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ORIGINAL



April 29, 1998

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

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Dear Ms. Bayo:

Enclosed is Gulf Power Company's 1997 Cost of Service Load Research Study which is filed pursuant to Rule 25.6.0437(7).

Sincerely,

Susan D. Cranmer

Susan D. Cranmer
Assistant Secretary and Assistant Treasurer

- ACK _____
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- SEC _____
- TRN _____
- ADM _____

Enclosure

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1998 Cost of Service
Load Research Rule
DOCKET NO. 820491-EU
GULF POWER COMPANY
April 30, 1998
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Results of the
1998 Cost of Service
Load Research Study

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INTRODUCTION

The purpose of this document is to meet the filing requirements of the Cost of Service Load Research Rule, Docket No. 820491-EU, Order No. 13026, issued February 23, 1984, by the Florida Public Service Commission.

This rule requires the reporting of the results of each load research study conducted in accordance with the specifications of this rule within 120 days following completion of the study. The results reported within this report are for load research studies conducted between January 1, 1997, and December 31, 1997.

A rate data summary is provided on Tables 1A and 1B and provides a comparison of various significant variables between rate classes. The number of sample points for each rate class is provided in these tables, as well as the coincident system peak (CP) demand, summer and winter CP demands, and relative accuracies.

TABLE 1A

Rate Data Summary
 1997

Rate	Year End Customers	Annual MWh	% of Total	System CP kW (1997)	% of Total
RS/RST	298,245	4,129,667	41.8%	976,967	47.9%
GS/GST	25,488	234,014	2.4%	58,782	2.9%
GSD/GSDT	13,039	2,015,830	20.4%	366,065	17.9%
LP	134	455,241	4.6%	74,971	3.7%
LPT	90	932,747	9.4%	155,504	7.6%
PXT	1	187,580	1.9%	31,089	1.5%
RTP	21	687,190	7.0%	95,529	4.7%
SBS	2	9,568	0.1%	0	0.0%
Others (1)	<u>8,357</u>	<u>1,219,039</u>	<u>12.3%</u>	<u>281,093</u>	<u>13.8%</u>
TOTAL	345,377	9,870,876	100.0%	2,040,000	100.0%

(1) Sales for Resale, Rate OS, unbilled, interdepartmental, company use, losses and SEPA allocation.

TABLE 1B
 Rate Data Summary
 1997

Rate	Sample Points	% of Total	Summer CPKW	Relative Accuracy(%)	Winter CPKW	Relative Accuracy(%)
RS/RST	225	25.5%	976,967	5.14	1,036,346	8.62
GS/GST	380	43.0%	58,782	6.00	51,978	9.36
GSD/GSDT	160	18.1%	366,065	4.58	255,931	8.84
LP	59	6.7%	74,971	3.59	60,081	8.11
LPT	44	5.0%	155,504	0.86	102,442	1.09
PXT	2	0.2%	31,089	0.00	13,123	0.00
RTP	9	1.0%	95,529	0.00	97,198	0.00
SBS	2	0.2%	0	0.00	0	0.00
Others (1)	<u>2</u>	<u>0.2%</u>	<u>281,093</u>	N/A	<u>234,901</u>	N/A
TOTAL	883	100.0%	2,040,000	N/A	1,852,000	N/A

(1) Sales for Resale, Rate OS, unbilled, interdepartmental, company use, losses and SEPA allocation.

SAMPLE DESIGN METHODOLOGY

The Load Research Sampling Plan that was used in this study was approved by the Commission in September 1996. The results of the 1995 load research study were utilized to determine estimates of variance for each rate class. These results provided a relatively accurate estimate of the variance, which was used in the sample design of the 1997 plan.

The combined ratio estimator methodology was used for the sample size estimates. The formulas for this plan are provided in Table 2. The definitions for the variables used in these formulas are provided in Table 3.

Stratified random sampling was used within each rate class design to achieve better accuracy with fewer sample points. The actual calculations for each rate class, which provide sample size determinations for both summer and winter peaks, are provided within the Cost of Service Load Research Plan submitted to the Commission for approval. Provided on Table 4 are the strata allocation and sample design for each rate class.

TABLE 2

Formula for Sample Plan

I. Sample Size Estimates Using Combined Ratio Estimator

$$n = \frac{\left[\sum_{h=1}^L W_h \sqrt{F_h} \right]^2}{\left[\frac{D (\hat{T}_y/N)}{1.65} \right]^2 + \frac{\sum_{h=1}^L W_h F_h}{N}}$$

$$F_h = S_{yh}^2 + \hat{R}^2 S_{xh}^2 - 2\hat{R}_h \cdot S_{yh} \cdot S_{xh}$$

$$\hat{T}_y = \hat{R} \cdot T_x$$

$$\hat{R} = \frac{\sum_{h=1}^L W_h \bar{y}_h}{\sum_{h=1}^L W_h \bar{x}_h}$$

II. Neyman Allocation of Sample Points to Strata

$$n_h = \frac{w_h s_{yh}}{\sum_{h=1}^L w_h s_{yh}} \cdot n$$

TABLE 3

Definitions for Formulas

- n = Sample Size Estimate
 n_h = Stratum Sample Size
 W_h = Stratum Weight
 D = Percent Relative Accuracy (0.1)
 \hat{T}_y = Estimated Population CPKW
 N = Population Number of Customers
 \hat{R} = Ratio Estimator
 T_x = Population kWh
 \bar{Y}_h = Stratum Average CPKW
 S_{yh} = Stratum standard deviation of CPKW
 \bar{x}_h = Stratum average monthly kWh
 S_{xh} = Stratum standard deviation of monthly kWh
 r_h = Stratum correlation coefficient between CPKW & Monthly kWh

Subscripts

- h = Stratum number
 y = CPKW variable
 x = Monthly kWh variable

TABLE 4
 1997 Rate Sample Size

GULF POWER COMPANY
 1997 Cost of Service Load Research Rule Sample Size

<u>Project</u>	<u>Rate</u>	<u>Strata Allocation</u>	<u>Sample Size</u>	
492	RS	1) MF GT 1000 kWh	22	
		2) MF 0-1000 kWh	24	
		3) MH	23	
		4) SFD 1151-1750 kWh	53	
		5) SFD GE 1751 kWh	52	
		6) SFD 0-1150 kWh	51	
		TOTAL	225	
493	GS	1) 0-400 kWh	95	
		2) 401-1100 kWh	92	
		3) 1101-1700 kWh	92	
		4) over 1700 kWh	101	
		TOTAL	380	
494	GSD	1) 0-20.0 kW	22	
		2) 20.1-50.0 kW	46	
		3) 50.1-130.0 kW	43	
		4) over 130.0 kW	49	
		TOTAL	160	
495/458	LP	1) Less than 800 kW	30	
		2) 800 kW and greater	29	(census)
		TOTAL	59	
496/458	LPT	1) Less than 1000 kW	20	
		2) 1000 kW and greater	24	(census)
			44	
458	PXT	1) All customers	2	(census)
458	RTP	1) All customers	9	(census)
458	SBS	1) All customers	2	(census)
TOTAL			881	

DATA ANALYSIS METHODOLOGY

Load profiles for each rate schedule were estimated using the combined ratio technique. The equation used to calculate the demand estimate for each hour of the year is provided below. The definitions for the variables for these formulas are provided in Table 5.

$$\hat{T}_y = T_x \frac{\sum_{h=1}^L W_h \bar{Y}_h}{\sum_{h=1}^L W_h \bar{X}_h} = T_x \hat{R}$$

The variance of each hourly demand is estimated as follows:

$$\hat{V}(\hat{T}_y) = \sum_{h=1}^L \left[W_h^2 \left(\frac{1 - \frac{n_h}{N_h}}{n_h} \right) \left(S_{yh} + \hat{R}^2 S_{xh} - 2\hat{R}r_h \cdot S_{yh} \cdot S_{xh} \right) \right]$$

The 90% confidence interval is:

$$CI = 1.645 \sqrt{\hat{V}(\hat{T}_y)}$$

and relative accuracy =

$$(CI/\hat{T}_y) 100\%$$

Load profiles were balanced to territorial input as follows:

$$\begin{aligned} &(\text{Input kW}) - (\text{Losses}) - (\text{Rate 1 kW}) - (\text{Rate 2 kW}) - \dots \\ &- (\text{Rate } n \text{ kW}) = \text{Residual kW} \end{aligned}$$

This residual profile was distributed to the rate schedule profiles by allocating on the standard deviation(s) of the demand estimate, i.e.:

$$\text{Rate}_i \text{ kW} = \text{Rate}_i \text{ kW} + \text{Residual kW} \frac{S_i}{S_1 + S_2 + \dots + S_i + \dots + S_n}$$

The coincident and non-coincident demands and residential load profile shown in this report have been adjusted per this balancing process. Confidence intervals and relative accuracies are based on unadjusted estimates of demand. The average of the estimated peak demand, confidence intervals, and relative accuracies are also based on unadjusted estimates of demand.

