

REDACTED

090002-EG

EXHIBIT B

COM _____
ECR 1 _____
GCL _____
OPC _____
RCP _____
SSC _____
SGA _____
ADM _____
CLK _____

DOCUMENT NUMBER-DATE

04140 MAY-18

FPSC-COMMISSION CLERK

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	92.80 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	125.20 kW
(3) KW LINE LOSS PERCENTAGE	9.57 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	654,851.96 kwh
(5) KWH LINE LOSS PERCENTAGE	7.46 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWA INCREASE AT METER	0.05 kwh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.69005
(5) K FACTOR FOR T & D	1.99165

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	8.30 %
(11) UTILITY AFUDC RATE	7.75 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
 ** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
 *** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2007
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2010-2011
(4) BASE YEAR AVOIDED GENERATING COST	676.60 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	147.00 \$/kW
(6) BASE YEAR DISTRIBUTION COST	17.27 \$/kW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	30.55 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	3.61 %**
(10) TRANSMISSION FIXED O & M COST	2.68 \$/kW
(11) DISTRIBUTION FIXED O & M COST	0.95 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	3.61 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.048 CENTS\$/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	3.09 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	0.00 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	0.00 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS\$/KWH
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

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3 * INPUT DATA - PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2007	0	26	0	26	22	4	220	0	0	220
2008	0	0	0	0	41	7	0	0	0	0
2009	0	0	0	0	36	7	0	0	0	0
2010	0	0	0	0	35	7	0	0	0	0
2011	0	0	0	0	32	7	0	0	0	0
2012	0	0	0	0	32	7	0	0	0	0
2013	0	0	0	0	34	7	0	0	0	0
2014	0	0	0	0	35	7	0	0	0	0
2015	0	0	0	0	36	7	0	0	0	0
2016	0	0	0	0	40	7	0	0	0	0
2017	0	0	0	0	42	8	0	0	0	0
2018	0	0	0	0	44	8	0	0	0	0
2019	0	0	0	0	45	9	0	0	0	0
2020	0	0	0	0	47	10	0	0	0	0
2021	0	0	0	0	48	10	0	0	0	0
2022	0	0	0	0	50	10	0	0	0	0
2023	0	0	0	0	51	10	0	0	0	0
2024	0	0	0	0	53	10	0	0	0	0
2025	0	0	0	0	55	10	0	0	0	0
2026	0	0	0	0	57	10	0	0	0	0
2027	0	26	0	26	59	10	324	0	0	324
2028	0	0	0	0	61	10	0	0	0	0
2029	0	0	0	0	63	10	0	0	0	0
2030	0	0	0	0	65	10	0	0	0	0
2031	0	0	0	0	67	10	0	0	0	0
NCM	0	51	0	52	1,150	210	544	0	0	544
NPV	0	31	0	31	453	86	286	0	0	286

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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CALCULATION OF GEN K-FACTOR
PROGRAM METHOD: SERVICE BY REQ
PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
REG-YEAR	DEBT	PREFERRED STOCK	COMMON EQUITY	INCOME TAXES	PROPERTY TAX	PROPERTY INSURANCE	DEPREC.	DEFERRED TAXES	TOTAL FIXED CHARGES	PRESENT WORTH FIXED CHARGES	CUMULATIVE PW FIXED CHARGES	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE
YEAR	RATE BASE \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2011	103	3	0	7	4	2	4	(0)	21	21	21	101
2012	99	3	0	6	3	2	4	1	20	19	39	101
2013	94	3	0	6	3	2	4	1	19	16	56	104
2014	88	3	0	6	3	2	4	1	18	15	70	107
2015	84	3	0	5	3	2	4	1	18	13	83	110
2016	79	2	0	5	3	2	4	1	17	11	94	113
2017	74	2	0	5	3	1	4	0	16	10	105	117
2018	70	2	0	5	3	1	4	0	16	9	114	120
2019	65	2	0	4	3	1	4	0	15	8	121	124
2020	61	2	0	4	2	1	4	0	14	7	128	128
2021	57	2	0	4	2	1	4	0	14	6	135	131
2022	52	2	0	3	2	1	4	0	13	5	140	135
2023	48	1	0	3	2	1	4	0	12	5	145	139
2024	44	1	0	3	2	1	4	0	12	4	149	144
2025	40	1	0	3	2	1	4	0	11	4	153	148
2026	35	1	0	2	1	1	4	0	10	3	156	152
2027	31	1	0	2	1	1	4	0	10	3	159	157
2028	27	1	0	2	1	1	4	0	9	2	161	162
2029	22	1	0	1	1	0	4	0	9	2	163	167
2030	18	1	0	1	1	0	4	0	8	2	165	172
2031	14	0	0	1	1	0	4	(1)	7	1	166	177
2032	10	0	0	1	2	0	4	(1)	7	1	167	182
2033	8	0	0	1	2	0	4	(1)	6	1	169	187
2034	5	0	0	0	2	0	4	(1)	6	1	169	193
2035	3	0	0	0	2	0	4	(1)	6	1	170	199

IN SERVICE COST (\$000)	101
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	8.3%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

SOURCE	WEIGHT	COST
DEBT	45%	6.90 %
P/S	0%	0.00 %
C/S	55%	11.75 %

K-FACTOR = CPWFC / IN-SVC COST =

1.69005

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM NUMBER [REDACTED]
PROGRAM NAME [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	4	4	4	4	4	4	(0)	7	0	0	0	(0)	(2)
2012	7.22%	7	11	4	8	4	7	1	7	0	0	0	1	(1)
2013	6.68%	7	18	4	12	4	11	1	7	0	0	0	1	0
2014	6.18%	6	24	4	16	4	15	1	7	0	0	0	1	1
2015	5.71%	6	29	4	20	4	19	1	7	0	0	0	1	2
2016	5.29%	5	35	4	24	4	22	1	7	0	0	0	1	2
2017	4.89%	5	39	4	28	4	26	0	7	0	0	0	0	3
2018	4.52%	4	44	4	32	4	30	0	7	0	0	0	0	3
2019	4.46%	4	48	4	36	4	34	0	7	0	0	0	0	3
2020	4.46%	4	53	4	40	4	37	0	7	0	0	0	0	4
2021	4.46%	4	57	4	44	4	41	0	7	0	0	0	0	4
2022	4.46%	4	62	4	48	4	45	0	7	0	0	0	0	4
2023	4.46%	4	66	4	52	4	49	0	7	0	0	0	0	4
2024	4.46%	4	71	4	56	4	52	0	7	0	0	0	0	5
2025	4.46%	4	75	4	60	4	56	0	7	0	0	0	0	5
2026	4.46%	4	79	4	64	4	60	0	7	0	0	0	0	5
2027	4.46%	4	84	4	69	4	64	0	7	0	0	0	0	6
2028	4.46%	4	88	4	73	4	67	0	7	0	0	0	0	6
2029	4.46%	4	93	4	77	4	71	0	7	0	0	0	0	6
2030	4.46%	4	97	4	81	4	75	0	7	0	0	0	0	6
2031	2.23%	2	99	4	85	4	79	(1)	7	0	0	0	(1)	6
2032	0.00%	0	99	4	89	4	82	(1)	7	0	0	0	(1)	4
2033	0.00%	0	99	4	93	4	86	(1)	7	0	0	0	(1)	3
2034	0.00%	0	99	4	97	4	90	(1)	7	0	0	0	(1)	1
2035	0.00%	0	99	4	101	4	94	(1)	7	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2011	3.75%	4	(0)	97	4	(2)	103	99	101
2012	7.22%	7	1	93	8	(1)	99	94	96
2013	6.88%	7	1	89	12	0	94	88	91
2014	6.18%	6	1	85	16	1	88	84	86
2015	5.71%	6	1	81	20	2	84	79	81
2016	5.29%	5	1	77	24	2	79	74	76
2017	4.89%	5	0	73	28	3	74	70	72
2018	4.52%	4	0	69	32	3	70	65	68
2019	4.46%	4	0	64	36	3	65	61	63
2020	4.46%	4	0	60	40	4	61	57	59
2021	4.46%	4	0	56	44	4	57	52	55
2022	4.46%	4	0	52	48	4	52	48	50
2023	4.46%	4	0	48	52	4	48	44	46
2024	4.46%	4	0	44	56	5	44	40	42
2025	4.46%	4	0	40	60	5	40	35	37
2026	4.46%	4	0	36	64	5	35	31	33
2027	4.46%	4	0	32	69	6	31	27	29
2028	4.46%	4	0	28	73	6	27	22	25
2029	4.46%	4	0	24	77	6	22	18	20
2030	4.46%	4	0	20	81	6	18	14	16
2031	2.23%	2	(1)	16	85	6	14	10	12
2032	0.00%	0	(1)	12	89	4	10	8	9
2033	0.00%	0	(1)	8	93	3	8	5	6
2034	0.00%	0	(1)	4	97	1	5	3	4
2035	0.00%	0	(1)	0	101	0	3	0	1

