350.3	1202.7	105.0	19.1	505497.4	0.0
FT LAUD 4		0.0	14.3	617.7	46.7	1.0	550814.8	0.0
FT LAUD 5		0.0	15.5	667.6	50.9	1.1	599646.1	0.0
EVERGLADES 1		22.1	288.0	69.7	9.3	1.7	44936.0	0.0
EVERGLADES 2		107.8	1410.0	394.0	45.6	8.3	219377.6	0.0

EVERGLADES 3	235.1	3074.4	1365.4	99.5	18.1	478336.4	0.0	
EVERGLADES 4	189.0	2471.3	1112.1	80.0	14.5	384507.0	0.0	
RIVIERA 3	493.8	6079.7	1338.8	120.7	21.9	577897.0	0.0	
RIVIERA 4	569.0	6916.9	1858.8	139.1	25.3	665892.7	0.0	
CAPE CAN 1	448.3	5021.0	3266.2	140.9	25.6	677581.9	0.0	
CAPE CAN 2	114.5	1285.4	765.4	36.0	6.5	173021.6	0.0	
SANFORD 3	137.4	1122.1	446.5	31.5	5.7	153054.0	0.0	
PUTNAM 1	0.0	15.6	950.6	286.4	8.9	419804.8	0.0	
PUTNAM 2	0.0	13.8	862.0	253.4	7.8	371418.9	0.0	
MANATEE 1	124.2	1643.8	396.6	979.6	9.6	253974.4	0.0	
MANATEE 2	334.1	4433.8	1002.4	2634.6	25.7	683059.2	0.0	
CUTLER 5	0.0	0.0	0.7	0.1	0.0	93.1	0.0	
CUTLER 6	0.0	0.0	1.7	0.2	0.0	214.6	0.0	
MARTIN 1	37.4	469.3	157.9	324.4	3.8	105130.4	0.0	
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PLAN 1 YEAR 2021

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		142.8	1942.1	564.8	1240.0	14.7	402335.7	0.0
PFM 2-4 GT'S		0.1	0.6	1.4	0.1	0.0	334.6	0.0
PFM 2-4 GT'S		0.1	0.4	1.0	0.1	0.0	233.9	0.0
PFM 2-4 GT'S		0.0	0.3	0.6	0.0	0.0	149.0	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	57.1	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	40.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	24.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	17.9	0.0
PPE 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	123.9	0.0
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	81.7	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	22.3	313.8	61.4	2.3	920807.6	0.0
MARTIN 4		0.0	28.9	397.3	79.7	3.0	1195033.0	0.0
2 ADV CT-FT MY		1.2	0.4	11.8	1.3	0.2	15379.3	0.0
PFMREP 1 CT/CC		186.8	62.3	1868.5	207.6	31.1	2433142.0	0.0

PSNREP 4 178.9 59.6 1788.5 198.7 29.8 2329064.0 0.0  
 PSNREP 5 157.9 52.6 1578.6 175.4 26.3 2055649.0 0.0  
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PLAN 1 YEAR 2022

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		302.4	4070.9	1616.7	127.9	23.3	615981.2	0.0
TURKEY POINT 2		362.2	4889.8	1755.3	153.2	27.9	737793.9	0.0
FT LAUD 4		0.0	14.8	640.7	48.5	1.0	571333.4	0.0
FT LAUD 5		0.0	16.0	687.1	52.3	1.1	617163.6	0.0
EVERGLADES 1		33.3	434.2	105.0	14.1	2.6	67755.1	0.0
EVERGLADES 2		124.9	1633.4	456.4	52.8	9.6	254131.2	0.0
EVERGLADES 3		224.1	2931.0	1301.7	94.8	17.2	456030.9	0.0
EVERGLADES 4		253.9	3320.5	1494.2	107.4	19.5	516623.6	0.0
RIVIERA 3		484.3	5961.9	1312.9	118.4	21.5	566702.4	0.0
RIVIERA 4		583.2	7089.6	1905.2	142.6	25.9	682516.7	0.0
CAPE CAN 1		528.8	5922.6	3852.7	166.2	30.2	799245.9	0.0
CAPE CAN 2		200.7	2253.0	1341.5	63.1	11.5	303269.9	0.0
SANFORD 3		169.7	1385.6	551.4	38.9	7.1	188994.0	0.0
PUTNAM 1		0.0	17.2	1044.2	314.6	9.7	461122.3	0.0
PUTNAM 2		0.0	17.4	1088.1	319.9	9.9	468845.0	0.0
MANATEE 1		285.6	3779.2	911.8	2252.1	22.0	583911.2	0.0
MANATEE 2		310.0	4113.5	930.0	2444.2	23.8	633716.7	0.0
CUTLER 5		0.0	0.0	1.6	0.2	0.0	220.7	0.0
CUTLER 6		0.0	0.0	3.8	0.3	0.0	497.2	0.0
MARTIN 1		56.1	705.3	237.4	487.4	5.8	157987.1	0.0