Table 5

Definitions for Formulas

- \hat{T}_y = Estimated Population Hourly kW
 \hat{T}_x = Population Monthly kWh
 \hat{R} = Ratio Estimator
 W_h = Stratum Weight
 \bar{y}_h = Stratum Sample Average Hourly kWh
 \bar{x}_h = Stratum Sample Average Monthly kWh
 $\hat{V}(\hat{T}_y)$ = Estimated Variance of \hat{T}_y
 n_h = Stratum Number of Good Sample Points
 $N_h = W_h N_h$; N = Population Number of Customers
 S_{yh} = Stratum Sample Standard Deviation of kW
 S_{xh} = Stratum Sample Standard Deviation of kWh
 r_h = Stratum Correlation Coefficient Between kW and kWh
 $\hat{S} = \sqrt{\hat{V}(\hat{T}_y)}$ = Estimated Standard Deviation of \hat{T}_y

Subscripts

- h = Stratum Number
 L = Total Number of Strata
 y = kW Variable
 x = kWh Variable

STUDY RESULTS

Provided on the following tables are the rate class estimated non-coincident and coincident peak kW demands for each month of the year 1997. The relative accuracy and the confidence interval at the 90% confidence level are also provided. Results for rate classes RS/RST, GS/GST, GSD/GSDT, LP, LPT, SBS, RTP and PXT are included. Following this data are the 8760 hourly demands for rate class RS/RST for calendar year 1997. Provided also on Table 6 are the monthly coincident and non-coincident peak demands, dates and times.

TABLE 6
 1997
 Coincident and Non-Coincident Peak Demand
 Days and Hours

MONTH	Coincident Peak	RS	GS	GSD	LP	Non-Coincident Peaks		PGT	RTD	SBS
						LP	LP			
JAN	17 0800	17 0700	17 1000	17 1100	17 1100	24 1900	15 1900	15 1400	15 1400	24 2400
FEB	11 0800	12 0700	10 1000	27 1400	27 1400	28 1900	13 1100	28 1300	28 1300	21 1600
MAR	26 1900	7 0700	26 1500	26 1500	5 1100	28 1900	10 1300	10 1000	10 1000	27 1600
APR	22 1600	22 2000	22 1500	22 1500	22 1400	5 1900	15 2400	5 1200	5 1200	5 1600
MAY	27 1100	26 1800	27 1500	27 1500	27 1400	24 2100	28 2200	21 1400	21 1400	20 0900
JUN	16 1600	14 1800	23 1500	17 1300	17 1200	14 2100	2 1400	21 1000	21 1000	20 0900
JUL	3 1700	4 1600	16 1500	2 1600	3 1200	3 2100	31 1800	10 1300	10 1300	20 0900
AUG	18 1600	17 1700	20 1500	19 1500	19 1400	30 2000	12 1000	7 1400	7 1400	13 1400
SEP	3 1700	21 1800	3 1600	3 1500	24 1400	3 2000	8 1100	12 1200	12 1200	13 1400
OCT	1 1700	1 1700	1 1500	1 1500	1 1400	8 2000	13 2000	10 1100	10 1100	7 2400
NOV	17 0700	18 0700	17 1100	17 0900	6 1400	1 1900	7 1000	12 1600	12 1600	5 1400
DEC	16 0700	16 0700	8 1000	8 1100	15 1000	9 1800	31 0500	3 1400	3 1400	10 1100

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE RR/RRT
 January 1997 to December 1997

1997	Estimated Non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	1036346	91384	8.62	1036346	91384	8.62
FEB	841127	76089	8.96	822124	81640	9.85
MAR	610838	90035	14.47	459378	38996	9.22
APR	535589	52359	10.08	483244	46398	10.02
MAY	818883	54424	6.43	812868	58911	6.98
JUN	883507	59555	6.42	839956	48541	5.62
JUL	1004368	64573	5.89	976967	53149	5.14
AUG	973531	54815	5.34	927094	50350	5.38
SEP	952269	69850	6.51	918695	44781	4.79
OCT	825833	53512	6.37	825833	53512	6.37
NOV	816295	81349	9.27	816295	81349	9.27
DEC	898076	92769	10.42	898076	92769	10.42
AVG				831442	32689	3.93

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE GS/GST
 January 1997 to December 1997

1997	Estimated Non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	63036	5788	9.21	51978	4984	9.36
FEB	51239	4646	9.04	38193	5614	14.53
MAR	42639	3036	7.48	33052	3798	12.87
APR	46646	3543	8.10	44013	3221	7.56
MAY	53243	4050	7.30	49323	3599	7.03
JUN	64402	4065	6.56	53920	3988	7.13
JUL	66666	3945	5.81	58782	3769	6.00
AUG	61529	3801	6.42	52831	4387	8.18
SEP	62968	4525	7.19	57244	4757	8.06
OCT	57181	3618	6.45	52430	3801	7.12
NOV	43441	5494	11.04	25030	3345	12.15
DEC	46650	4792	10.27	32231	3454	10.82
AVG				46623	2000	4.29

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE GRS/GRDT
 January 1997 to December 1997

1997	Estimated Non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	299460	25112	8.42	255931	23134	8.84
FEB	284652	18534	6.66	229851	16092	6.96
MAR	321786	20318	6.72	301708	14928	5.19
APR	340536	18035	5.53	319847	16019	5.12
MAY	379843	23183	5.93	362996	17886	4.80
JUN	393420	20056	5.15	374450	20074	5.22
JUL	390617	20646	5.17	366065	17638	4.58
AUG	415184	24136	5.80	401822	20924	5.16
SEP	413829	24787	6.03	392823	20541	5.13
OCT	388830	20519	5.53	370005	18980	5.06
NOV	276700	17268	6.33	186617	16109	8.11
DEC	292737	16409	6.07	224141	15647	7.02
AVG				318280	11883	3.73

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE LP
 January 1997 to December 1997

1997	Estimated Non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	70126	5012	8.11	60081	4978	8.11
FEB	68485	4614	6.90	60863	3768	6.16
MAR	73493	4268	6.00	65069	3611	5.85
APR	79340	3148	4.09	72213	2514	3.53
MAY	81791	5214	6.45	76680	4071	5.17
JUN	82801	2996	3.64	75674	2797	3.63
JUL	81870	3810	4.75	74971	2800	3.59
AUG	84771	4013	4.67	80191	3172	4.05
SEP	84540	4484	5.41	75246	2750	3.61
OCT	78285	4394	5.85	69086	2732	3.92
NOV	69361	5109	7.47	47802	5151	9.97
DEC	72288	4508	6.82	55360	3823	6.95
AVG				68556	1922	2.80

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE LPT
 January 1997 to December 1997

1997	Estimated non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	115919	2119	1.82	102442	1124	1.09
FEB	123094	3126	2.54	104133	1379	1.32
MAR	139651	3237	2.34	138759	3023	2.22
APR	126143	2666	2.13	118380	1402	1.19
MAY	137366	3509	2.51	129532	1497	1.15
JUN	142973	2914	2.06	138778	1568	1.12
JUL	157973	1120	0.71	155504	1354	0.86
AUG	147718	1832	1.24	140784	1235	0.88
SEP	157819	3745	2.36	151188	1698	1.12
OCT	72369	2461	3.47	70906	1179	1.66
NOV	113244	2655	2.30	91485	1102	1.19
DEC	65844	1903	2.94	57106	912	1.60
AVG				116740	541	0.46

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE PXT
 January 1997 to December 1997

1997	Estimated Non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	15536	0	0.00	13123	0	0.00
FEB	22731	0	0.00	21984	0	0.00
MAR	23059	0	0.00	21888	0	0.00
APR	34162	0	0.00	20976	0	0.00
MAY	34051	0	0.00	33466	0	0.00
JUN	34253	0	0.00	33395	0	0.00
JUL	35265	0	0.00	31089	0	0.00
AUG	35297	0	0.00	33753	0	0.00
SEP	34566	0	0.00	30980	0	0.00
OCT	8842	0	0.00	8008	0	0.00
NOV	8379	0	0.00	7519	0	0.00
DEC	8432	0	0.00	7726	0	0.00
AVG				21992	0	0.00

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE RTP
 January 1997 to December 1997

1997	Estimated Non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	110491	0	0.00	97198	0	0.00
FEB	108465	0	0.00	91029	0	0.00
MAR	109437	0	0.00	87996	0	0.00
APR	114707	0	0.00	97236	0	0.00
MAY	141905	0	0.00	104418	0	0.00
JUN	127367	0	0.00	103041	0	0.00
JUL	138405	0	0.00	95529	0	0.00
AUG	118032	0	0.00	95656	0	0.00
SEP	132882	0	0.00	97816	0	0.00
OCT	156236	0	0.00	127859	0	0.00
NOV	203798	0	0.00	167797	0	0.00
DEC	188525	0	0.00	151901	0	0.00
AVG				109790	0	0.00

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE SBS
 January 1997 to December 1997

1997	Estimated Non-coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	850	0	0.00	0	0	0.00
FEB	50708	0	0.00	0	0	0.00
MAR	8553	0	0.00	0	0	0.00
APR	55699	0	0.00	0	0	0.00
MAY	1626	0	0.00	0	0	0.00
JUN	0	0	0.00	0	0	0.00
JUL	0	0	0.00	0	0	0.00
AUG	1175	0	0.00	0	0	0.00
SEP	0	0	0.00	0	0	0.00
OCT	56710	0	0.00	0	0	0.00
NOV	350	0	0.00	0	0	0.00
DEC	700	0	0.00	0	0	0.00
AVG				0	0	0.00

GULF POWER COMPANY
 RATE SCHEDULE RS-RET
 JANUARY 1, 1997 TO DECEMBER 31, 1997
 HOURLY DEMAND (HW)