* Column not specified in workbook

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INPUT DATA - PART 2
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	(5) AVOIDED MARGINAL FUEL COST (C/kWh)	(6)* INCREASED MARGINAL FUEL COST (C/kWh)	(7) REPLACEMENT FUEL COST (C/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KWH EFFECTIVENESS FACTOR
2007	1	1	6.77	7.19	7.72	0.00	1.00	1.00
2008	1	1	7.89	8.40	9.15	0.00	1.00	1.00
2009	1	1	7.61	8.16	9.46	0.00	1.00	1.00
2010	1	1	7.83	8.36	9.82	0.00	1.00	1.00
2011	1	1	7.24	7.66	9.37	0.00	1.00	1.00
2012	1	1	6.88	7.28	9.06	213.71	1.00	1.00
2013	1	1	7.18	7.63	9.42	91.72	1.00	1.00
2014	1	1	7.79	8.31	10.13	21.55	1.00	1.00
2015	1	1	8.27	8.80	10.68	15.81	1.00	1.00
2016	1	1	8.74	9.34	11.38	12.81	1.00	1.00
2017	1	1	8.83	9.41	11.79	12.87	1.00	1.00
2018	1	1	9.04	9.59	11.94	13.57	1.00	1.00
2019	1	1	9.56	10.16	12.91	13.68	1.00	1.00
2020	1	1	10.01	10.59	13.45	13.46	1.00	1.00
2021	1	1	10.51	11.15	14.17	13.63	1.00	1.00
2022	1	1	10.85	11.47	14.80	15.02	1.00	1.00
2023	1	1	11.09	11.72	14.85	14.05	1.00	1.00
2024	1	1	11.61	12.24	15.63	14.13	1.00	1.00
2025	1	1	12.04	12.66	16.15	13.99	1.00	1.00
2026	1	1	12.46	13.09	16.48	17.46	1.00	1.00
2027	1	1	12.89	13.49	16.96	18.49	1.00	1.00
2028	1	1	13.29	13.83	16.94	16.19	1.00	1.00
2029	1	1	13.93	14.47	17.87	16.96	1.00	1.00
2030	1	1	14.48	14.98	18.18	18.71	1.00	1.00
2031	1	1	14.83	15.28	18.13	18.02	1.00	1.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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AVOIDED GENERATING BENEFITS
PROGRAM (METHOD SELECTED) REV. REQ
PROGRAM NAME [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2007	0	0	0.0	0	0	0
2008	0	0	0.0	0	0	0
2009	0	0	0.0	0	0	0
2010	0	0	0.0	0	0	25
2011	21	4	0.0	0	5	20
2012	20	4	0.0	0	5	18
2013	19	4	0.0	4	10	16
2014	18	4	0.0	5	10	17
2015	18	4	0.0	12	18	16
2016	17	4	0.1	13	18	15
2017	16	4	0.1	16	23	13
2018	16	4	0.1	20	28	11
2019	15	4	0.1	22	28	12
2020	14	4	0.1	23	29	12
2021	14	4	0.1	22	29	10
2022	13	4	0.1	21	25	12
2023	12	5	0.1	23	27	12
2024	12	5	0.1	26	29	12
2025	11	5	0.1	10	14	12
2026	10	5	0.0	7	9	12
2027	10	5	0.0	6	7	13
2028	9	5	0.0	7	8	12
2029	9	5	0.0	5	6	11
2030	8	5	0.0	4	5	11
2031	7	5	0.0			

NOM	290	93	1.4	245	335	295
NPV	121	33	0.5	78	113	119

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AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD OF ACQUISITION REV_REQ
 PROGRAM NAME

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2007	0	0	0	0	0	0	24	0
2008	4	0	5	0	0	0	55	0
2009	4	0	5	0	0	0	53	0
2010	4	0	4	0	0	0	55	0
2011	4	0	4	0	0	0	50	0
2012	4	0	4	0	0	0	48	0
2013	4	0	4	0	0	0	50	0
2014	4	0	4	0	0	0	54	0
2015	3	0	4	0	0	0	58	0
2016	3	0	4	0	0	0	61	0
2017	3	1	4	0	0	0	62	0
2018	3	1	4	0	0	0	63	0
2019	3	1	4	0	0	0	67	0
2020	3	1	3	0	0	0	69	0
2021	3	1	3	0	0	0	73	0
2022	3	1	3	0	0	0	75	0
2023	3	1	3	0	0	0	77	0
2024	2	1	3	0	0	0	80	0
2025	2	1	3	0	0	0	83	0
2026	2	1	3	0	0	0	86	0
2027	2	1	3	0	0	0	88	0
2028	2	1	3	0	0	0	91	0
2029	2	1	3	0	0	0	95	0
2030	2	1	3	0	0	0	98	0
2031	2	1	3	0	0	0	100	0

NCM	71	13	84	6	4	10	1,713	0
NPV	34	5	39	3	1	4	667	0

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

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TOTAL RESOURCE COST TEST
PROGRAM/METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	0	0	220	0	220	0	0	24	0	24	(197)	(197)
2008	0	0	0	0	0	0	5	55	0	60	60	(141)
2009	0	0	0	0	0	0	5	53	0	58	58	(91)
2010	0	0	0	0	0	0	5	55	0	60	60	(44)
2011	0	0	0	0	0	25	5	50	0	80	80	13
2012	0	0	0	0	0	20	5	48	0	72	72	62
2013	0	0	0	0	0	18	5	50	0	73	73	107
2014	0	0	0	0	0	16	4	54	0	75	75	150
2015	0	0	0	0	0	16	4	58	0	79	79	192
2016	0	0	0	0	0	17	4	61	0	81	81	231
2017	0	0	0	0	0	16	4	61	0	81	81	268
2018	0	0	0	0	0	15	4	62	0	80	80	301
2019	0	0	0	0	0	13	4	63	0	82	82	332
2020	0	0	0	0	0	11	4	67	0	86	86	363
2021	0	0	0	0	0	12	4	69	0	86	86	392
2022	0	0	0	0	0	12	4	73	0	89	89	419
2023	0	0	0	0	0	10	4	75	0	89	93	445
2024	0	0	0	0	0	12	4	77	0	93	93	469
2025	0	0	0	0	0	12	3	80	0	96	96	493
2026	0	0	0	0	0	12	3	83	0	99	99	515
2027	0	0	0	0	0	12	3	86	0	101	101	479
2028	0	0	324	0	324	12	3	88	0	103	107	490
2029	0	0	0	0	0	13	3	91	0	107	110	509
2030	0	0	0	0	0	12	3	95	0	110	110	527
2031	0	0	0	0	0	11	3	98	0	113	113	527
								100	0	114	114	544