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PLAN 1 YEAR 2022

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
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MARTIN 2	111.4	1515.0	440.6	967.3	11.5	313850.8	0.0
PFM 2-4 GT'S	0.2	1.5	3.4	0.2	0.0	798.3	0.0
PFM 2-4 GT'S	0.1	1.0	2.4	0.2	0.0	566.6	0.0
PFM 2-4 GT'S	0.1	0.7	1.6	0.1	0.0	372.2	0.0
PFL 3-2 GT'S	0.0	0.2	0.6	0.0	0.0	150.8	0.0
PFL 3-2 GT'S	0.0	0.1	0.5	0.0	0.0	108.0	0.0
PFL 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	67.7	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	49.4	0.0
PPE 3-2 GT'S	0.1	0.2	1.3	0.1	0.0	313.9	0.0
PPE 3-2 GT'S	0.0	0.2	0.9	0.1	0.0	210.8	0.0
SCHERER 4	829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
MARTIN 3	0.0	20.9	294.3	57.6	2.2	863344.1	0.0
MARTIN 4	0.0	31.2	429.9	86.2	3.2	1292785.0	0.0
2 ADV CT-FT MY	2.2	0.7	22.4	2.5	0.4	29218.7	0.0
PFMREP 1 CT/CC	202.1	67.4	2020.5	224.5	33.7	2631144.0	0.0
PSNREP 4	187.0	62.3	1870.0	207.8	31.2	2435096.0	0.0
PSNREP 5	165.9	55.3	1659.4	184.4	27.7	2160885.0	0.0
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PLAN 1 YEAR 2023

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		265.9	3579.5	1421.6	112.5	20.5	541625.7	0.0
TURKEY POINT 2		332.8	4492.3	1612.6	140.8	25.6	677806.9	0.0
FT LAUD 4		0.0	15.6	675.5	51.1	1.1	602364.2	0.0
FT LAUD 5		0.0	17.0	730.0	55.6	1.2	655665.7	0.0
EVERGLADES 1		47.1	614.1	148.5	19.9	3.6	95830.6	0.0
EVERGLADES 2		112.8	1474.5	412.0	47.7	8.7	229409.5	0.0
EVERGLADES 3		253.4	3314.2	1471.9	107.2	19.5	515649.9	0.0
EVERGLADES 4		240.1	3139.2	1412.6	101.6	18.5	488421.6	0.0
RIVIERA 3		585.4	7206.5	1587.0	143.1	26.0	685010.9	0.0
RIVIERA 4		636.1	7732.6	2078.1	155.5	28.3	744423.0	0.0
CAPE CAN 1		468.1	5243.1	3410.7	147.1	26.8	707555.3	0.0
CAPE CAN 2		189.0	2121.7	1263.3	59.4	10.8	285595.9	0.0
SANFORD 3		173.1	1413.7	562.6	39.7	7.2	192829.2	0.0

PUTNAM 1	0.0	16.7	1015.5	306.0	9.5	448465.7	0.0
PUTNAM 2	0.0	16.0	999.9	293.9	9.1	430842.1	0.0
MANATEE 1	181.5	2401.2	579.4	1430.9	14.0	370996.4	0.0
MANATEE 2	372.2	4939.4	1116.7	2935.0	28.6	760948.9	0.0
CUTLER 5	0.0	0.0	1.2	0.1	0.0	167.7	0.0
CUTLER 6	0.0	0.0	2.7	0.2	0.0	355.9	0.0
MARTIN 1	48.6	610.1	205.3	421.6	5.0	136660.6	0.0

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PLAN 1 YEAR 2023

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		76.9	1046.1	304.2	667.9	7.9	216719.1	0.0
PFM 2-4 GT'S		0.1	1.0	2.4	0.2	0.0	565.9	0.0
PFM 2-4 GT'S		0.1	0.7	1.6	0.1	0.0	373.2	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	273.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	105.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	66.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	48.5	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	31.5	0.0
PPE 3-2 GT'S		0.0	0.2	0.9	0.1	0.0	203.0	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	144.7	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
MARTIN 3		0.0	23.9	337.6	66.0	2.5	990371.7	0.0
MARTIN 4		0.0	31.2	429.1	86.0	3.2	1290591.0	0.0
2 ADV CT-FT MY		1.8	0.6	18.3	2.0	0.3	23883.4	0.0
PFMREP 1 CT/CC		199.2	66.4	1991.5	221.3	33.2	2593428.0	0.0
PSNREP 4		186.6	62.2	1866.0	207.3	31.1	2429985.0	0.0
PSNREP 5		165.6	55.2	1655.5	183.9	27.6	2155839.0	0.0

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PLAN 1 YEAR 2024



UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		289.6	3899.0	1548.5	122.5	22.3	589981.0	0.0
TURKEY POINT 2		339.8	4587.7	1646.9	143.8	26.1	692210.1	0.0
FT LAUD 4		0.0	15.5	673.0	50.9	1.1	600141.2	0.0
FT LAUD 5		0.0	16.9	725.7	55.3	1.2	651782.4	0.0
EVERGLADES 1		44.1	575.3	139.2	18.7	3.4	89774.1	0.0
EVERGLADES 2		118.0	1542.6	431.0	49.9	9.1	240010.4	0.0
EVERGLADES 3		245.0	3204.2	1423.0	103.7	18.8	498533.8	0.0
EVERGLADES 4		223.0	2916.1	1312.2	94.3	17.2	453706.4	0.0
RIVIERA 3		595.5	7331.1	1614.4	145.6	26.5	696847.0	0.0
RIVIERA 4		646.9	7863.4	2113.2	158.1	28.8	757013.6	0.0