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010197	280258	254894	230194	208402	194438	211140	225195	254107	311192	355441	408078	439533
010297	425989	433137	402923	391107	406491	451152	441150	422111	404124	385181	358121	288919
010397	246026	223541	205810	202813	197994	231104	299119	340154	342121	349978	353888	348729
010497	351180	349164	347161	346524	342895	451191	443255	438479	401109	400217	355135	312854
010597	249982	214761	208773	196544	197592	226584	295185	319771	338015	352414	363785	360775
010697	373899	345308	334285	341875	360098	423554	445712	411320	393039	363426	324988	280179
010797	257174	229478	210454	207162	201257	205516	217635	248697	321060	351151	371883	359653
010897	396907	381921	374635	362935	400403	453031	447358	435068	401002	381481	359772	303625
010997	265490	239482	219583	209058	205283	209248	238732	289148	348157	382209	393680	395912
011097	409448	419025	400741	388231	408002	448303	495167	445214	411271	388944	335422	242683
011197	212019	205560	197773	189025	198658	254910	348166	366010	313437	349844	314082	330117
011297	318412	325484	330780	349337	409438	495021	512791	505357	471139	449378	384012	314818
011397	278480	259936	258139	242877	214628	365180	480443	492984	452892	448188	448452	451938
011497	459180	470926	473528	494449	546285	645747	672101	644022	617039	595982	524171	454809
011597	416041	396007	401238	393480	409513	444449	549109	585289	524009	494787	442516	449457
011697	428822	404744	418439	444763	490770	521790	544488	510912	471812	417952	359882	287144
011797	243134	222982	220892	222949	212447	307515	421784	444009	401028	388109	344042	424518
011897	432652	416357	454481	488984	552248	647049	705505	707224	735210	745520	644551	549161
011997	532089	578188	591548	602898	637742	748917	815183	809884	723944	612972	501094	480874
012097	429711	398291	384102	402333	444733	550869	579864	548098	548183	527421	479145	418011
012197	420872	411403	470486	513807	559427	625014	707007	825217	839295	805375	740480	690964
012297	413403	557257	514472	513850	572102	684438	728177	732778	742738	745109	722552	682016
012397	670581	672825	674887	685225	692429	742233	789740	875059	897157	829936	748747	674430
012497	610752	549999	540931	555478	594624	679610	718714	741805	718504	698514	618172	548810
012597	544192	545046	549535	559053	589501	701215	823504	823230	745198	698442	641457	627208
012697	599206	549539	549521	548235	634951	734157	775188	774258	758412	724189	670215	595488
012797	595197	598813	601979	623812	655438	742823	887811	850541	781277	678104	588414	521878
012897	448429	391393	386884	388533	436211	542854	605448	603554	591122	541139	541097	488194
012997	448718	451387	448583	440119	479419	573510	677095	654441	590304	508509	441973	425082
013097	364892	366882	357238	347077	402812	474786	491815	474493	458515	425152	361551	304688
013197	268174	277526	286591	317650	357459	471287	431243	458189	432420	571248	571945	489020
013297	470426	450028	429936	452471	543748	670499	749519	790736	810573	811518	644435	739540
013397	709923	717114	738359	785588	795084	914259	1033687	1034388	935854	862215	808955	741919
013497	646078	624444	602725	613270	701941	818745	840929	814057	812854	811480	749199	751981
013597	745774	745443	761462	795160	814248	862027	925094	1000878	980944	915624	809885	744029
013697	474405	546452	549455	579989	634952	744811	803048	823722	828158	820184	741450	746947
013797	743039	742540	749599	782917	778128	801822	854478	920201	890351	890351	718910	625428
013897	571346	524129	492947	488810	501684	589237	629999	614419	634544	611892	571001	551711
013997	531580	516574	543545	559404	581149	659403	740781	803835	735968	671114	574483	502545
014097	445301	407920	362525	375901	415903	509464	581493	581942	601679	583567	528902	466230
014197	470888	477388	489422	493672	519229	639454	748203	751474	621477	544801	461790	411315
014297	194504	349164	380039	398432	455444	544975	549489	543740	543354	508157	447139	384554
014397	118502	332123	342184	343392	342860	437519	559271	518081	468636	395176	342205	334967
014497	118442	303710	284363	306028	357682	411884	449971	424899	415401	400922	349214	279917
014597	246044	222421	219122	217388	219814	294914	404148	404109	360428	344004	344661	325749
014697	112509	294920	271513	289984	341619	413938	440977	447814	436517	409020	344558	275804
014797	227693	208192	201219	207687	202084	281955	382410	387518	338812	323889	323889	318168
014897	505766	283718	282025	302903	335551	393491	421748	383649	351037	328774	304227	249387
014997	223960	202942	199469	197059	194097	217278	240018	322454	381304	397732	389884	373881
015097	354855	320748	303513	309915	355541	411379	453840	444805	440084	424709	409240	380564
015197	147832	358276	368145	380402	397924	438744	514041	418745	442474	594424	524484	491487
015297	449049	407439	384279	377032	395959	444828	446119	490594	483792	473710	443594	412310
015397	180670	365482	364221	359447	382401	474770	581898	570327	472352	434468	404830	370454
015497	367438	347574	333613	358482	384154	437072	490693	418750	447951	425254	352944	286093
015597	225328	211110	198589	206989	202510	283042	393651	385280	348144	348804	324893	310431
015697	312428	302384	298699	338909	397881	489489	517862	538920	535884	501890	445171	400336
015797	374792	365915	364824	371889	402236	492557	639251	632542	577613	571789	540911	528801
015897	534752	545231	533454	557898	605702	683991	686717	651244	637010	603308	509018	480488
015997	406184	399777	394202	396920	417209	502572	613712	593542	534670	502080	475242	451925
016097	431157	411063	388421	410510	473824	566512	604559	614318	629229	614751	568136	494599
016197	496043	488707	495917	514449	534421	638863	759447	736001	642724	507848	449129	388283
016297	496044	329975	310781	323440	357113	452811	503940	493912	481884	447442	450887	409050
016397	144197	348778	343480	348042	344385	389524	439352	442444	573114	510073	474250	421478
016497	401824	351989	327774	328222	365774	429038	445450	421609	390374	375144	342501	294322
016597	243017	243152	234582	227913	220104	237421	284774	342615	394448	394658	348119	348883
016697	141823	341334	333887	347935	354044	405534	449245	444951	421274	378041	313742	285248
016797	221503	204335	202171	184614	207534	274494	344981	392253	345088	308131	342778	289219
016897	294044	272359	273975	288705	330879	395993	452781	452307	404214	384530	322444	247083
016997	222941	203330	194131	190811	201290	274952	388704	369940	337194	315781	309885	291051
017097	285744	286082	287444	298885	339994	394611	447542	427824	408117	378109	307545	242145