NOM	0	0	544	0	545	295	94	1,713	0	2,103	1,558
NPV	0	0	286	0	286	119	44	687	0	830	544

Discount Rate: 8.30 %
Benefit/Cost Ratio (Col(11) / Col(6)) : 2.90

32-1
PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	26	0	26	0	52	220	0	0	220	(168)	(168)
2008	48	0	0	0	48	0	0	0	0	48	(124)
2009	43	0	0	0	43	0	0	0	0	43	(87)
2010	42	0	0	0	42	0	0	0	0	42	(53)
2011	39	0	0	0	39	0	0	0	0	39	(25)
2012	39	0	0	0	39	0	0	0	0	39	1
2013	41	0	0	0	41	0	0	0	0	41	27
2014	42	0	0	0	42	0	0	0	0	42	51
2015	44	0	0	0	44	0	0	0	0	44	74
2016	47	0	0	0	47	0	0	0	0	47	97
2017	50	0	0	0	50	0	0	0	0	50	119
2018	52	0	0	0	52	0	0	0	0	52	141
2019	54	0	0	0	54	0	0	0	0	54	162
2020	57	0	0	0	57	0	0	0	0	57	182
2021	58	0	0	0	58	0	0	0	0	58	201
2022	60	0	0	0	60	0	0	0	0	60	219
2023	61	0	0	0	61	0	0	0	0	61	236
2024	63	0	0	0	63	0	0	0	0	63	252
2025	65	0	0	0	65	0	0	0	0	65	268
2026	67	0	0	0	67	0	0	0	0	67	282
2027	69	0	26	0	94	324	0	0	324	(230)	236
2028	71	0	0	0	71	0	0	0	0	71	249
2029	72	0	0	0	72	0	0	0	0	72	261
2030	74	0	0	0	74	0	0	0	0	74	273
2031	76	0	0	0	76	0	0	0	0	76	285

NOM	1,360	0	51	0	1,412	544	0	0	544	867
NPV	539	0	31	0	570	286	0	0	286	285

In Service of Gen Unit:
Discount Rate :
Benefit/Cost Ratio (Col(6) / Col(10))

2011
8.30 %
2.00

1
2
3
RATE IMPACT TEST
PROGRAM METHOD SUBJECT REV_REQ
PROGRAM NAME [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	INCENTIVES \$(000)	REVENUE LOSSES \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	0	0	26	26	0	52	24	0	0	0	24	(28)	(28)
2008	0	0	0	48	0	48	55	5	0	0	60	12	(17)
2009	0	0	0	43	0	43	53	5	0	0	58	15	(5)
2010	0	0	0	42	0	42	55	5	0	0	60	17	9
2011	0	0	0	39	0	39	75	5	0	0	80	41	38
2012	0	0	0	39	0	39	67	5	0	0	72	33	60
2013	0	0	0	41	0	41	68	5	0	0	73	32	80
2014	0	0	0	42	0	42	71	4	0	0	75	33	99
2015	0	0	0	44	0	44	75	4	0	0	79	36	118
2016	0	0	0	44	0	44	75	4	0	0	81	34	135
2017	0	0	0	47	0	47	77	4	0	0	81	31	149
2018	0	0	0	50	0	50	76	4	0	0	80	28	160
2019	0	0	0	52	0	52	76	4	0	0	82	27	171
2020	0	0	0	54	0	54	78	4	0	0	86	29	181
2021	0	0	0	57	0	57	82	4	0	0	89	31	191
2022	0	0	0	58	0	58	85	4	0	0	89	29	200
2023	0	0	0	60	0	60	85	4	0	0	93	32	209
2024	0	0	0	61	0	61	89	4	0	0	96	33	217
2025	0	0	0	63	0	63	92	3	0	0	99	34	225
2026	0	0	0	65	0	65	95	3	0	0	101	34	233
2027	0	0	0	67	0	67	97	3	0	0	103	3	234
2028	0	0	26	69	0	95	100	3	0	0	107	36	241
2029	0	0	0	71	0	71	103	3	0	0	110	38	248
2030	0	0	0	72	0	72	107	3	0	0	113	38	254
2031	0	0	0	74	0	74	110	3	0	0	114	38	259
2031	0	0	0	76	0	76	111	3	0	0	114	38	259

NOM.	0	0	51	1,360	0	1,412	2,008	94	0	0	2,103	690
NPV	0	0	31	539	0	571	786	44	0	0	830	259

Discount Rate 8.30 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 1.45

1
2
3

INPUT DATA - PART I CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	37.12 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	50.08 kW
(3) KW LINE LOSS PERCENTAGE	9.57 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER	262,234.71 kVA
(5) KWH LINE LOSS PERCENTAGE	7.46 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 kwh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.64075
(5) K FACTOR FOR T & D	1.92296

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	8.82 %
(11) UTILITY AFUDC RATE	7.47 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2007
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2010-2011
(4) BASE YEAR AVOIDED GENERATING COST	676.60 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	147.00 \$/kW
(6) BASE YEAR DISTRIBUTION COST	17.27 \$/kW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	30.55 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	3.61 %**
(10) TRANSMISSION FIXED O & M COST	2.68 \$/kW
(11) DISTRIBUTION FIXED O & M COST	0.95 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	3.61 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.048 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	3.09 %**
(15) GENERATOR CAPACITY FACTOR	3% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	6.55 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	7.97 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

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* INPUT DATA -- PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	UTILITY INCENTIVES \$(000)	OTHER UTILITY COSTS \$(000)	TOTAL UTILITY PROGRAM COSTS \$(000)	ENERGY CHARGE REVENUE LOSSES \$(000)	DEMAND CHARGE REVENUE LOSSES \$(000)	PARTICIPANT EQUIPMENT COSTS \$(000)	PARTICIPANT O&M COSTS \$(000)	OTHER PARTICIPANT COSTS \$(000)	TOTAL PARTICIPANT COSTS \$(000)
2007	0	10	0	10	9	1	88	0	88
2008	0	0	0	0	16	3	0	0	0
2009	0	0	0	0	14	3	0	0	0
2010	0	0	0	0	14	3	0	0	0
2011	0	0	0	0	13	3	0	0	0
2012	0	0	0	0	13	3	0	0	0
2013	0	0	0	0	13	3	0	0	0
2014	0	0	0	0	14	3	0	0	0
2015	0	0	0	0	15	3	0	0	0
2016	0	0	0	0	16	3	0	0	0
2017	0	0	0	0	17	3	0	0	0
2018	0	0	0	0	18	3	0	0	0
2019	0	0	0	0	18	4	0	0	0
2020	0	0	0	0	19	4	0	0	0
2021	0	0	0	0	19	4	0	0	0
2022	0	0	0	0	20	4	0	0	0
2023	0	0	0	0	21	4	0	0	0
2024	0	0	0	0	21	4	0	0	0
2025	0	0	0	0	22	4	0	0	0
2026	0	0	0	0	23	4	0	0	0
2027	10	0	0	10	24	4	128	0	128
2028	0	0	0	0	24	4	0	0	0
2029	0	0	0	0	25	4	0	0	0
2030	0	0	0	0	26	4	0	0	0
2031	0	0	0	0	27	4	0	0	0
<hr/>									
NCM	0	21	0	21	461	84	216	0	216
NPV	0	12	0	12	173	33	112	0	112