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CAPE CAN 1	513.1	5747.0	3738.5	161.3	29.3	775558.5	0.0
CAPE CAN 2	200.9	2255.8	1343.2	63.1	11.5	303649.4	0.0
SANFORD 3	214.4	1750.7	696.7	49.1	8.9	238805.2	0.0
PUTNAM 1	0.0	17.0	1033.7	311.4	9.6	456477.6	0.0
PUTNAM 2	0.0	16.9	1056.0	310.4	9.6	454993.1	0.0
MANATEE 1	221.8	2935.1	708.2	1749.1	17.1	453497.7	0.0
MANATEE 2	355.5	4717.3	1066.5	2803.0	27.3	726734.9	0.0
CUTLER 5	0.0	0.0	1.0	0.1	0.0	140.7	0.0
CUTLER 6	0.0	0.0	2.4	0.2	0.0	307.3	0.0
MARTIN 1	39.8	499.8	168.2	345.4	4.1	111952.3	0.0

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UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		75.9	1032.7	300.3	659.3	7.8	213934.8	0.0
PFM 2-4 GT'S		0.1	0.8	1.9	0.1	0.0	454.3	0.0
PFM 2-4 GT'S		0.1	0.6	1.4	0.1	0.0	323.2	0.0
PFM 2-4 GT'S		0.1	0.4	1.0	0.1	0.0	225.0	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	82.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	56.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	39.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	24.3	0.0
PPE 3-2 GT'S		0.0	0.1	0.7	0.0	0.0	163.7	0.0
PPE 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	123.4	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
MARTIN 3		0.0	24.2	340.7	66.6	2.5	999625.2	0.0
MARTIN 4		0.0	28.2	388.6	77.9	2.9	1168597.0	0.0
2 ADV CT-FT MY		1.7	0.6	16.6	1.8	0.3	21669.1	0.0
PFMREP 1 CT/CC		201.4	67.1	2014.1	223.8	33.6	2622762.0	0.0
PSNREP 4		188.0	62.7	1879.7	208.9	31.3	2447784.0	0.0
PSNREP 5		166.9	55.6	1669.1	185.5	27.8	2173530.0	0.0

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PLAN 1 YEAR 2025

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		310.6	4181.3	1660.6	131.4	23.9	632688.1	0.0
TURKEY POINT 2		346.6	4679.2	1679.7	146.6	26.7	706009.1	0.0
FT LAUD 4		0.0	16.4	710.0	53.7	1.1	633162.5	0.0
FT LAUD 5		0.0	17.8	764.3	58.2	1.2	686474.6	0.0
EVERGLADES 1		58.9	768.0	185.8	24.9	4.5	119840.0	0.0
EVERGLADES 2		129.6	1694.7	473.5	54.8	10.0	263675.2	0.0
EVERGLADES 3		256.2	3350.3	1487.9	108.4	19.7	521272.6	0.0
EVERGLADES 4		254.0	3322.2	1495.0	107.5	19.5	516893.8	0.0
RIVIERA 3		632.8	7790.7	1715.6	154.7	28.1	740536.6	0.0
RIVIERA 4		632.0	7682.3	2064.5	154.5	28.1	739576.4	0.0
CAPE CAN 1		546.3	6118.7	3980.3	171.7	31.2	825708.1	0.0
CAPE CAN 2		230.3	2586.0	1539.8	72.4	13.2	348093.0	0.0
SANFORD 3		289.2	2361.6	939.8	66.3	12.0	322126.7	0.0
PUTNAM 1		0.0	18.4	1119.9	337.4	10.4	494562.4	0.0
PUTNAM 2		0.0	16.6	1037.6	305.0	9.4	447089.5	0.0
MANATEE 1		271.1	3587.0	865.5	2137.6	20.9	554215.7	0.0
MANATEE 2		381.7	5065.0	1145.1	3009.7	29.4	780307.6	0.0
CUTLER 5		0.0	0.0	1.5	0.1	0.0	207.3	0.0
CUTLER 6		0.0	0.0	3.5	0.3	0.0	452.4	0.0
MARTIN 1		55.6	698.2	234.9	482.5	5.7	156383.8	0.0

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PLAN 1 YEAR 2025

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		94.9	1291.2	375.5	824.4	9.8	267491.2	0.0
PFM 2-4 GT'S		0.2	1.4	3.2	0.2	0.0	743.7	0.0
PFM 2-4 GT'S		0.1	0.9	2.2	0.2	0.0	516.1	0.0
PFM 2-4 GT'S		0.1	0.6	1.5	0.1	0.0	344.4	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	139.8	0.0