GULF POWER COMPANY
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020587	217557	204404	189572	185442	194224	247827	371499	360884	342789	338057	324461	303500
020497	297837	287585	285840	301288	311807	336604	448550	441885	445445	438897	432544	416050
	115488	297846	308704	329701	344794	448455	425943	441107	443853	445420	428689	378151
	149548	332709	318281	328445	386434	444202	511133	525772	508249	499461	477448	373859
020787	143192	337365	338072	339905	340529	455247	544882	560790	499234	439512	404211	325750
	113541	300429	284185	300099	316773	389929	419773	404144	372991	346749	323070	245816
020897	219384	224918	208850	210748	218043	216659	305318	385119	452447	498411	504987	488986
	454402	422971	375253	364744	420419	510004	577498	548459	561810	542151	512144	442019
020997	445488	439478	433774	440738	449282	469525	524417	404400	455911	421981	409743	370942
	519374	517901	509041	504590	544162	593749	650057	652320	638814	597462	574491	465254
021097	454412	440918	446201	444037	448880	573871	692940	675187	638173	595014	572229	520481
	469948	428546	399884	412632	477944	588766	656319	678144	642785	615409	572820	523280
021197	497701	502082	523629	548416	585059	702712	841127	822124	728846	633153	582095	498884
	417131	410562	374141	385384	439808	534601	637500	659327	673289	648507	614440	542071
021297	515816	528120	515325	552913	585701	699740	827074	774488	655851	571949	518355	458161
	416219	387271	374292	429184	497512	590729	629094	641049	628872	587177	520948	418443
021397	413675	403494	402117	399012	418133	517895	640233	616884	578611	545482	507496	448548
	416224	349813	341644	344213	349611	428899	485789	481722	479515	444957	409884	328849
021497	292087	277589	277534	273020	284286	345597	486813	476159	441787	447889	441241	418591
	447794	439551	437883	457886	503617	561003	548778	545609	529001	510425	477484	439704
021597	404617	388137	388584	404368	409702	448182	514949	599501	610171	588951	560119	491921
	458090	408803	372527	368955	401932	442196	522197	533974	542912	549542	533818	488581
021697	482866	473879	487218	505819	524527	559955	637722	707185	695540	630283	548411	462249
	413121	397045	364770	349149	349959	432275	520419	523211	510748	507919	479510	425581
021797	428188	422373	415345	444028	472768	541713	649317	657618	596458	516485	458511	389329
	358787	340088	324244	314210	350319	419234	511355	511184	507214	488180	473910	418209
021897	365698	388514	381040	395697	421361	522991	627881	618134	509341	432114	370310	347101
	118444	112015	293548	304130	311722	384227	452841	451855	452242	402319	367019	308429
021997	275278	276734	267840	276534	284730	384546	494011	495800	392419	350132	317018	250122
	288767	285487	277521	304381	333070	372712	431991	424028	435692	380445	324539	248922
022097	212578	204478	199621	189405	194602	274774	397050	373592	339971	324357	291728	248248
	294284	286401	285480	297024	332408	396408	449460	430555	409264	383173	328404	246440
022197	210204	200521	195775	179367	191462	268841	363130	373450	339581	312953	240852	192450
	125015	123524	120216	121841	150414	181562	408104	395219	380519	380514	316247	275248
022297	289771	218204	208509	192350	196827	209774	261507	320598	371191	377479	369344	314934
	351961	342463	321681	325143	346364	397549	454029	429502	415158	401805	379942	342557
022397	316104	311065	311284	346624	350751	380842	476871	554622	618162	624312	592510	535421
	484474	443715	425896	434885	469698	520330	561715	551084	549339	500355	448192	374511
022497	352121	344021	352328	347304	368016	440008	582350	545814	514428	491144	457596	417558
	411261	445625	444713	493929	544854	628288	656632	644015	621354	584297	492365	422488
022597	380792	384079	374114	347692	388863	481292	637888	607134	549442	519822	529728	431514
	494495	488249	470203	484464	529757	608107	811302	811300	572159	544192	458451	384101
022697	355472	317428	315448	322438	328454	418071	511859	518137	447468	408131	375317	305880
	315890	309548	300541	320144	347085	424585	451404	438444	444447	399301	321415	249442
022797	214081	214878	204709	203039	201417	280149	391841	370432	340080	317241	317449	314449
	114710	122095	130944	150495	167849	421454	475532	448194	450587	425080	350288	247082
022897	262772	241823	217760	201383	215115	271140	384024	378725	355931	349544	348852	345384
	317830	328162	326332	332727	370859	404598	437800	416492	399730	349424	318792	295245
010197	214072	235045	213449	201750	200719	207744	245924	302499	358590	389214	419617	392214
	347840	360118	342939	285748	373403	414444	442927	434201	404449	397247	354197	313895
010297	253011	233809	218707	210615	204140	214433	240222	305448	372509	398424	401719	417102
	417235	425318	411623	420544	424444	453401	508994	502231	477444	440109	381449	321462
010397	261888	245432	225148	209985	218885	286874	349574	362344	339154	342578	340330	359782
	363900	373415	377031	389278	403162	438848	482427	475190	446284	410772	375792	281889
010497	228840	211077	209573	197424	220365	284367	421335	392491	338851	315514	305992	294096
	315124	312944	319950	337789	364375	402235	447772	448490	417195	407844	404028	270424
010597	242320	214272	194835	184773	204035	244339	377070	354512	312539	323241	312749	184914
	348118	345365	367014	376747	408480	438950	467765	442442	448277	412020	361224	292441
010697	254408	219411	204978	198175	201175	273723	389325	384344	351480	344919	314734	250934
	287075	244377	249444	290392	327755	375953	449424	445532	456009	441027	388851	343714
010797	317527	311193	311341	322344	348593	449389	610818	572440	462102	409888	450198	344829
	294822	284588	282444	300278	313994	359180	414212	411274	407087	379019	359935	324939
010897	311454	303734	299462	314444	317079	353937	437462	463715	453218	406844	357421	332261
	318304	306777	317545	329634	360455	373861	437018	391561	373442	338695	307074	270714
010997	227161	208004	203462	194920	193349	210103	248974	213542	199394	174174	167854	175190
	361542	375199	380633	398710	411151	423422	478075	489019	444924	394721	375343	255444
011097	231738	210567	204213	189445	198399	275055	367284	363314	312729	327184	349411	357281
	368139	361982	374418	388902	412897	451413	518432	492474	445454	412009	351424	272755
011197	217405	221199	204187	188798	204944	244417	367234	361444	314275	319194	314285	324934
	344967	387013	381270	405161	445744	452130	489445	484459	454819	411344	344225	260449