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
 ** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

2
3
CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME ██████████

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRHC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2011	41	1	0	3	2	1	0	2	(0)	8	8	40
2012	39	1	0	3	1	1	0	2	1	8	7	40
2013	37	1	0	2	1	1	0	2	0	8	6	41
2014	35	1	0	2	1	1	0	2	0	7	6	43
2015	33	1	0	2	1	1	0	2	0	7	5	44
2016	31	1	0	2	1	1	0	2	0	7	4	45
2017	30	1	0	2	1	1	0	2	0	7	4	47
2018	28	1	0	2	1	1	0	2	0	6	3	48
2019	26	1	0	2	1	1	0	2	0	6	3	49
2020	24	1	0	2	1	0	0	2	0	6	3	51
2021	23	1	0	1	1	0	0	2	0	5	2	52
2022	21	1	0	1	1	0	0	2	0	5	2	54
2023	19	1	0	1	1	0	0	2	0	5	2	56
2024	17	1	0	1	1	0	0	2	0	5	2	57
2025	16	0	0	1	1	0	0	2	0	4	1	59
2026	14	0	0	1	1	0	0	2	0	4	1	61
2027	12	0	0	1	0	0	0	2	0	4	1	63
2028	11	0	0	1	0	0	0	2	0	4	1	64
2029	9	0	0	1	0	0	0	2	0	3	1	66
2030	7	0	0	0	0	0	0	2	0	3	1	68
2031	5	0	0	0	1	0	0	2	(0)	3	1	70
2032	4	0	0	0	1	0	0	2	(1)	3	0	72
2033	3	0	0	0	1	0	0	2	(1)	3	0	75
2034	2	0	0	0	1	0	0	2	(1)	2	0	77
2035	1	0	0	0	1	0	0	2	(1)	2	0	79

IN SERVICE COST (\$000)	40
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFFEC. TAKRATE	38.575
DISCOUNT RATE	8.8%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	45%	6.90 %
P/S	0%	0.00 %
C/S	55%	11.75 %

K-FACTOR = CPWFC / IN-SVC COST = 1.64075

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_RBQ
 PROGRAM NAME [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	1	1	2	2	1	1	(0)	3	0	0	0	(0)	(1)
2012	7.22%	3	4	2	3	1	3	1	3	0	0	0	1	(0)
2013	6.68%	3	7	2	5	1	4	0	3	0	0	0	0	0
2014	6.18%	2	9	2	6	1	6	0	3	0	0	0	0	0
2015	5.71%	2	12	2	8	1	7	0	3	0	0	0	0	0
2016	5.29%	2	14	2	10	1	9	0	3	0	0	0	0	1
2017	4.89%	2	16	2	11	1	10	0	3	0	0	0	0	1
2018	4.52%	2	18	2	13	1	12	0	3	0	0	0	0	1
2019	4.46%	2	19	2	14	1	13	0	3	0	0	0	0	1
2020	4.46%	2	21	2	16	1	15	0	3	0	0	0	0	1
2021	4.46%	2	23	2	18	1	16	0	3	0	0	0	0	1
2022	4.46%	2	25	2	19	1	18	0	3	0	0	0	0	2
2023	4.46%	2	26	2	21	1	19	0	3	0	0	0	0	2
2024	4.46%	2	28	2	22	1	21	0	3	0	0	0	0	2
2025	4.46%	2	30	2	24	1	22	0	3	0	0	0	0	2
2026	4.46%	2	32	2	26	1	24	0	3	0	0	0	0	2
2027	4.46%	2	34	2	27	1	25	0	3	0	0	0	0	2
2028	4.46%	2	35	2	29	1	27	0	3	0	0	0	0	2
2029	4.46%	2	37	2	31	1	28	0	3	0	0	0	0	2
2030	4.46%	2	39	2	32	1	30	0	3	0	0	0	0	3
2031	2.23%	1	40	2	34	1	31	(0)	3	0	0	0	(0)	2
2032	0.00%	0	40	2	35	1	33	(1)	3	0	0	0	(1)	2
2033	0.00%	0	40	2	37	1	34	(1)	3	0	0	0	(1)	1
2034	0.00%	0	40	2	39	1	36	(1)	3	0	0	0	(1)	1
2035	0.00%	0	40	2	40	1	37	(1)	3	0	0	0	(1)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	3
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

1
2
3
DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME [REDACTED]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2011	3.75%	1	(0)	39	2	(1)	41	39	40
2012	7.22%	3	1	37	3	(0)	39	37	38
2013	6.68%	3	0	35	5	0	37	35	36
2014	6.18%	2	0	34	6	0	35	33	34
2015	5.71%	2	0	32	8	1	33	31	32
2016	5.29%	2	0	31	10	1	31	30	30
2017	4.89%	2	0	29	11	1	30	28	29
2018	4.52%	2	0	27	13	1	28	26	27
2019	4.46%	2	0	26	14	1	26	24	25
2020	4.46%	2	0	24	15	1	24	23	23
2021	4.46%	2	0	22	18	2	23	21	22
2022	4.46%	2	0	21	19	2	21	19	20
2023	4.46%	2	0	19	21	2	19	17	18
2024	4.46%	2	0	18	22	2	17	16	17
2025	4.46%	2	0	16	24	2	16	14	15
2026	4.46%	2	0	14	26	2	14	12	13
2027	4.46%	2	0	13	27	2	12	11	11
2028	4.46%	2	0	11	29	2	11	9	10
2029	4.46%	2	0	10	31	2	9	7	8
2030	4.46%	2	0	8	32	3	7	5	6
2031	2.23%	1	(0)	6	34	2	5	4	5
2032	0.00%	0	(1)	5	35	2	4	3	4
2033	0.00%	0	(1)	3	37	1	3	2	3
2034	0.00%	0	(1)	2	39	1	2	1	2
2035	0.00%	0	(1)	0	40	0	1	0	1

* Column not specified in workbook

3PP-
 INPUT DATA - PART 2
 PROGRAM METHOD SELECTED : REV_RBQ
 PROGRAM NAME [REDACTED]

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	(5) AVOIDED MARGINAL FUEL COST (C/kWh)	(6)* INCREASED MARGINAL FUEL COST (C/kWh)	(7) REPLACEMENT FUEL COST (C/kWh)	(8) PROGRAM kwh EFFECTIVENESS FACTOR	(9) PROGRAM kwh EFFECTIVENESS FACTOR
2007	1	1	7.43	7.92	8.50	0.00	1.00	1.00
2008	1	1	7.47	7.91	8.47	0.00	1.00	1.00
2009	1	1	6.19	6.65	7.83	0.00	1.00	1.00
2010	1	1	6.22	6.66	7.88	0.00	1.00	1.00
2011	1	1	5.65	6.02	7.28	14.86	1.00	1.00
2012	1	1	6.16	6.62	7.77	10.82	1.00	1.00
2013	1	1	6.41	6.88	8.00	10.44	1.00	1.00
2014	1	1	6.41	6.87	8.24	9.06	1.00	1.00
2015	1	1	6.55	6.99	8.61	11.92	1.00	1.00
2016	1	1	7.06	7.55	9.34	13.61	1.00	1.00
2017	1	1	7.51	8.02	9.92	10.08	1.00	1.00
2018	1	1	7.82	8.28	10.37	13.82	1.00	1.00
2019	1	1	8.03	8.46	10.75	15.37	1.00	1.00
2020	1	1	8.58	9.06	11.67	13.59	1.00	1.00
2021	1	1	9.10	9.67	12.49	17.15	1.00	1.00
2022	1	1	9.13	9.64	12.63	15.04	1.00	1.00
2023	1	1	9.34	9.84	12.90	13.73	1.00	1.00
2024	1	1	9.55	10.04	13.04	14.26	1.00	1.00
2025	1	1	9.80	10.28	13.35	15.64	1.00	1.00
2026	1	1	10.07	10.53	13.46	14.87	1.00	1.00
2027	1	1	10.33	10.74	13.45	14.82	1.00	1.00
2028	1	1	10.56	10.95	13.48	15.86	1.00	1.00
2029	1	1	10.87	11.25	13.64	15.30	1.00	1.00
2030	1	1	11.20	11.57	13.93	17.09	1.00	1.00
2031	1	1	11.44	11.78	13.91	17.56	1.00	1.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
 THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_RBQ
PROGRAM NAME [REDACTED]