PFL 3-2 GT'S	0.0	0.1	0.4	0.0	0.0	97.6	0.0
PFL 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	61.6	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	45.3	0.0
PPE 3-2 GT'S	0.1	0.2	1.2	0.1	0.0	288.7	0.0
PPE 3-2 GT'S	0.0	0.1	0.8	0.1	0.0	189.9	0.0
SCHERER 4	778.3	28207.7	15378.7	3838.0	80.5	5762323.0	0.3
SJRPP 1 (OWN)	257.5	6559.3	5178.8	1294.7	21.5	1750058.0	0.0
MARTIN 3	0.0	24.1	339.6	66.4	2.5	996385.7	0.0
MARTIN 4	0.0	32.0	440.9	88.4	3.3	1326142.0	0.0
2 ADV CT-FT MY	2.1	0.7	21.5	2.4	0.4	27947.8	0.0
PFMREP 1 CT/CC	210.7	70.2	2107.3	234.1	35.1	2744125.0	0.0
PSNREP 4	193.2	64.4	1931.8	214.6	32.2	2515594.0	0.0
PSNREP 5	172.1	57.4	1721.5	191.3	28.7	2241725.0	0.0
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PLAN 1 YEAR 2026

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		340.6	4585.2	1821.0	144.1	26.2	693806.7	0.0
TURKEY POINT 2		378.9	5114.8	1836.1	160.3	29.1	771735.4	0.0
FT LAUD 4		0.0	16.1	697.1	52.7	1.1	621604.4	0.0
FT LAUD 5		0.0	17.3	745.6	56.8	1.2	669665.3	0.0
EVERGLADES 1		63.7	830.8	201.0	27.0	4.9	129646.0	0.0
EVERGLADES 2		135.2	1767.6	493.9	57.2	10.4	275024.3	0.0
EVERGLADES 3		276.7	3618.6	1607.1	117.1	21.3	563014.5	0.0
EVERGLADES 4		264.2	3454.8	1554.6	111.8	20.3	537519.7	0.0
RIVIERA 3		659.8	8123.1	1788.8	161.3	29.3	772133.6	0.0
RIVIERA 4		715.6	8698.5	2337.6	174.9	31.8	837414.1	0.0
CAPE CAN 1		577.2	6464.8	4205.4	181.4	33.0	872424.1	0.0
CAPE CAN 2		219.6	2465.9	1468.3	69.0	12.5	331928.0	0.0
SANFORD 3		325.7	2659.5	1058.4	74.6	13.6	362770.7	0.0
PUTNAM 1		0.0	19.2	1169.4	352.3	10.9	516417.9	0.0
PUTNAM 2		0.0	17.3	1077.3	316.7	9.8	464167.7	0.0
MANATEE 1		278.8	3688.3	889.9	2198.0	21.4	569865.0	0.0
MANATEE 2		437.2	5800.9	1311.5	3446.9	33.6	893674.0	0.0

CUTLER 5	0.0	0.0	2.1	0.2	0.0	290.3	0.0	
CUTLER 6	0.0	0.0	4.9	0.4	0.0	638.6	0.0	
MARTIN 1	57.5	722.0	243.0	499.0	5.9	161732.1	0.0	
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PLAN 1 YEAR 2026

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		103.9	1412.8	410.9	902.0	10.7	292680.7	0.0
PFM 2-4 GT'S		0.2	1.7	4.1	0.3	0.0	961.3	0.0
PFM 2-4 GT'S		0.2	1.3	3.0	0.2	0.0	713.1	0.0
PFM 2-4 GT'S		0.1	0.9	2.1	0.1	0.0	486.9	0.0
PFL 3-2 GT'S		0.0	0.3	0.8	0.1	0.0	188.3	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	137.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	94.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	60.3	0.0
PPE 3-2 GT'S		0.1	0.3	1.6	0.1	0.0	380.0	0.0
PPE 3-2 GT'S		0.1	0.2	1.2	0.1	0.0	284.2	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
MARTIN 3		0.0	24.7	347.7	68.0	2.6	1020150.6	0.0
MARTIN 4		0.0	32.5	447.2	89.7	3.4	1344993.0	0.0
2 ADV CT-FT MY		2.6	0.9	25.5	2.8	0.4	33208.0	0.0

PFMREP 1 CT/CC		216.9	72.3	2168.8	241.0	36.1	2824204.0	0.0
PSNREP 4		196.7	65.6	1967.4	218.6	32.8	2561952.0	0.0
PSNREP 5		175.9	58.6	1758.9	195.4	29.3	2290539.0	0.0
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PLAN 1 YEAR 2027

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		332.1	4470.7	1775.5	140.5	25.5	676487.1	0.0