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01287	210631	218204	199181	200594	200688	254104	174421	167474	139403	113768	104600	124594
	127449	137118	149549	148508	400043	427302	471448	443444	410947	391822	349444	270112
01197	217577	212842	205222	193777	198888	272010	165045	171441	129418	121444	112774	135858
	147455	145993	137403	135048	172802	435193	438533	443804	409994	382663	334733	240399
01187	214873	214361	199940	192457	198355	272137	173851	163208	150959	138703	134373	154445
	174261	168949	160271	163599	412610	404633	432897	418108	388950	380813	340044	297744
01167	241517	215623	202504	196366	200183	220167	276354	138385	184016	405077	175272	161598
	150870	140462	121769	115547	151998	195895	438415	429879	401059	397474	383544	351288
01167	122788	115828	107079	112447	127050	154329	440320	521658	530488	493282	450203	395280
	163111	147202	129675	139674	162400	188841	443172	447980	431979	411517	389444	289725
01177	249676	252482	263442	263995	280329	174887	504094	467011	401967	352624	328514	239459
	108300	292948	284858	307834	147590	197478	457444	434949	414854	391314	372362	240422
01187	234377	211505	199933	196443	209730	285302	184904	181828	135364	118524	288127	285403
	109857	127394	151205	174632	403297	417387	471756	451645	433316	403040	349009	280274
01197	245336	217529	205735	203184	211173	240233	178200	184339	140275	117809	117809	120818
	124048	109408	194039	125024	167134	141441	418714	441448	413729	393399	344511	244497
01207	224471	210457	197399	187385	198307	245051	161388	162808	128444	111247	103584	288611
	107405	289400	303944	311240	143448	401184	440345	434570	421447	395314	328495	255244
01217	224443	207437	191540	188450	197478	270001	174751	178019	126205	118174	115752	108113
	109139	116472	119740	152838	169020	192270	408579	395091	357940	340029	288934	241792
01227	224725	209216	195948	192189	194969	212230	240104	114755	144727	145748	138900	172538
	174391	184035	403382	416872	432334	428926	427389	429581	387395	350746	315092	271442
01237	219444	208494	197225	191597	184942	208837	237803	101138	135870	153333	143804	158793
	153114	164689	167816	181810	406745	417743	451218	450744	431522	381925	318392	259393
01247	224632	204522	208936	198155	221291	107740	414507	407154	353505	328749	310917	215731
	129148	124255	129339	144732	181705	411311	442248	443204	421145	388999	311815	254455
01257	219427	203754	195904	200719	198793	245138	151208	138772	118499	124491	124479	130417
	111442	158809	174610	161818	405407	429244	471709	476541	458909	418499	344339	304282
01267	255513	227409	216193	209174	211410	258140	150552	155543	138925	122708	140439	130428
	147381	162491	170749	191493	425482	439039	459378	458417	439344	427392	349338	279428
01277	215089	203542	192352	183532	192785	249774	148514	152443	124387	115812	114218	150093
	170038	181954	194440	407988	422812	443544	448704	444450	430702	398395	348795	244427
01287	218111	212904	206546	194520	198073	252898	124889	150792	162888	160422	147173	179447
	116444	172444	157925	162844	187794	405031	418433	415871	397121	394449	344441	310429
01297	249520	213837	208806	201974	198973	219582	236035	102380	115094	424410	418788	424750
	418474	420894	411252	427206	443248	452340	470179	448897	419448	423344	392310	341813
01307	249288	249616	229320	216444	214458	227786	279251	191443	423711	458965	418139	501444
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01317	252502	219825	200223	200134	214389	245244	155218	169942	177444	177420	169942	140954
	119457	113504	105852	121664	162057	179078	440745	449754	408157	382444	310440	240174
04017	240081	218481	221358	218708	224804	101532	197353	408574	174633	169331	142530	113599
	109740	290567	294207	297472	121444	169820	423622	411321	411840	388855	344444	279238
04027	254489	247489	249048	250111	248903	152215	428554	425009	179403	188885	144444	144444
	105048	105926	111912	119179	144024	188322	411401	420328	181032	161149	119394	240421
04037	245985	221384	220385	215347	213883	105184	181773	180500	149903	154401	119421	119318
	41257	142271	117053	191939	194438	401504	447744	428849	412174	375599	327977	257444
04047	224449	204887	184192	181374	190483	245889	117797	164250	150247	144455	144441	140424
	149189	155421	162728	164003	163011	187347	430548	405471	171740	159689	144254	279707
04057	219378	225481	202328	194444	190440	201888	244554	104157	167819	199251	191544	193141
	189090	191972	167504	182333	401451	421472	417200	411188	388477	373355	352307	303028
04067	245222	234474	230000	220057	213425	212195	225331	254454	114704	159911	140433	402941
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04077	249202	213857	198124	192189	193545	171290	130444	124924	109940	105430	119728	119599
	125244	138191	167950	191574	425442	444149	414093	457048	453777	424440	444751	271742
04087	224449	204887	184192	181374	190483	245889	117797	164250	150247	144455	144441	140424
	224449	204887	184192	181374	190483	245889	117797	164250	150247	144455	144441	140424
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041697	222159	203099	189128	200774	222450	300181	418824	418761	358752	323382	287204	242887
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041797	213117	199078	194812	186146	201896	248533	373375	378853	145121	327031	111488	101708
	293042	289902	320684	335839	359032	164858	354967	412811	426969	187437	162104	272880
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	286685	288808	277208	284809	317135	346420	149161	174888	352702	351880	303169	275409
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	313275	313070	314228	335728	346673	337527	352311	348743	378185	368559	388999	280622
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	386670	382792	380500	395791	411819	437662	428118	441815	457144	414443	339989	263363
042197	230180	198999	194895	190429	196764	248865	342323	354848	318727	329899	322710	145291
	381146	375325	388239	433906	459894	499899	358796	507910	523605	489672	409966	326081
042297	280391	251494	240431	228230	234285	287586	375578	377318	345293	343785	359420	184423
	410692	427449	448128	483244	481034	519663	528883	535589	524488	490688	427485	373383
042397	289139	216726	218514	212138	220977	259657	351458	332309	314798	304881	300563	177044
	402313	401886	412204	348721	372374	386353	397791	402282	402287	393177	314709	273561
042497	225020	200226	194422	197946	214884	281255	392976	370299	347903	314103	303478	288954
	284454	290118	295269	314786	342251	373393	379954	404195	424202	385395	322152	248511
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	305054	296590	314078	353809	382527	389543	404192	400476	390785	350670	307791	240454
042697	227184	200488	198351	193681	194069	200549	241186	286037	316125	300142	382838	100619
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	386867	391978	391935	385267	405241	431680	445155	466148	471387	448793	400007	333071
042897	278144	248881	217524	227322	223393	245808	358436	347685	322676	308428	314480	127586
	425014	423817	424955	345708	363218	398059	411222	418762	431183	409610	348766	271668
042997	214891	200991	195162	181470	196589	253808	353808	347995	345339	317258	294426	282111
	300069	356418	304298	313860	348317	373561	382571	397800	403985	388218	328585	257868
043097	210287	181287	192652	187390	198893	272468	374096	368481	334500	299955	303915	104861
	316223	408221	421379	345506	344898	401391	415407	418125	424514	414492	377674	308947
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	311401	318903	350400	385784	422589	460242	473520	449950	479903	458696	372	287410
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	386541	391079	381640	401599	427467	469794	442500	434582	428548	441091	406103	343207
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050497	245974	216095	208366	197299	189908	189998	236044	278004	328077	345541	343362	139844
	386181	344274	353230	374657	412900	427588	403266	404881	422395	399938	335610	258910
050597	214881	205031	203218	195091	214287	281535	398938	385028	331004	317091	309510	105454
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051097	320355	274678	254546	227069	232165	231866	244192	293171	326218	338800	343118	147708
	414283	318348	306847	320887	360791	383914	366297	363835	366113	334074	311531	242965
051197	227810	201138	191450	180240	180363	203042	236050	294154	318455	350001	341093	340292
	347833	356283	360252	382499	394226	414903	407607	403764	441353	406755	338655	248052
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	314229	343864	351945	389297	415726	454818	463658	448492	472180	422597	348384	248379
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	361866	389694	405153	457758	506109	524224	518893	493042	491287	461671	373575	328478
051497	257496	224734	221488	207847	216362	248241	352331	350904	347489	349802	362280	194995
	421916	449866	464659	497588	527664	553632	541638	502055	515218	489443	430484	350417
051597	288867	249209	243700	234814	236737	294236	380457	383597	369675	387561	425981	452049
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	504888	526331	557863	564937	602347	612344	586078	520789	514963	463795	423678	368310
051897	299305	269811	254289	240881	225207	228694	258322	304305	380047	438823	478091	507329
	356320	283365	261979	245395	244406	291352	373321	386654	370344	344519	446395	378685
051997	418917	458883	463425	496718	529447	565094	584894	568114	545715	523585	447389	388892
	512678	294347	267512	254994	248332	304108	384838	392284	368510	405072	460750	688570
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052197	485048	325700	289255	289589	285353	327944	423144	424581	405001	448148	497744	558577
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052397	128994	284191	265507	239800	242789	279913	177940	376818	389255	180444	441148	184887
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052597	167672	329356	291431	278825	269494	308420	405550	410444	427439	478548	518544	57148
052697	411554	651723	658014	484713	717485	719477	686470	611744	611314	576779	518051	45870
052797	383448	452277	323232	315824	287295	294644	329402	381653	472225	538623	574651	249248
052897	463187	684879	704584	723353	747597	740424	703507	673148	644610	606551	554139	43139
052997	411139	474249	334855	312702	303498	300018	319364	335050	395512	472060	491870	21449
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053197	142779	315964	313624	292125	292779	302725	339424	408542	475444	581734	480242	67131
053297	719514	714185	744725	771114	790253	802760	782410	736219	713218	664127	584750	494437
053397	444032	411114	379380	352883	351911	371309	442853	472889	448421	541802	592004	654131
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053597	451295	400840	384568	341270	349587	359903	414080	413319	387045	437729	437773	484292
053697	485942	513578	519070	558492	594870	611087	628243	600344	591238	540840	448139	480754
053797	338785	303008	289542	268290	259825	291708	343517	341878	351972	390849	404748	43158
053897	442045	443343	419954	453304	449509	487317	488239	488434	500447	474071	418530	144444
053997	311454	279950	246738	251744	249323	283217	355144	358814	381428	384710	391410	420404
054097	420044	429430	435744	444484	453388	464292	441583	453428	442444	423445	390797	13218
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054397	305521	277174	260564	230949	223310	230942	243449	300494	378087	474134	467138	497539
054497	527244	544332	570978	548821	601090	631067	594839	547544	558334	517313	452955	162510
054597	303647	267341	247710	223737	229399	259144	328499	348261	347804	384152	439404	470204
054697	497839	520844	544034	545889	589249	593714	592133	540559	522059	505449	432048	320581
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054897	479022	505974	520354	557187	594374	614973	594374	557445	538204	517001	451400	158831
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055097	532208	564849	579504	607508	630879	652510	605415	597732	588804	559051	484404	409444
055197	442444	443343	419954	453304	449509	487317	488239	488434	500447	474071	418530	144444
055297	485212	254449	244118	227130	232087	240328	320494	340441	340441	414997	453230	493777
055397	524445	554442	589293	621785	655182	649937	633524	572100	545511	535530	454883	193447
055497	139144	293458	271243	254838	244400	241723	272449	311207	345415	402559	417347	434513
055597	442417	474614	479047	444035	487409	505938	484208	495298	501871	489374	435014	374524
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055797	565490	592154	588145	599055	619078	634441	611744	599314	594051	554447	470772	384144
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056297	379053	339344	309059	289785	293871	324422	344905	409439	401182	423474	444444	480339
056397	494800	525771	522051	542713	578444	620294	620294	595751	584422	544739	502424	434513
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057197	775453	804543	814433	865355	867722	883507	839492	805407	773244	744092	649443	547441
057297	482070	412977	403249	379345	377104	409449	458154	481779	515347	591070	643444	735243
057397	545045	504480	480020	455144	455144	443947	524404	574291	572910	552454	493797	403744
057497	754440	740129	744403	779130	744531	744505	720514	702424	678145	621042	557354	731920
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057697	514759	544944	574594	605030	630175	658401	642417	620283	609117	621994	557490	515447
057797	424449	379774	345344	345305	334757	344044	417594	444214	474243	517054	543430	541337
057897	551154	544045	527144	514053	544257	409304	623791	603105	597994	555542	511401	440879
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058197	193544	144410	322109	315744	303001	304774	325041	345319	442501	544449	59350	444403
058297	702097	745709	778349	791157	819442	822442	779951	739951	707449	681235	607444	514474
058397	444414	424058	384554	344243	357452	350038	375147	452458	512543	614019	643294	724247
058497	479937	791345	775423	749144	744043	744494	744494	744494	744494	717245	711451	643247
058597	744444	801012	800123	817137	817137	819133	805971	747241	724139	644449	441223	544739
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062597	437863	400540	391519	360555	357352	381754	440192	455784	482626	533580	589980	642217
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062897	393799	350580	329311	308089	295420	287134	325077	393481	485760	548940	625985	674900
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	699429	711948	722011	732163	751514	751471	742270	711474	695510	658427	619347	497915
063097	439317	397241	370499	365254	347835	343585	411399	456407	511761	584449	612019	635594
	627119	615545	605084	604429	648891	707036	734922	693857	648719	604571	564774	498823
070197	448574	409417	385131	366422	355494	380511	437720	479850	531594	591934	632178	639551
	781248	795427	810997	844963	804035	788981	775825	733812	721102	692778	635384	582310
070297	480872	433620	412315	397542	391140	408440	451745	514808	565956	642299	704178	733084
	810587	854999	874642	904256	839449	859066	828841	895700	875807	842114	782740	682759
070397	586622	538046	496042	458422	455487	453864	489204	544468	606474	704829	787251	817012
	857196	897617	929481	955742	974991	990155	975660	925616	893288	853209	799986	720323
070497	641385	578755	548921	509542	494437	478127	502154	579022	692229	814219	918862	952248
	977717	1002366	1000518	1004368	986350	964443	922911	871315	815329	761899	742986	682245
070597	619315	567457	535479	508815	478478	462458	463925	492078	564841	651365	597249	609179
	816035	825278	810910	825172	846521	872602	862881	816163	629572	613372	581457	489591
070697	448847	401947	369593	346230	327292	320298	345167	399518	497828	591890	684018	717019
	779170	810910	856279	852545	835242	823264	772495	724417	710445	677028	606281	535849
070797	433951	397392	380399	354450	345894	343898	409965	471610	529118	611105	671588	727104
	731932	712775	730048	762473	781687	781220	765414	714420	718978	678447	593778	531371
070897	458220	425360	401222	376470	362179	362194	410771	470375	517003	601003	684204	678820
	672891	681717	713167	747489	781290	812860	783944	749546	723739	680024	621551	522197
070997	458345	417694	400440	371420	361053	384894	439271	473463	518445	564070	641008	710923
	757008	816404	848430	873460	916989	942939	907279	851817	814547	773237	705648	600200
071097	527913	460480	444957	410811	388878	414928	440375	494182	551053	617838	694592	784994
	804333	838831	888959	878097	883350	896223	858260	825714	797522	748319	674601	588996
071197	499040	450594	417156	401121	386314	388284	463107	509466	547296	628984	721388	789126
	811796	881378	896042	922644	938490	897405	851896	809202	764714	705526	655935	589147
071297	527012	469875	440585	406552	393999	387032	407811	468808	551070	642621	699819	773281
	837080	846744	866840	874566	889209	894889	882179	830624	790046	729301	670232	601205
071397	519173	456796	428604	401444	378400	377172	388240	447093	554455	623267	728502	784008
	854576	902961	926299	920908	906360	907176	863952	828249	820413	765299	675780	615861
071497	491777	447080	425908	400326	388133	398360	454737	472425	524228	603100	681179	750100
	799025	836956	864036	862556	849144	870762	854577	823505	776943	699923	633616	584041
071597	493422	441290	411918	384861	367002	393793	444759	489930	516893	591592	651289	725926
	789485	830951	848959	888315	908544	924980	899595	834274	824767	772484	687529	574911
071697	514527	453988	421478	388942	383583	387488	450680	488959	536085	608452	674817	751325
	819420	866318	843375	823472	804817	807058	870599	808205	794047	740070	704740	657495
071797	797489	831494	839604	813251	781574	752453	728429	693245	683352	648110	574010	513422
	447563	413460	391482	386274	380929	408900	481011	487362	483325	505050	513952	531351
071897	522101	537015	515047	530679	543009	572629	559904	544173	545422	543335	490140	445244
	407635	388855	374200	372532	362934	354949	381879	403059	454463	510559	553972	581099
071997	619945	627577	626812	641341	632788	645236	623259	610481	591458	571437	591208	649404
	473154	432981	404734	400124	383978	380160	405207	438192	502813	560548	589085	605861
072097	642274	653878	640908	658647	650735	675882	651305	640510	640794	627938	588454	508675
	448172	416914	391397	378567	370469	392422	453107	468525	490513	531017	588474	635770
072197	472981	710015	739015	765781	765324	778104	751571	740091	720369	680474	614040	523335
	482265	447830	422499	411351	419879	445503	501724	529756	516257	557680	611341	649918
072297	683965	750002	745375	764471	753391	755737	738423	713496	704353	683595	637449	548394
	503930	459490	428287	411701	395144	426107	482645	516249	531820	601556	671948	735414
072397	774690	829737	842097	879949	888044	911250	861343	843741	808399	797900	835281	807952
	534287	483433	458248	438506	429204	447367	493492	531450	585177	651394	719581	785453
072497	814194	821547	819080	826596	849979	892531	881451	871944	814806	746222	710676	614910
	586576	505895	483526	452487	442531	442289	512098	556535	607398	668395	742347	784442
072597	834614	843267	832192	789305	767627	754575	716892	693745	671132	644904	595795	552528
	491956	456147	428894	407217	398939	401059	419990	480283	555889	642762	728777	802902
072697	857797	897733	912220	922040	927824	923325	862775	836344	820237	750232	681301	611444
	547154	479480	458573	434517	417447	403528	423213	485484	594439	691899	794173	825395
072797	895587	913299	940165	949950	943889	920292	889566	857600	812446	755512	685299	602885
	555422	497183	473798	446677	432486	438920	495589	522655	558034	614144	681541	749010
072897	786441	826447	840410	819519	829937	823534	807349	754752	755505	718093	648241	581954
	502039	453616	432335	403774	402804	416380	470819	494727	542946	599395	650050	685518
072997	726250	762450	793493	822744	846399	859239	825539	776142	740593	695548	637704	553895