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YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2007	0	0	0.0	0	0	0
2008	0	0	0.0	0	0	0
2009	0	0	0.0	0	0	0
2010	0	0	0.0	0	0	0
2011	8	2	0.0	1	2	9
2012	8	2	0.0	1	2	9
2013	8	2	0.0	2	2	9
2014	7	2	0.0	1	2	9
2015	7	2	0.0	2	3	8
2016	7	2	0.0	4	6	6
2017	7	2	0.0	5	6	7
2018	6	2	0.0	6	10	4
2019	6	2	0.0	5	8	4
2020	6	2	0.0	6	8	5
2021	5	2	0.1	10	17	1
2022	5	2	0.0	8	11	4
2023	5	2	0.0	8	10	5
2024	5	2	0.0	8	10	4
2025	4	2	0.0	8	11	4
2026	4	2	0.0	7	9	4
2027	4	2	0.0	6	8	4
2028	4	2	0.0	6	8	4
2029	3	2	0.0	6	7	4
2030	3	2	0.0	7	9	3
2031	3	2	0.0	6	8	3
NOM	115	37	0.7	115	158	110
NPV	46	13	0.2	32	46	45

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AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2007	0	0	0	0	0	0	10	0
2008	2	0	2	0	0	0	21	0
2009	2	0	2	0	0	0	17	0
2010	2	0	2	0	0	0	17	0
2011	2	0	2	0	0	0	16	0
2012	2	0	2	0	0	0	17	0
2013	1	0	2	0	0	0	18	0
2014	1	0	2	0	0	0	18	0
2015	1	0	2	0	0	0	18	0
2016	1	0	2	0	0	0	20	0
2017	1	0	1	0	0	0	21	0
2018	1	0	1	0	0	0	22	0
2019	1	0	1	0	0	0	22	0
2020	1	0	1	0	0	0	24	0
2021	1	0	1	0	0	0	25	0
2022	1	0	1	0	0	0	25	0
2023	1	0	1	0	0	0	26	0
2024	1	0	1	0	0	0	26	0
2025	1	0	1	0	0	0	27	0
2026	1	0	1	0	0	0	28	0
2027	1	0	1	0	0	0	28	0
2028	1	0	1	0	0	0	29	0
2029	1	0	1	0	0	0	29	0
2030	1	0	1	0	0	0	30	0
2031	1	0	1	0	0	0	31	0
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NOM.	28	5	34	2	1	4	567	0
NPV	13	2	15	1	1	2	216	0

THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USKD FOR LOAD SHIFTING PROGRAMS ONLY.

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TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	0	0	88	0	88	0	0	10	0	10	(78)	(78)
2008	0	0	0	0	0	0	2	21	0	23	23	(57)
2009	0	0	0	0	0	0	2	17	0	19	19	(40)
2010	0	0	0	0	0	0	2	17	0	19	19	(25)
2011	0	0	0	0	0	9	2	16	0	27	27	(8)
2012	0	0	0	0	0	9	2	17	0	28	28	12
2013	0	0	0	0	0	9	2	18	0	28	28	29
2014	0	0	0	0	0	9	2	18	0	28	28	45
2015	0	0	0	0	0	8	2	18	0	28	28	59
2016	0	0	0	0	0	6	2	20	0	28	28	72
2017	0	0	0	0	0	7	2	21	0	30	30	85
2018	0	0	0	0	0	4	2	22	0	28	28	95
2019	0	0	0	0	0	4	2	22	0	28	28	106
2020	0	0	0	0	0	5	2	24	0	31	31	116
2021	0	0	0	0	0	1	1	25	0	28	28	124
2022	0	0	0	0	0	4	1	25	0	30	30	133
2023	0	0	0	0	0	5	1	26	0	32	32	141
2024	0	0	0	0	0	4	1	26	0	32	32	149
2025	0	0	0	0	0	4	1	27	0	32	32	156
2026	0	0	0	0	0	4	1	28	0	33	33	162
2027	0	0	128	0	128	4	1	28	0	34	(94)	145
2028	0	0	0	0	0	4	1	29	0	34	34	151
2029	0	0	0	0	0	4	1	29	0	35	35	156
2030	0	0	0	0	0	3	1	30	0	35	35	161
2031	0	0	0	0	0	3	1	31	0	35	35	166

NOM	0	0	216	0	216	110	38	567	0	715	499
NPV	0	0	112	0	112	45	17	216	0	278	166

Discount Rate:
Benefit/Cost Ratio (Col(11) / Col(6)):

8.82 %
2.48

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PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	10	0	10	0	21	88	0	0	88	(67)	(67)
2008	19	0	0	0	19	0	0	0	0	19	(50)
2009	17	0	0	0	17	0	0	0	0	17	(35)
2010	17	0	0	0	17	0	0	0	0	17	(22)
2011	16	0	0	0	16	0	0	0	0	16	(11)
2012	16	0	0	0	16	0	0	0	0	16	(0)
2013	16	0	0	0	16	0	0	0	0	16	10
2014	17	0	0	0	17	0	0	0	0	17	19
2015	17	0	0	0	17	0	0	0	0	17	28
2016	19	0	0	0	19	0	0	0	0	19	37
2017	20	0	0	0	20	0	0	0	0	20	45
2018	21	0	0	0	21	0	0	0	0	21	53
2019	22	0	0	0	22	0	0	0	0	22	61
2020	23	0	0	0	23	0	0	0	0	23	69
2021	23	0	0	0	23	0	0	0	0	23	76
2022	24	0	0	0	24	0	0	0	0	24	83
2023	24	0	0	0	24	0	0	0	0	24	89
2024	25	0	0	0	25	0	0	0	0	25	95
2025	26	0	0	0	26	0	0	0	0	26	101
2026	27	0	0	0	27	0	0	0	0	27	106
2027	28	0	10	0	38	128	0	0	128	(90)	89
2028	28	0	0	0	28	0	0	0	0	28	94
2029	29	0	0	0	29	0	0	0	0	29	99
2030	30	0	0	0	30	0	0	0	0	30	103
2031	31	0	0	0	31	0	0	0	0	31	107

NOM	545	0	21	0	565	216	0	0	216	349
NPV	296	0	12	0	219	112	0	0	112	107

In Service of Gen Units
Discount Rate:
Benefit/Cost Ratio (Col(6) / Col(10))