TURKEY POINT 2	380.2	5133.3	1842.7	160.9	29.2	774527.4	0.0
FT LAUD 4	0.0	17.2	743.6	56.2	1.2	663088.4	0.0
FT LAUD 5	0.0	18.6	799.1	60.9	1.3	717684.9	0.0
EVERGLADES 1	60.5	789.3	190.9	25.6	4.7	123173.2	0.0
EVERGLADES 2	127.2	1664.0	464.9	53.8	9.8	258893.0	0.0
EVERGLADES 3	278.8	3646.1	1619.3	118.0	21.4	567282.5	0.0
EVERGLADES 4	246.9	3228.1	1452.6	104.4	19.0	502255.5	0.0
RIVIERA 3	636.1	7831.6	1724.6	155.5	28.3	744425.0	0.0
RIVIERA 4	716.7	8712.0	2341.3	175.2	31.9	838711.4	0.0
CAPE CAN 1	602.2	6745.2	4387.8	189.3	34.4	910254.0	0.0
CAPE CAN 2	247.6	2779.6	1655.1	77.8	14.1	374155.5	0.0
SANFORD 3	343.6	2805.8	1116.6	78.7	14.3	382718.5	0.0
PUTNAM 1	0.0	18.9	1151.7	347.0	10.7	508589.9	0.0
PUTNAM 2	0.0	16.2	1008.2	296.4	9.2	434406.2	0.0
MANATEE 1	304.8	4032.9	973.0	2403.3	23.4	623104.0	0.0
MANATEE 2	425.0	5639.6	1275.0	3351.1	32.7	868832.4	0.0
CUTLER 5	0.0	0.0	2.3	0.2	0.0	325.3	0.0
CUTLER 6	0.0	0.0	5.4	0.5	0.0	701.3	0.0
MARTIN 1	67.0	841.5	283.2	581.5	6.9	188489.4	0.0
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PLAN 1 YEAR 2027

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		102.8	1398.8	406.8	893.0	10.6	289765.9	0.0
PFM 2-4 GT'S		0.3	2.0	4.6	0.3	0.0	1076.0	0.0
PFM 2-4 GT'S		0.2	1.4	3.3	0.2	0.0	777.4	0.0
PFM 2-4 GT'S		0.1	1.0	2.4	0.2	0.0	554.3	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	216.6	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	149.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	107.8	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	67.6	0.0
PPE 3-2 GT'S		0.1	0.3	1.8	0.1	0.0	415.4	0.0
PPE 3-2 GT'S		0.1	0.2	1.3	0.1	0.0	315.8	0.0
SCHERER 4		846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0

MARTIN 3	0.0	25.4	357.6	69.9	2.6	1049053.0	0.0	
MARTIN 4	0.0	32.0	440.6	88.3	3.3	1325099.0	0.0	
2 ADV CT-FT MY	2.7	0.9	27.0	3.0	0.4	35102.3	0.0	
PFMREP 1 CT/CC	218.9	73.0	2188.8	243.2	36.5	2850260.0	0.0	
PSNREP 4	198.0	66.0	1980.5	220.1	33.0	2579037.0	0.0	
PSNREP 5	177.3	59.1	1773.2	197.0	29.6	2309161.0	0.0	
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UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		349.5	4704.2	1868.2	147.8	26.9	711812.1	0.0
TURKEY POINT 2		367.5	4960.9	1780.9	155.5	28.3	748522.7	0.0
FT LAUD 4		0.0	16.2	701.0	53.0	1.1	625138.4	0.0
FT LAUD 5		0.0	17.4	749.7	57.1	1.2	673365.9	0.0
EVERGLADES 1		66.2	863.6	208.9	28.0	5.1	134769.9	0.0
EVERGLADES 2		138.1	1805.6	504.5	58.4	10.6	280934.1	0.0
EVERGLADES 3		259.2	3389.5	1505.3	109.7	19.9	527367.8	0.0
EVERGLADES 4		269.4	3523.5	1585.6	114.0	20.7	548220.9	0.0
RIVIERA 3		665.3	8190.4	1803.7	162.6	29.6	778528.7	0.0
RIVIERA 4		692.8	8421.6	2263.2	169.4	30.8	810747.9	0.0
CAPE CAN 1		605.6	6782.3	4412.0	190.3	34.6	915269.9	0.0
CAPE CAN 2		246.0	2762.3	1644.8	77.3	14.1	371826.5	0.0
SANFORD 3		345.6	2822.2	1123.1	79.2	14.4	384960.0	0.0
PUTNAM 1		0.0	18.6	1134.4	341.8	10.6	500975.6	0.0
PUTNAM 2		0.0	16.9	1053.1	309.6	9.6	453755.2	0.0
MANATEE 1		287.9	3809.1	919.1	2270.0	22.1	588526.6	0.0
MANATEE 2		432.4	5737.3	1297.1	3409.1	33.3	883880.5	0.0
CUTLER 5		0.0	0.0	2.1	0.2	0.0	298.4	0.0
CUTLER 6		0.0	0.0	5.0	0.5	0.0	652.6	0.0
MARTIN 1		64.5	810.7	272.8	560.3	6.6	181593.7	0.0
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PLAN 1 YEAR 2028

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		110.2	1499.2	436.0	957.2	11.3	310582.4	0.0
PFM 2-4 GT'S		0.2	1.8	4.2	0.3	0.0	984.5	0.0
PFM 2-4 GT'S		0.2	1.3	3.1	0.2	0.0	726.9	0.0
PFM 2-4 GT'S		0.1	0.9	2.1	0.1	0.0	502.4	0.0
PFL 3-2 GT'S		0.0	0.3	0.8	0.1	0.0	194.0	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	139.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	97.3	0.0