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 RATE SCHEDULE RS/RT
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074097	505999	459322	435164	415983	404539	424665	474821	499941	535092	593258	445485	729681
	777329	811479	830545	865158	885130	905528	874940	814139	824414	747247	499741	598821
073197	544610	502296	477880	455319	432821	443881	463881	517811	540798	543131	588784	424042
	840508	702143	647428	643980	675410	691354	670249	644390	650387	627189	559046	480424
080197	417221	384853	357567	333455	329844	341743	389389	410161	404814	413527	438510	444031
	461514	458443	489473	455490	522704	533025	530126	521394	525104	511037	448012	418947
080297	190512	358629	343813	325289	326231	327438	354283	376149	439228	496684	557385	589238
	601218	577631	559886	547737	557449	588077	572054	548807	550782	529222	448609	440522
080397	195478	354216	344755	328404	309543	305013	328388	393805	493538	558885	647372	681899
	743648	802254	816899	848860	877003	901373	845085	807449	784831	724777	654095	544744
080497	498257	441212	435128	405828	401484	416311	461341	500535	537287	594121	643728	740780
	743564	755511	772934	773544	789177	826274	793392	754023	733515	689219	628524	554084
080597	482339	445357	416638	402267	385714	401781	455444	482041	519728	572197	645892	742388
	781789	805537	826202	844895	867025	888348	872460	815874	809882	733854	648291	510733
080697	524910	464338	434749	415777	405219	412280	454245	482903	532076	594544	672057	745942
	818978	855561	879860	893834	917494	934034	907841	835061	807983	757219	677223	610144
080797	512460	445954	419653	395279	382745	380542	430816	447079	510819	589744	659383	732208
	779121	811294	840282	859181	861494	899172	842443	814449	779164	741105	647149	549178
080897	512144	474980	437352	407229	402691	409945	454620	494242	537991	590683	628399	643942
	847145	725224	753900	778950	774592	780489	737105	681893	644514	624124	549379	511249
080997	441818	441430	422778	407355	394477	383128	406982	445994	522218	588840	648001	724614
	749372	745484	754388	744875	734489	723317	691319	641934	630703	598394	545145	505184
081097	453290	413585	397945	373891	365329	352348	378084	424511	514480	599007	673654	734084
	733327	701470	709472	826061	844554	848774	822278	779952	748417	702719	620940	533055
081197	480245	432774	408450	382998	380846	397605	442480	482147	533321	577639	643728	715442
	747082	816714	839258	851061	879326	895799	869312	828504	803644	755498	673048	574847
081297	502817	456456	434013	412847	410374	425697	483342	509737	541633	609192	683441	741413
	793836	821205	844454	862416	893814	901515	880509	809121	801361	735837	671857	579545
081397	509112	464976	440245	422913	405225	429484	484524	510044	552598	620945	702537	746934
	823316	854242	861210	860967	876157	905498	881110	844108	821997	744414	644492	608285
081497	543954	499207	459958	449414	438136	440258	498241	524449	584452	653871	711374	746310
	809289	828218	844376	893743	930242	943044	912004	844141	857095	798814	708944	614497
081597	541740	537206	503402	487149	472897	480271	530344	572333	606463	653349	711917	730738
	771398	816391	847389	882254	911159	921101	895153	844485	820219	783244	702800	647409
081697	544506	548140	508918	503484	483033	479241	495255	557357	649322	744440	812342	868874
	836876	818198	940451	943421	939075	935046	812965	872233	842354	748875	722348	648558
081797	548251	528247	499584	469853	452079	434684	441114	524677	636728	737844	810594	844422
	902489	929880	950488	953900	973531	972602	941137	911440	890313	808442	738023	604444
081897	556536	510984	489565	461754	461216	474908	541809	552794	587449	649781	738918	784114
	844942	893303	903945	927094	949279	953344	934555	900799	877498	815799	749048	625238
081997	544432	505964	462244	441245	433220	450146	494248	504028	559757	621202	703855	741295
	819962	870807	884761	869885	834710	859190	814705	773884	754708	693289	619395	533036
082097	442443	427307	412948	400554	392429	427419	484547	514205	540244	624827	694681	749344
	799721	847805	872893	869396	854733	857280	805144	747347	731425	647894	601727	523842
082197	449149	421379	404398	393779	384448	414084	481449	489944	508342	545751	598802	648717
	711101	775116	808929	844528	869954	894478	850311	816782	789143	711448	620415	524974
082297	441811	414988	391879	368193	352867	377893	438151	435401	454994	494526	548006	547101
	614021	653463	688408	714114	742847	754870	709263	633645	604225	544555	482018	409408
082397	344509	324328	308409	281447	277802	281087	313934	355040	402170	444749	522330	547244
	640958	678748	697454	707063	708396	704409	641204	625184	604800	553623	448394	413447
082497	342441	324444	297992	279083	267009	262813	283639	329905	424404	494509	542885	623417
	647081	714904	746189	815190	824547	833368	798614	747448	744444	670353	544904	454248
082597	430340	393234	373053	348399	339443	374889	441440	441474	448923	506114	573120	634739
	702894	755142	795152	812145	845155	845423	828471	774710	734671	641267	570448	484632
082697	398410	357341	339770	313414	303050	330345	400774	395448	398891	451340	513280	543417
	658554	709731	750528	808354	821383	842943	801414	743425	714148	644501	554598	470278
082797	430289	393521	360549	341429	341454	372403	453041	443072	465082	518542	573525	618134
	641053	723137	758041	787344	823844	841324	814222	802513	772474	712340	622597	542807
082897	458092	419058	407408	377412	365545	394508	470110	474187	494343	543042	624479	700950
	747201	786315	817714	837413	845450	877542	857394	824701	800242	731424	654691	553127
082997	493230	440037	425058	400463	389838	413444	504045	493547	514298	572132	634504	705747
	748841	804434	850444	872252	894318	878332	832442	756345	735384	674341	611512	527335
083097	487742	453311	419191	394435	377014	370049	388223	445351	529847	613814	717958	784091
	854195	906167	932167	948052	957004	953599	914451	874792	801052	742048	648814	543344
083197	509981	467258	432800	397382	391101	374305	391945	435445	517108	617934	722854	790945
	872598	901528	919449	904834	878901	871082	810161	793854	744072	648971	544472	448921
083297	475320	434144	419385	392388	377698	383840	390390	433712	535791	647721	742034	813284
	845307	898114	913138	911071	917447	911404	873894	835352	812095	731103	647421	550524
083397	485095	436997	418347	389514	381247	427299	490484	487584	492337	544444	623445	694418
	740304	795897	822734	847874	900836	911421	878993	844467	803100	750038	648281	554415