2011
8.82 %
1.96

RATE IMPACT TBST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	INCENTIVES \$(000)	REVENUE LOSSES \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2007	0	0	10	10	0	21	10	0	0	0	10	(10)	(7)
2008	0	0	0	19	0	19	21	2	0	0	23	3	(6)
2009	0	0	0	17	0	17	17	2	0	0	19	2	(4)
2010	0	0	0	17	0	17	17	2	0	0	19	2	4
2011	0	0	0	16	0	16	25	2	0	0	27	11	12
2012	0	0	0	16	0	16	26	2	0	0	28	12	20
2013	0	0	0	16	0	16	27	2	0	0	28	12	26
2014	0	0	0	17	0	17	27	2	0	0	28	10	31
2015	0	0	0	17	0	17	26	2	0	0	28	9	35
2016	0	0	0	19	0	19	26	2	0	0	28	9	39
2017	0	0	0	20	0	20	28	2	0	0	30	10	42
2018	0	0	0	21	0	21	26	2	0	0	28	7	44
2019	0	0	0	22	0	22	27	2	0	0	28	6	47
2020	0	0	0	23	0	23	29	2	0	0	31	8	48
2021	0	0	0	23	0	23	26	1	0	0	28	4	50
2022	0	0	0	24	0	24	29	1	0	0	30	7	52
2023	0	0	0	24	0	24	30	1	0	0	32	7	54
2024	0	0	0	25	0	25	31	1	0	0	32	6	55
2025	0	0	0	26	0	26	30	1	0	0	32	6	56
2026	0	0	0	27	0	27	32	1	0	0	33	(4)	56
2027	0	0	10	28	0	38	33	1	0	0	34	6	57
2028	0	0	0	28	0	28	33	1	0	0	34	6	58
2029	0	0	0	29	0	29	34	1	0	0	35	5	58
2030	0	0	0	30	0	30	34	1	0	0	35	5	59
2031	0	0	0	31	0	31	34	1	0	0	35	5	59
NOM.	0	0	21	545	0	565	677	38	0	0	715	149	
NPV	0	0	12	206	0	219	261	17	0	0	278	59	

Discount Rate 8.82 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 1.27

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INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	32.48 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	43.56 KW
(3) KW LINE LOSS PERCENTAGE	9.03 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	228,713.92 KWH
(5) KWH LINE LOSS PERCENTAGE	7.16 %
(6) GROUP LINE LOSS MULTIPLIER	1.69
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWH

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	26 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.63861
(5) K FACTOR FOR T & D	1.92296

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	8.82 %
(11) UTILITY AFUDC RATE	7.47 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2006
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2011
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2009-2011
(4) BASE YEAR AVOIDED GENERATING COST	522.00 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	147.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST	17.27 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	26.29 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	3.72 %**
(10) TRANSMISSION FIXED O & M COST	2.68 \$/KW
(11) DISTRIBUTION FIXED O & M COST	0.95 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	3.72 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.081 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1.46 %**
(15) GENERATOR CAPACITY FACTOR	2% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	7.20 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	-0.47 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL	*** CENTS\$/KWH
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

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* INPUT DATA - PART 1 CONTINUED
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: ██████████

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BAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2006	0	0	0	0	0	0	0	0	0	
2007	1	9	0	9	8	1	77	0	77	
2008	0	0	0	0	14	3	0	0	0	
2009	0	0	0	0	13	3	0	0	0	
2010	0	0	0	0	12	2	0	0	0	
2011	0	0	0	0	11	2	0	0	0	
2012	0	0	0	0	11	2	0	0	0	
2013	0	0	0	0	12	3	0	0	0	
2014	0	0	0	0	12	3	0	0	0	
2015	0	0	0	0	13	3	0	0	0	
2016	0	0	0	0	14	3	0	0	0	
2017	0	0	0	0	15	3	0	0	0	
2018	0	0	0	0	15	3	0	0	0	
2019	0	0	0	0	16	3	0	0	0	
2020	0	0	0	0	16	3	0	0	0	
2021	0	0	0	0	17	3	0	0	0	
2022	0	0	0	0	17	3	0	0	0	
2023	0	0	0	0	18	3	0	0	0	
2024	0	0	0	0	19	3	0	0	0	
2025	0	0	0	0	19	3	0	0	0	
2026	0	0	0	0	20	3	0	0	0	
2027	1	9	0	10	21	3	112	0	112	
2028	0	0	0	0	21	3	0	0	0	
2029	0	0	0	0	22	3	0	0	0	
2030	0	0	0	0	23	3	0	0	0	
2031	0	0	0	0	23	3	0	0	0	
<hr/>										
NOM	1	18	0	19	403	74	189	0	0	189
NPV	1	10	0	10	139	27	90	0	0	90

SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
 NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV REQ
PROGRAM NAME [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
YEAR	BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2011	28	1	0	2	1	1	0	1	(0)	6	6	6	28
2012	27	1	0	2	1	1	0	1	0	5	5	11	28
2013	26	1	0	2	1	0	0	1	0	5	4	15	28
2014	24	1	0	2	1	0	0	1	0	5	4	19	29
2015	23	1	0	1	1	0	0	1	0	5	3	26	31
2016	22	1	0	1	1	0	0	1	0	5	3	23	30
2017	20	1	0	1	1	0	0	1	0	5	3	26	31
2018	19	1	0	1	1	0	0	1	0	4	3	28	32
2019	18	1	0	1	1	0	0	1	0	4	2	31	33
2020	17	1	0	1	1	0	0	1	0	4	2	33	34
2021	16	0	0	1	1	0	0	1	0	4	2	35	35
2022	14	0	0	1	1	0	0	1	0	4	2	36	36
2023	13	0	0	1	1	0	0	1	0	4	1	38	37
2024	12	0	0	1	0	0	0	1	0	3	1	39	38
2025	11	0	0	1	0	0	0	1	0	3	1	40	39
2026	10	0	0	1	0	0	0	1	0	3	1	41	41
2027	8	0	0	1	0	0	0	1	0	3	1	42	42
2028	7	0	0	0	0	0	0	1	0	3	1	42	43
2029	6	0	0	0	0	0	0	1	0	3	1	43	44
2030	5	0	0	0	0	0	0	1	0	2	1	43	46
2031	4	0	0	0	0	0	0	1	0	2	0	44	47
2032	3	0	0	0	0	0	0	1	(0)	2	0	44	48
2033	2	0	0	0	1	0	0	1	(0)	2	0	45	50
2034	1	0	0	0	1	0	0	1	(0)	2	0	45	51
2035	1	0	0	0	1	0	0	1	(0)	2	0	45	53
					0	(0)	0	1	(0)	2	0	45	55

IN SERVICE COST (\$000)	28
IN SERVICE YEAR	2011
BOOK LIFE (YRS)	25
EFEC. TAX RATE	38.575
DISCOUNT RATE	8.8%
PROPERTY TAX	2.00%
PROPERTY INSURANCE	0.48%