PFL 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	61.5	0.0
PPE 3-2 GT'S	0.1	0.3	1.6	0.1	0.0	385.9	0.0
PPE 3-2 GT'S	0.1	0.2	1.2	0.1	0.0	291.1	0.0
SCHERER 4	846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
MARTIN 3	0.0	25.3	356.2	69.7	2.6	1045138.2	0.0
MARTIN 4	0.0	32.6	448.6	89.9	3.4	1349046.0	0.0
2 ADV CT-FT MY	2.6	0.9	25.8	2.9	0.4	33648.8	0.0
PFMREP 1 CT/CC	217.9	72.6	2178.8	242.1	36.3	2837343.0	0.0
PSNREP 4	197.5	65.8	1974.9	219.4	32.9	2571774.0	0.0
PSNREP 5	176.7	58.9	1767.1	196.3	29.5	2301184.0	0.0
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PLAN 1 YEAR 2029

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		344.8	4640.9	1843.1	145.9	26.5	702236.3	0.0
TURKEY POINT 2		399.5	5393.6	1936.2	169.0	30.7	813800.1	0.0
FT LAUD 4		0.0	17.2	745.3	56.4	1.2	664617.2	0.0
FT LAUD 5		0.0	18.6	800.8	61.0	1.3	719262.7	0.0
EVERGLADES 1		67.7	882.4	213.5	28.6	5.2	137702.9	0.0
EVERGLADES 2		136.0	1778.7	497.0	57.5	10.5	276738.6	0.0
EVERGLADES 3		278.2	3637.8	1615.6	117.7	21.4	565993.7	0.0
EVERGLADES 4		265.7	3474.7	1563.6	112.4	20.4	540627.2	0.0
RIVIERA 3		662.5	8155.8	1796.0	161.9	29.4	775245.6	0.0
RIVIERA 4		718.4	8732.4	2346.7	175.6	31.9	840670.4	0.0
CAPE CAN 1		633.8	7098.6	4617.7	199.2	36.2	957950.2	0.0
CAPE CAN 2		229.5	2576.7	1534.2	72.1	13.1	346842.9	0.0
SANFORD 3		343.3	2803.5	1115.7	78.7	14.3	382401.7	0.0
PUTNAM 1		0.0	17.7	1078.0	324.8	10.0	476062.9	0.0
PUTNAM 2		0.0	14.3	890.2	261.7	8.1	383548.3	0.0
MANATEE 1		265.9	3518.6	849.0	2096.8	20.5	543645.1	0.0
MANATEE 2		417.7	5543.1	1253.2	3293.7	32.1	853964.4	0.0
CUTLER 5		0.0	0.0	2.3	0.2	0.0	322.3	0.0
CUTLER 6		0.0	0.0	5.4	0.5	0.0	695.8	0.0
MARTIN 1		66.7	838.1	282.0	579.2	6.9	187734.6	0.0

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PLAN 1 YEAR 2029

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		113.9	1549.7	450.7	989.4	11.7	321032.2	0.0
PFM 2-4 GT'S		0.2	1.9	4.5	0.3	0.0	1064.6	0.0
PFM 2-4 GT'S		0.2	1.4	3.3	0.2	0.0	771.6	0.0
PFM 2-4 GT'S		0.1	1.0	2.3	0.2	0.0	548.2	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	213.7	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	148.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	106.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	66.8	0.0
PPE 3-2 GT'S		0.1	0.3	1.8	0.1	0.0	411.5	0.0
PPE 3-2 GT'S		0.1	0.2	1.3	0.1	0.0	312.9	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
MARTIN 3		0.0	22.8	322.0	63.0	2.4	944804.9	0.0
MARTIN 4		0.0	32.6	448.4	89.9	3.4	1348487.0	0.0
2 ADV CT-FT MY		2.7	0.9	26.8	3.0	0.4	34945.3	0.0
PFMREP 1 CT/CC		219.3	73.1	2192.8	243.6	36.5	2855487.0	0.0
PSNREP 4		197.4	65.8	1973.8	219.3	32.9	2570270.0	0.0
PSNREP 5		176.6	58.9	1765.9	196.2	29.4	2299565.0	0.0

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UNIT EMISSIONS ANNUAL REPORT

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PLAN 1 YEAR 2030

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		331.4	4461.7	1771.9	140.2	25.5	675118.7	0.0
TURKEY POINT 2		405.8	5478.9	1966.8	171.7	31.2	826672.7	0.0
FT LAUD 4		0.0	17.3	748.0	56.6	1.2	666998.9	0.0
FT LAUD 5		0.0	18.7	803.6	61.2	1.3	721782.0	0.0