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 RATE SCHEDULE 85 (RST)
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090187	496076	440240	421639	199932	402015	430677	489119	496098	501999	554205	641529	721918
	774219	807124	845332	874192	918695	921482	901850	868844	847210	780190	687814	609889
090497	544282	500486	461946	416332	429135	466222	526948	518790	495186	511401	601223	660962
	716418	787581	824093	847126	877874	882218	864866	835191	801244	753759	661176	542168
090597	494696	452434	421354	393965	400058	416524	465041	464024	437001	478090	510180	540674
	617703	676886	718948	756075	771248	770372	716262	699801	642284	567814	512111	449919
090697	396394	355131	334422	307234	306941	301819	321195	354173	417286	480419	554819	596461
	668539	709862	741420	763063	792577	782787	737654	667666	616186	557227	508201	431149
090797	372442	327235	305429	291701	285380	278525	297920	348418	421789	489924	550551	618178
	704490	766934	787235	819539	817318	801114	793449	768187	720762	676685	646835	655522
090897	387808	348860	322484	302108	291110	312104	405791	411604	421546	447444	518138	588246
	647871	718434	761755	797170	817554	812790	808241	770711	714584	649519	588884	505942
090997	411654	371870	340719	326428	320141	354418	424899	432263	416490	450192	530772	604712
	657884	690194	708204	687767	671575	663098	646671	648134	618488	584579	500191	435138
091097	387027	352875	319719	326321	329233	368690	452509	432508	409860	452714	511183	583722
	618065	692026	719170	743110	762705	780862	739593	706110	687070	617179	563518	484138
091197	400298	373806	339524	322986	316883	355860	422450	426168	416911	442010	504248	585881
	636483	693090	720125	744195	772116	799571	749276	736631	698687	621422	541209	452287
091297	377859	346427	327457	309447	302392	345512	426474	408258	401949	437957	513135	573620
	646577	712702	760635	789362	804493	813409	780057	726701	668585	618856	555080	476483
091397	422338	383604	363763	316108	326243	325855	343126	380550	404862	528196	611222	702790
	751800	792763	839001	863616	871029	869916	817881	751454	719217	648897	568961	512370
091497	447897	402724	367455	355915	316416	316177	340806	380488	467447	558171	625226	708114
	789576	861828	870088	893159	895630	881175	858111	815987	771985	698165	602207	498110
091597	444600	408508	363231	348916	316689	355020	423842	423899	426619	454175	522756	588929
	687155	738476	779769	779769	845312	853090	827974	785909	751027	683048	584868	501599
091697	412498	398182	376397	347120	338026	386323	439806	436743	447186	470898	549980	639886
	700254	760832	806064	822455	857222	871704	822668	798028	738811	685221	588074	490182
091797	462890	430344	382766	360877	362083	396413	457609	438242	440840	480407	562707	648584
	713940	777236	822757	861518	866550	869818	822375	796316	752158	685527	601618	526484
091897	453134	418968	386257	388134	360987	400288	466882	466882	484770	524073	604101	679271
	756085	813019	812726	852305	891225	844448	855181	802028	757805	695825	607479	513483
091997	479649	429945	398730	376478	369485	400754	473973	476288	483058	519059	601044	687212
	741019	802635	832433	850163	864198	863081	800749	768127	708961	640559	569587	514579
092097	444185	425900	394179	375124	362451	371745	389563	424882	491298	575141	660320	736448
	801217	859122	872978	876450	878613	866423	826869	790542	738173	670674	621374	549109
092197	505985	461155	428751	413842	396762	380803	392549	439825	540163	621402	700447	778685
	867239	903853	926421	947206	952269	950570	899992	878936	812042	760814	657123	575981
092297	516103	472911	441807	423465	419019	453569	524905	512327	498670	527029	591055	673271
	734795	771116	801248	801209	795338	785216	783316	780725	751107	689057	607580	515481
092397	470037	426222	412537	385610	395625	429960	486018	475221	477769	508046	552883	602270
	636528	668965	710167	730514	757942	769887	772607	782969	732966	667814	605591	523480
092497	483833	441155	429325	407310	411573	432848	508191	508265	487892	522510	581194	639572
	693441	732969	760815	783622	793824	804259	772838	740067	724586	689940	621881	533118
092597	500003	470559	447841	439840	446042	484244	568012	564329	538243	520084	534597	564054
	582314	577695	555939	533689	514688	549001	562079	572748	552994	514040	440592	391099
092697	440510	319905	290150	276478	290561	312149	401318	405108	367943	350718	370612	381804
	415211	455388	492540	526532	553503	563321	544816	530115	498989	465739	421794	372427
092797	333584	302784	281058	268708	265734	271588	291829	334948	375733	419899	451347	482115
	515548	549490	568570	583578	600045	608475	567720	562048	530133	490989	431774	372748
092897	343545	298991	282461	268809	260753	264879	284927	328564	392806	473117	480550	527614
	550811	593151	600037	608043	631195	638781	605882	616415	591571	521069	451258	371409
092997	312665	283192	266492	252159	251177	295537	378188	373887	358154	410137	481949	581128
	612140	660101	707136	745290	769282	765725	746176	744189	714267	644097	552685	466809
093097	403952	375452	347011	325088	315952	355401	429998	427818	412498	445587	518748	588022
	643722	702805	724173	767636	791168	777021	745664	732713	688091	636157	588619	472489
100197	459825	419399	384856	375473	374917	417218	489342	474865	474468	512515	581328	621820
	678385	735416	772915	792345	825833	798091	767552	718957	657136	588429	528042	429271
100297	354930	317781	288281	273738	245867	312971	379781	380004	358180	364577	378445	421419
	483314	491617	521815	584828	630202	645241	607517	599101	564791	498652	432998	353139
100397	288168	241733	258897	237650	254200	290202	362172	397808	418188	388885	411845	424199
	475931	522947	566154	608319	642802	656035	613281	603928	564842	523178	474787	421420
100497	380010	352498	318551	302551	292037	301488	325555	371304	428533	447200	500207	549775
	604951	646234	674829	707278	736121	718154	660175	636887	569275	518725	476205	398227
100597	342593	318517	296796	284438	277858	276931	305818	362552	437958	514386	565735	613781
	702155	758563	780546	795871	795063	756507	751307	751025	704608	635182	559758	480096
100697	407546	372782	353112	310608	329969	368102	444054	449261	440818	500847	544449	600651
	639578	686986	715090	747045	771031	774139	756231	731103	681449	607181	541426	438971
100797	374803	343619	320524	308545	302006	336500	421904	420938	404488	442401	508912	557176
	584427	620336	649307	699455	731136	745790	710563	704348	661961	596555	507445	425777