SOURCE	WEIGHT	COST	%
DEBT	45%	6.90	%
P/S	0%	0.00	%
C/S	55%	11.75	%

K-FACTOR = CPWFC / IN-SVC COST = 1.63861

1
2
3

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM/METHOD SELECTED: REV_REQ
 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2011	3.75%	1	1	1	1	1	1	(0)	2	0	0	0	(0)	(1)
2012	7.22%	2	3	1	2	1	2	0	2	0	0	0	0	(0)
2013	6.68%	2	5	1	3	1	3	0	2	0	0	0	0	0
2014	6.18%	2	7	1	4	1	4	0	2	0	0	0	0	0
2015	5.71%	2	8	1	6	1	5	0	2	0	0	0	0	1
2016	5.29%	1	10	1	7	1	6	0	2	0	0	0	0	1
2017	4.89%	1	11	1	8	1	7	0	2	0	0	0	0	1
2018	4.52%	1	12	1	9	1	8	0	2	0	0	0	0	1
2019	4.46%	1	13	1	10	1	9	0	2	0	0	0	0	1
2020	4.46%	1	15	1	11	1	10	0	2	0	0	0	0	1
2021	4.46%	1	16	1	12	1	11	0	2	0	0	0	0	1
2022	4.46%	1	17	1	13	1	12	0	2	0	0	0	0	1
2023	4.46%	1	18	1	14	1	13	0	2	0	0	0	0	1
2024	4.46%	1	19	1	15	1	14	0	2	0	0	0	0	1
2025	4.46%	1	21	1	17	1	15	0	2	0	0	0	0	1
2026	4.46%	1	22	1	18	1	17	0	2	0	0	0	0	1
2027	4.46%	1	23	1	19	1	18	0	2	0	0	0	0	2
2028	4.46%	1	24	1	20	1	19	0	2	0	0	0	0	2
2029	4.46%	1	26	1	21	1	20	0	2	0	0	0	0	2
2030	4.46%	1	27	1	22	1	21	0	2	0	0	0	0	2
2031	2.23%	1	27	1	23	1	22	(0)	2	0	0	0	(0)	2
2032	0.00%	0	27	1	24	1	23	(0)	2	0	0	0	(0)	1
2033	0.00%	0	27	1	25	1	24	(0)	2	0	0	0	(0)	1
2034	0.00%	0	27	1	27	1	25	(0)	2	0	0	0	(0)	0
2035	0.00%	0	27	1	28	1	26	(0)	2	0	0	0	(0)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE/COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

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1
3
DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME [REDACTED]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2011	3.75%	1	(0)	27	1	(1)	28	27	28
2012	7.22%	2	0	25	2	(0)	27	26	26
2013	6.68%	2	0	24	3	0	26	24	25
2014	6.18%	2	0	23	4	0	24	23	24
2015	5.71%	2	0	22	6	1	23	22	22
2016	5.29%	1	0	21	7	1	22	20	21
2017	4.89%	1	0	20	8	1	20	19	20
2018	4.52%	1	0	19	9	1	19	18	19
2019	4.46%	1	0	18	10	1	18	17	17
2020	4.46%	1	0	17	11	1	17	16	16
2021	4.46%	1	0	15	12	1	16	14	15
2022	4.46%	1	0	14	13	1	14	13	14
2023	4.46%	1	0	13	14	1	13	12	13
2024	4.46%	1	0	12	15	1	12	11	11
2025	4.46%	1	0	11	17	1	11	10	10
2026	4.46%	1	0	10	18	1	10	8	9
2027	4.46%	1	0	9	19	2	8	7	8
2028	4.46%	1	0	8	20	2	7	6	7
2029	4.46%	1	0	7	21	2	6	5	6
2030	4.46%	1	0	6	22	2	5	4	4
2031	2.23%	1	(0)	4	23	2	4	3	3
2032	0.00%	0	(0)	3	24	1	3	2	2
2033	0.00%	0	(0)	2	25	1	2	1	1
2034	0.00%	0	(0)	1	27	0	1	1	1
2035	0.00%	0	(0)	(0)	28	0	1	0	0

* Column not specified in workbook

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(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)							
2006	-5	0.00%	1.000	0.00%	0.00	0.00							
2007	-4	3.00%	1.030	0.00%	0.00	0.00							
2008	-3	3.00%	1.061	17.00%	94.14	47.07							
2009	-2	3.00%	1.093	59.00%	336.54	262.41	12.06691442						
2010	-1	3.00%	1.126	24.00%	141.00	501.18							
				100.00%	571.69								

(8) NO. YEARS BEFORE IN-SERVICE	(8a)* CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8b)* DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CPI (\$/kW)	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2006	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	-3	47.07	1.19	1.19	3.52	3.52	(0.79)	(0.79)	97.66	97.66
2009	-2	265.93	6.76	7.95	19.92	23.44	18.33	21.58	356.46	454.12
2010	-1	524.62	13.43	21.38	39.38	63.02	36.07	57.65	180.59	634.71
		21.38		63.02		57.65		(13.99)	634.71	

121.6013454

IN SERVICE YEAR	2011
PLANT COSTS	522
AFUDC RATE	7.47%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	25	25	25
EQUITY AFUDC	2		
DEBT AFUDC	1	1	
CPI			3
TOTAL	28	26	27

* Column not specified in workbook

1
2 INPUT DATA -- PART 2
PROGRAM METHOD SELECTED: REV_RBQ
3 PROGRAM NAME: [REDACTED]

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	(5) AVOIDED MARGINAL FUEL COST (C/kWh)	(6)* INCREASED MARGINAL FUEL COST (C/kWh)	(7) REPLACEMENT FUEL COST (C/kWh)	(8) PROGRAM kW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2006	0	0	7.71	8.61	9.49	0.00	1.00	1.00
2007	1	1	8.70	9.16	9.78	0.00	1.00	1.00
2008	1	1	8.89	9.43	10.28	0.00	1.00	1.00
2009	1	1	6.61	7.19	8.91	0.00	1.00	1.00
2010	1	1	6.31	6.81	8.50	0.00	1.00	1.00
2011	1	1	5.45	5.92	7.76	8.18	1.00	1.00
2012	1	1	5.66	6.19	8.18	7.50	1.00	1.00
2013	1	1	5.65	6.12	8.08	7.91	1.00	1.00
2014	1	1	5.79	6.24	8.08	7.75	1.00	1.00
2015	1	1	6.25	6.74	8.50	8.15	1.00	1.00
2016	1	1	6.84	7.39	9.21	9.34	1.00	1.00
2017	1	1	7.08	7.58	9.73	9.93	1.00	1.00
2018	1	1	7.34	7.84	10.18	10.88	1.00	1.00
2019	1	1	7.62	8.07	10.44	11.62	1.00	1.00
2020	1	1	8.11	8.61	11.37	11.00	1.00	1.00
2021	1	1	8.50	9.01	11.66	11.57	1.00	1.00
2022	1	1	8.68	9.17	11.85	12.59	1.00	1.00
2023	1	1	8.88	9.36	11.82	12.11	1.00	1.00
2024	1	1	9.14	9.61	12.13	12.61	1.00	1.00
2025	1	1	9.50	9.97	12.45	13.23	1.00	1.00
2026	1	1	9.61	10.02	12.08	13.48	1.00	1.00
2027	1	1	9.89	10.30	12.39	14.14	1.00	1.00
2028	1	1	10.09	10.45	12.18	13.64	1.00	1.00
2029	1	1	10.48	10.85	12.75	14.79	1.00	1.00
2030	1	1	10.72	11.04	12.70	16.50	1.00	1.00
2031	1	1	11.06	11.38	13.08	14.97	1.00	1.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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3
 AVOIDED GENERATING BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: [REDACTED] CI

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	6	1	0	1	1	7
2012	5	1	0	8	8	7
2013	5	1	0	1	2	7
2014	5	2	0	0	0	7
2015	5	2	0	0	0	6
2016	5	2	0	1	1	6
2017	4	2	0	0	0	6
2018	4	2	0	1	1	6
2019	4	2	0	1	2	6
2020	4	2	0	3	3	6
2021	4	2	0	3	3	6
2022	4	2	0	3	4	5
2023	3	2	0	4	4	5
2024	3	2	0	4	4	5
2025	3	2	0	5	5	5
2026	3	2	0	4	4	5
2027	3	2	0	3	4	5
2028	3	3	0	3	3	5
2029	2	3	0	3	4	5
2030	2	3	0	3	4	4
2031	2	3	0	3	3	5
NOM	79	42	1	55	58	119
NPV	29	12	0	16	16	40