EVERGLADES 1	66.8	870.5	210.6	28.2	5.1	135833.7	0.0
EVERGLADES 2	139.8	1828.5	510.9	59.2	10.8	284497.8	0.0
EVERGLADES 3	283.8	3711.7	1648.4	120.1	21.8	577500.0	0.0
EVERGLADES 4	261.6	3421.5	1539.7	110.7	20.1	532352.7	0.0
RIVIERA 3	615.2	7573.5	1667.8	150.4	27.3	719890.9	0.0
RIVIERA 4	721.0	8764.2	2355.3	176.2	32.0	843739.1	0.0
CAPE CAN 1	574.9	6439.4	4188.9	180.7	32.9	868987.6	0.0
CAPE CAN 2	251.4	2823.3	1681.1	79.0	14.4	380036.7	0.0
SANFORD 3	382.7	3125.6	1243.9	87.7	15.9	426348.6	0.0
PUTNAM 1	0.0	17.5	1062.8	320.2	9.9	469326.1	0.0
PUTNAM 2	0.0	15.7	978.1	287.5	8.9	421451.5	0.0
MANATEE 1	310.4	4107.1	990.9	2447.5	23.9	634565.7	0.0
MANATEE 2	430.7	5715.1	1292.1	3395.9	33.1	880462.0	0.0
CUTLER 5	0.0	0.0	3.3	0.3	0.0	470.3	0.0
CUTLER 6	0.0	0.0	7.8	0.7	0.0	1011.1	0.0
MARTIN 1	44.9	564.5	190.0	390.1	4.6	126443.2	0.0
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PLAN 1\ YEAR 2030

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		111.5	1517.5	441.3	968.8	11.5	314358.2	0.0
PFM 2-4 GT'S		0.4	3.1	7.2	0.5	0.0	1700.7	0.0
PFM 2-4 GT'S		0.3	2.2	5.1	0.4	0.0	1207.6	0.0
PFM 2-4 GT'S		0.2	1.5	3.5	0.2	0.0	831.7	0.0
PFL 3-2 GT'S		0.1	0.5	1.5	0.1	0.0	356.8	0.0
PFL 3-2 GT'S		0.1	0.3	1.1	0.1	0.0	252.5	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	163.9	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	121.6	0.0
PPE 3-2 GT'S		0.2	0.5	3.0	0.2	0.0	707.3	0.0
PPE 3-2 GT'S		0.1	0.4	2.0	0.1	0.0	477.0	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
MARTIN 3		0.0	25.5	358.9	70.2	2.6	1053134.0	0.0
MARTIN 4		0.0	29.5	405.7	81.3	3.1	1220226.0	0.0
2 ADV CT-FT MY		3.4	1.1	33.7	3.7	0.6	43926.1	0.0



PLAN 1 UNIT - MT 4x1 M INSTALLED ON 1/ 1/ 5 CAPACITY - 984.000 MW NUMBER OF UNITS - 1.00

DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES-----			NET BOOK VALUE		CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
				DIR. COST	AFUDC	TOTAL	IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE			
2004	[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]
2005											
2006											
2007											
2008											
2009											
2010											
2011											
2012											









2033  
2034  
2035

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.  
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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/11 CAPACITY - 1107.000 MW NUMBER OF UNITS - 1.00  
DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES-----		NET BOOK VALUE		ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
				DIR. COST	AFUDC	TOTAL	IN RATE BASE (BEG. YEAR)				
2010											
2011											
2012											
2013											
2014											
2015											
2016											
2017											
2018											
2019											
2020											
2021											
2022											
2023											
2024											
2025											
2026											
2027											
2028											
2029											
2030											
2031											
2032											
2033											
2034											
2035											
2036											

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.

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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/14 CAPACITY - 1107.000 MW NUMBER OF UNITS - 1.00  
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES-----			NET BOOK VALUE		CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
				DIR. COST	AFUDC	TOTAL	IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE			
2013											
2014											
2015											
2016											
2017											
2018											
2019											
2020											
2021											
2022											
2023											
2024											
2025											
2026											
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2032											
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2034											
2035											
2036											
2037											
2038											
2039											

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.  
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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/16 CAPACITY - 1107.000 MW NUMBER OF UNITS - 1.00

DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES-----			NET BOOK VALUE		CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
				DIR. COST	AFUDC	TOTAL	IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE			
2015	[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			
2016	[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]
2017					[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]
2018							[REDACTED]	[REDACTED]			[REDACTED]
2019							[REDACTED]	[REDACTED]			[REDACTED]
2020							[REDACTED]	[REDACTED]			[REDACTED]
2021							[REDACTED]	[REDACTED]			[REDACTED]
2022							[REDACTED]	[REDACTED]			[REDACTED]
2023							[REDACTED]	[REDACTED]			[REDACTED]
2024							[REDACTED]	[REDACTED]			[REDACTED]
2025							[REDACTED]	[REDACTED]			[REDACTED]
2026							[REDACTED]	[REDACTED]			[REDACTED]
2027							[REDACTED]	[REDACTED]			[REDACTED]







NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.  
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PLAN 1

YEAR	CURRENT YEAR DIRECT EXPENDITURES	CURRENT YEAR RATE	AFUDC ACCRAU AMOUNT	-----CWIP BALANCE-----		COMPLETED PLANT ADDED TO RATEBASE AT BEGINNING OF YEAR	
				NOT IN RATEBASE	IN RATEBASE		
2001	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	10
2002	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	11
2003	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	12
2004	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	13
2005	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	14
2006	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	15
2007	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	16
2008	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	17
2009	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	18
2010	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	19
2011	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	20
2012	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	21
2013	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	22
2014	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	23
2015	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	24
2016	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	25
2017	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	26
2018	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	27
2019	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	28
2020	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	29
2021	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	30
2022	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	31
2023	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	32
2024	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	33
2025	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	34
2026	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	35
2027	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	36
2028	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	37
2029	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	38
2030	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	39

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS.  
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PLAN 1

YEAR	--RATEBASE VALUE (MID-YEAR)--			FIXED CHARGES	OPERATING COSTS	TOTAL SYSTEM COST	OTHER ELECTRIC REVENUES	SALES GWH	-----SYSTEM AVERAGE RATE-----	
	NON-EGEAS	EGEAS	TOTAL						\$/MWH	PERCENT INCREASE 1 YEAR
2001	0.	0.	0.	0.	8438321.	8438321.	0.	89124.	94.681	
2002	0.	0.	0.	0.	8297988.	8297988.	0.	92221.	89.979	-4.966
2003	0.	0.	0.	0.	8593084.	8593084.	0.	97015.	88.575	-1.561
2004	0.	0.	0.	0.	8759976.	8759976.	0.	100297.	87.341	-1.393
2005	0.	957037.	957037.	195586.	9013436.	9209025.	0.	103650.	88.847	1.725
2006	0.	912401.	912401.	188285.	9289597.	9477882.	0.	107095.	88.500	-0.391
2007	0.	1478489.	1478489.	306020.	9548161.	9854181.	0.	109333.	90.130	1.842
2008	0.	1401553.	1401553.	293436.	9820914.	10114347.	0.	111442.	90.759	0.697
2009	0.	1960283.	1960283.	410831.	10113675.	10524504.	0.	113534.	92.699	2.138
2010	0.	2503006.	2503006.	526047.	10526257.	11052302.	0.	115766.	95.471	2.990
2011	0.	3025566.	3025566.	638415.	10849632.	11488047.	0.	117691.	97.612	2.243
2012	0.	2858281.	2858281.	611052.	11148780.	11759829.	0.	119046.	98.784	1.201
2013	0.	2691542.	2691542.	583779.	11430973.	12014752.	0.	120416.	99.777	1.005
2014	0.	3222949.	3222949.	698989.	11779879.	12478870.	0.	121889.	102.379	2.607
2015	0.	3032561.	3032561.	667847.	12162454.	12830302.	0.	123341.	104.023	1.606
2016	0.	3558584.	3558584.	783146.	12537909.	13321052.	0.	124881.	106.670	2.544
2017	0.	3337992.	3337992.	747064.	12886200.	13633266.	0.	126528.	107.749	1.012
2018	0.	3221875.	3221875.	732382.	13256540.	13988921.	0.	128057.	109.240	1.383
2019	0.	3213408.	3213408.	739764.	13618139.	14357901.	0.	129478.	110.890	1.511
2020	0.	3419095.	3419095.	791243.	14017536.	14808777.	0.	130765.	113.247	2.125
2021	0.	3168530.	3168530.	750258.	14392504.	15142760.	0.	132064.	114.662	1.250
2022	0.	2917829.	2917829.	709251.	14843765.	15553012.	0.	132064.	117.769	2.709
2023	0.	2669787.	2669787.	668678.	15187108.	15855784.	0.	132064.	120.061	1.947
2024	0.	2423732.	2423732.	628431.	15542649.	16171078.	0.	132064.	122.449	1.989
2025	0.	2183234.	2183234.	589093.	15963357.	16552448.	0.	132064.	125.336	2.358
2026	0.	1952253.	1952253.	551311.	16365908.	16917217.	0.	132064.	128.098	2.204
2027	0.	1729030.	1729030.	514799.	16759341.	17274139.	0.	132064.	130.801	2.110
2028	0.	1511611.	1511611.	479235.	17150058.	17629290.	0.	132064.	133.490	2.056
2029	0.	1299725.	1299725.	444578.	17548087.	17992663.	0.	132064.	136.242	2.061
2030	0.	1108265.	1108265.	374217.	17968964.	18343178.	0.	132064.	138.896	1.948

TOTAL

14623699. 377810387. 392434352.

PRESENT VALUE REVENUE REQUIREMENTS  
 (THOUSANDS OF 2001 DOLLARS)

4078151. 125003760. 129081999.

PERCENT INCREASE IN  
 SYSTEM AVERAGE RATE

MINIMUM

-4.966



LEVELIZED SYSTEM AVERAGE RATE = 98.274 \$/MWH

MAXIMUM 2.990

COMPOUND AVERAGE 1.330

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS  
EXCEPT PRESENT VALUE TOTALS.

- \*\* INDICATES CONSTRAINT WAS NOT SATISFIED.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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