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3
AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	10	0
2008	1	0	2	0	0	0	22	0
2009	1	0	2	0	0	0	16	0
2010	1	0	2	0	0	0	16	0
2011	1	0	1	0	0	0	14	0
2012	1	0	1	0	0	0	14	0
2013	1	0	1	0	0	0	14	0
2014	1	0	1	0	0	0	14	0
2015	1	0	1	0	0	0	15	0
2016	1	0	1	0	0	0	17	0
2017	1	0	1	0	0	0	17	0
2018	1	0	1	0	0	0	18	0
2019	1	0	1	0	0	0	18	0
2020	1	0	1	0	0	0	20	0
2021	1	0	1	0	0	0	21	0
2022	1	0	1	0	0	0	21	0
2023	1	0	1	0	0	0	21	0
2024	1	0	1	0	0	0	22	0
2025	1	0	1	0	0	0	23	0
2026	1	0	1	0	0	0	23	0
2027	1	0	1	0	0	0	24	0
2028	1	0	1	0	0	0	24	0
2029	1	0	1	0	0	0	25	0
2030	1	0	1	0	0	0	25	0
2031	1	0	1	0	0	0	26	0
<hr/>								
NOM.	25	5	29	2	1	3	480	0
NPV	11	2	12	1	0	1	172	0

THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

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TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	1	77	0	78	0	0	10	0	10	(67)	(62)
2008	0	0	0	0	0	0	2	22	0	23	23	(42)
2009	0	0	0	0	0	0	2	16	0	18	18	(28)
2010	0	0	0	0	0	0	2	16	0	17	17	(15)
2011	0	0	0	0	0	7	2	14	0	22	22	(1)
2012	0	0	0	0	0	7	2	14	0	22	22	13
2013	0	0	0	0	0	7	2	14	0	22	22	25
2014	0	0	0	0	0	7	2	14	0	22	22	36
2015	0	0	0	0	0	6	1	15	0	23	23	47
2016	0	0	0	0	0	6	1	17	0	25	25	58
2017	0	0	0	0	0	6	1	17	0	25	25	68
2018	0	0	0	0	0	6	1	18	0	25	25	77
2019	0	0	0	0	0	6	1	18	0	26	26	85
2020	0	0	0	0	0	6	1	20	0	27	27	94
2021	0	0	0	0	0	6	1	21	0	28	28	101
2022	0	0	0	0	0	5	1	21	0	28	28	108
2023	0	0	0	0	0	5	1	21	0	28	28	115
2024	0	0	0	0	0	5	1	22	0	28	28	121
2025	0	0	0	0	0	5	1	23	0	29	29	127
2026	0	0	0	0	0	5	1	23	0	29	29	132
2027	0	1	112	0	113	5	1	24	0	30	(83)	118
2028	0	0	0	0	0	5	1	24	0	30	30	123
2029	0	0	0	0	0	5	1	25	0	31	31	127
2030	0	0	0	0	0	4	1	25	0	31	31	132
2031	0	0	0	0	0	5	1	26	0	32	32	135

NCM	0	1	189	0	190	119	23	480	0	632	442
NPV	0	1	90	0	90	40	13	172	0	226	135

Discount Rate: 8.82 %
 Benefit/Cost Ratio (Col(11) / Col(6)) : 2.50

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1 PARTICIPANT COSTS AND BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
106	0	0	0	0	0	0	0	0	0	0	0
107	9	0	9	0	18	77	0	0	77	(59)	(54)
108	17	0	0	0	17	0	0	0	0	17	(40)
109	15	0	0	0	15	0	0	0	0	15	(28)
110	15	0	0	0	15	0	0	0	0	15	(17)
111	14	0	0	0	14	0	0	0	0	14	(9)
112	14	0	0	0	14	0	0	0	0	14	(0)
113	14	0	0	0	14	0	0	0	0	14	8
114	15	0	0	0	15	0	0	0	0	15	15
115	15	0	0	0	15	0	0	0	0	15	22
116	17	0	0	0	17	0	0	0	0	17	29
117	17	0	0	0	17	0	0	0	0	17	36
118	18	0	0	0	18	0	0	0	0	18	43
119	19	0	0	0	19	0	0	0	0	19	49
120	20	0	0	0	20	0	0	0	0	20	55
121	20	0	0	0	20	0	0	0	0	20	61
122	21	0	0	0	21	0	0	0	0	21	66
123	21	0	0	0	21	0	0	0	0	21	72
124	22	0	0	0	22	0	0	0	0	22	76
125	23	0	0	0	23	0	0	0	0	23	81
126	23	0	0	0	23	0	0	0	0	23	85
127	24	0	9	0	33	112	0	0	112	(79)	72
128	25	0	0	0	25	0	0	0	0	25	76
129	25	0	0	0	25	0	0	0	0	25	79
130	26	0	0	0	26	0	0	0	0	26	83
131	27	0	0	0	27	0	0	0	0	27	86
NOM	477	0	18	0	495	189	0	0	189	306	
NPV	166	0	10	0	176	90	0	0	90	86	

In Service of Gen Unit:
Discount Rate:
Benefit/Cost Ratio (Col(6) / Col(10))

2011
8.82 %
1.96

1
2
3

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) INCENTIVES \$(000)	(5) REVENUE LOSSES \$(000)	(6) OTHER COSTS \$(000)	(7) TOTAL COSTS \$(000)	(8) AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	(9) AVOIDED T&D BENEFITS \$(000)	(10) REVENUE GAINS \$(000)	(11) OTHER BENEFITS \$(000)	(12) TOTAL BENEFITS \$(000)	(13) NET BENEFITS \$(000)	(14) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2006	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	1	9	9	0	19	10	0	0	10	(8)	(7)	
2008	0	0	0	17	0	17	22	2	0	23	6	(2)	
2009	0	0	0	15	0	15	16	2	0	18	3	0	
2010	0	0	0	15	0	15	16	2	0	17	2	2	
2011	0	0	0	14	0	14	21	2	0	22	9	8	
2012	0	0	0	14	0	14	21	2	0	22	9	13	
2013	0	0	0	14	0	14	21	2	0	22	8	17	
2014	0	0	0	15	0	15	21	2	0	22	8	21	
2015	0	0	0	15	0	15	22	1	0	23	8	25	
2016	0	0	0	17	0	17	23	1	0	25	8	28	
2017	0	0	0	17	0	17	23	1	0	25	7	31	
2018	0	0	0	18	0	18	24	1	0	25	7	34	
2019	0	0	0	19	0	19	24	1	0	26	6	36	
2020	0	0	0	20	0	20	25	1	0	27	7	38	
2021	0	0	0	20	0	20	26	1	0	28	7	40	
2022	0	0	0	21	0	21	26	1	0	28	7	42	
2023	0	0	0	21	0	21	27	1	0	28	7	43	
2024	0	0	0	22	0	22	27	1	0	28	6	45	
2025	0	0	0	23	0	23	28	1	0	29	6	46	
2026	0	0	0	23	0	23	28	1	0	29	6	47	
2027	0	1	9	24	0	34	28	1	0	30	(4)	47	
2028	0	0	0	25	0	25	29	1	0	30	5	47	
2029	0	0	0	25	0	25	30	1	0	31	5	48	
2030	0	0	0	26	0	26	30	1	0	31	5	49	
2031	0	0	0	27	0	27	31	1	0	32	5	49	
NOM.	0	1	18	477	0	496	599	33	0	632	136		
NPV	0	1	10	166	0	176	212	13	0	226	49		

Discount Rate 8.82 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 1.28