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100897	381107	353441	324830	308816	309451	357201	429130	442448	408561	451644	498438	540312
	614086	661702	687079	721437	753109	783022	744438	730972	697557	651556	603388	494420
100997	438370	395147	372475	346661	345574	380014	440279	488795	454807	504855	558422	608398
	640033	678816	719564	749164	770914	780027	747932	738877	692243	630995	553898	444028
101097	403190	379387	349949	332481	318181	390351	453431	453148	453988	470175	522099	572917
	612399	674247	714159	730673	718321	719325	685461	674400	625549	588737	533955	474914
101197	422859	401643	373668	356596	352231	340354	355323	404338	450460	513058	567149	626408
	659345	703447	734749	752143	756436	742403	687358	665962	610709	568332	493948	423688
101297	394453	358825	343680	333275	329689	333901	354579	404724	480763	539429	595834	625934
	667925	693933	725757	746200	746951	730427	715410	723148	678303	623036	559574	487128
101397	425526	397109	381410	364905	364190	399874	457464	475447	465933	518924	567836	628832
	643471	692296	725921	748835	769037	752661	741482	732541	695683	623854	561043	485937
101497	403963	371762	356517	337066	341333	379730	441844	443451	403209	402832	437009	429481
	429889	437767	427489	432384	454806	474448	490111	490596	484122	428399	369329	324042
101597	271058	247658	238463	231371	241446	298471	381854	378910	351797	327221	339440	357988
	337284	362580	372672	436219	464864	479368	490314	485129	448925	426131	367888	335137
101697	261424	240004	231971	219431	237423	293151	377143	382302	352491	352491	345225	343843
	360828	362137	364929	374127	403238	424814	470534	478550	456494	431777	370552	288858
101797	255806	222352	227572	219291	231035	290650	371179	392760	388422	358556	350704	345224
	337039	345192	356290	363262	380356	402998	422484	412184	388427	353798	342355	289124
101897	264420	252346	240027	222481	223164	259005	283679	329722	367408	398888	397457	336656
	325587	382579	373582	383832	392419	409710	430095	424498	389385	373614	347630	310595
101997	278453	262626	243689	243911	252500	259347	296663	346341	433008	473181	421939	384376
	376729	372100	371264	371963	391980	432722	433683	464488	455288	409299	363516	285488
102097	257149	243411	243342	232193	258293	338930	447738	448389	404652	373556	355289	357224
	337851	326850	327758	369093	408860	432267	472913	484225	456125	435010	353434	284994
102197	249145	232510	231673	244035	251970	336976	427918	435806	389150	333957	335023	339596
	324380	339703	340170	375781	413301	433496	469952	475507	463989	450901	353766	288781
102297	245789	232722	231888	220501	234757	300223	386991	391731	340110	341180	342988	340458
	327807	335103	335031	343102	372267	404203	443178	449362	442397	408518	355941	284519
102397	265545	243518	243506	235173	254411	340929	439033	448421	408518	374051	349927	336418
	312432	320865	332107	347213	364437	409744	457369	467248	442399	408415	370183	305840
102497	265942	246419	234899	236195	243855	304196	396130	408129	392144	367984	342500	312585
	362185	347723	355394	363646	386425	422329	450289	450289	429128	410869	378403	330279
102597	331700	281972	263720	256434	262452	271748	335481	360333	409486	463312	508742	541386
	502771	540795	544440	558810	560831	573580	577161	529289	569574	529709	493325	457820
102697	426140	387723	367120	353082	363376	372900	408338	477129	542317	572350	558991	544460
	512585	515307	507981	521244	537869	577366	578436	540968	507435	450993	400586	324440
102797	271652	244737	235424	236817	252928	326422	422935	429350	401542	384658	363911	335591
	359210	331114	317231	346171	400743	498700	550104	546228	521279	480088	436635	389024
102897	371780	361961	363402	378854	402330	511172	612189	561208	501999	430727	402502	370943
	352245	325165	331942	352560	408840	505015	521273	496137	471931	444310	401909	324879
102997	303270	293655	307727	303113	316574	398444	492484	462663	437385	373623	362314	349951
	336667	335349	328933	342782	383050	467529	493401	484199	478865	429029	394208	339338
103097	296076	297078	291501	299148	317535	407130	494814	476144	407215	338407	351300	331300
	324124	301451	286543	316252	359743	433597	464442	465444	443035	408470	346972	301353
103197	247905	257367	256508	252280	266333	346370	424959	414405	396129	379552	349346	352154
	352707	338249	329886	352305	381394	416237	406183	388978	386778	370897	323559	274291
103297	204532	184551	185366	179988	187914	199333	234218	264541	312299	331317	349921	358705
	368698	374922	380062	384407	394991	439694	437111	393219	346255	319559	288580	241018
103397	209405	185372	175660	173393	177187	174422	219054	271911	323999	332448	338784	339845
	338194	334581	322281	325722	343842	395142	409801	420274	371664	329847	310658	250278
103497	217379	209053	196738	217457	232452	306867	407423	367911	336411	302754	274979	275026
	273719	257660	252454	244575	309481	378890	422462	429773	403408	383965	328938	278448
104097	258088	248888	241376	267778	299799	389018	517326	457715	372401	330091	303448	284740
	240587	251548	242070	248878	311806	397256	435701	417199	407577	388947	349933	292332
104597	267489	259827	258808	249840	287759	374972	478200	432017	363040	320572	290838	279421
	284305	254772	242044	247007	264885	400714	190474	190474	343215	296192	242484	242484
104697	225330	212518	215031	212453	229359	304447	401473	374129	323247	293096	273071	256934
	234452	248654	253017	271368	304012	345609	389962	381773	377158	339579	297815	254375
104797	236512	232990	230868	240025	266150	343455	440040	433571	399926	393674	389678	374443
	361560	354679	355868	373417	417664	465838	473885	451538	424912	412751	385821	353918
104897	335640	324132	323868	334229	347627	389251	446213	478894	495651	459779	430161	370398
	345879	324106	307544	320119	363307	417035	437771	425186	437377	437377	397758	372213
104997	356666	345507	347307	350030	370091	404424	456360	510627	534518	472655	428463	373234
	365036	331738	328631	330405	364491	439461	441344	454665	443581	414934	363737	307474
111097	289446	283930	292396	308660	331345	439062	532938	510091	472345	385737	341278	324808
	317227	294281	288736	301204	344158	423402	484363	440078	439944	395950	357926	331277
111197	285873	277259	273069	285394	295205	348928	431875	441108	443573	423529	374520	327401
	316194	300868	285491	303835	337112	415442	432342	420254	388161	358448	333197	250348

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111287	226409	222991	216317	210689	210741	303607	400530	387315	361868	357015	363584	378419
111387	344301	362501	373371	385540	434498	491014	491818	452017	411244	381312	328708	273368
111487	243973	212276	211195	208567	223540	281908	385487	362541	328474	313578	309047	282884
111587	270736	271994	274880	285429	322582	393025	412553	400714	388814	372575	360941	335542
111687	204762	182602	180441	177492	195725	254444	359790	335879	319305	309488	307314	287714
111787	276170	273354	274954	296427	331817	385091	408170	388814	373311	362768	349454	321377
111887	289921	286903	290926	298957	316500	343438	422284	474493	474905	444819	398400	358545
111987	342852	315871	301014	307420	343813	415400	417440	408031	404942	391224	370400	350040
112087	310517	319375	332593	347842	389579	396054	472166	541555	588175	581422	512808	437548
112187	449351	427577	402964	404772	468800	559042	608989	632874	624851	620181	585699	530141
112287	515920	528567	546428	571001	611085	712418	818295	786687	680900	584704	519032	448009
112387	431143	390087	365479	347915	454441	578574	633881	685542	654894	635522	598929	550184
112487	533329	544240	553542	564860	599515	688689	791462	728367	595202	501804	434745	388414
112587	348725	319015	314368	341799	391441	483700	521124	520194	481322	465526	422815	353543
112687	320456	314209	323228	322999	357828	437510	540196	572055	498285	418658	400581	342811
112787	327759	306182	313127	319480	340153	403314	474721	487879	486248	481540	417724	357817
112887	321823	308523	305013	301408	321027	404702	524188	477773	393822	340244	307080	280954
112987	254301	245474	254710	271473	304463	374714	405812	384252	374450	347541	338769	313164
113087	194013	184404	175078	170614	187265	245810	316478	325885	289187	285514	255312	251241
113187	261808	251813	253595	266401	299827	354571	354973	343944	331049	314433	287408	250279
113287	222043	197717	186073	176592	171333	184799	208579	261293	301351	348007	385731	374549
113387	379580	370940	350843	340065	361790	381301	379404	352140	331688	309514	287218	238705
113487	202703	187411	181884	173369	185561	191831	248774	325371	348429	401100	473980	350509
113587	335781	324974	314579	331120	354160	420540	437514	445930	431293	409054	382812	323914
113687	301181	306594	299118	310410	344754	428786	541549	508708	444104	389749	349000	302222
113787	287140	277401	281144	284373	326132	427774	474689	488132	480141	473711	422139	387914
113887	340816	334888	348781	355437	389544	482565	613151	548187	454491	404472	353443	313800
113987	297859	278494	271053	293041	344213	434320	442139	449519	490460	472204	445174	403444
114087	375144	378248	377124	383259	414598	493028	582840	555774	482358	388625	340244	301411
114187	290508	275955	261449	248152	302138	377912	380475	387938	375849	355008	318774	284514
114287	240213	248800	229193	229506	237444	241412	307818	380041	431352	465431	449932	405117
114387	408035	380711	344432	320506	303887	371235	338281	334192	335440	303551	249948	218247
114487	213998	197211	193777	194614	204967	218226	276317	305910	314029	320180	322431	301291
114587	288212	271458	275489	276547	301023	343480	348574	325070	333877	299139	274925	233241
114687	199841	178420	174608	167396	171965	176235	194698	250422	298178	346119	361115	315888
114787	342447	323503	321425	315122	340940	370289	373093	360312	328792	304874	270609	235884
114887	235280	191982	180108	171268	172885	152514	204644	246114	327908	348443	320945	185400
114987	319245	331672	319153	316320	335113	404657	415815	418930	404770	389471	358144	278009
120187	282954	278886	278757	282943	318934	414732	533095	494898	439529	372955	358941	328341
120287	321081	287200	288542	309936	360053	461070	484238	473438	456487	428181	392435	335437
120387	284440	240959	273759	279450	298360	384620	509427	444905	414187	387092	330134	299434
120487	284276	276104	272601	293705	336860	418011	451282	450104	434412	401817	352403	298811
120587	244532	240089	247235	249187	272230	337435	438111	404178	359885	325405	314204	284129
120687	294711	278934	284471	319721	374777	435974	428881	429802	401994	382445	324958	244904
120787	220944	208819	200941	195846	216319	282402	397472	381403	341367	322574	300398	283169
120887	244284	248129	241433	314413	344877	438813	485189	487234	504040	492214	427540	374847
120987	344445	371963	363850	388807	425863	531130	671998	644873	557757	489455	441498	400712
121087	379345	373343	361881	378910	443588	557076	590436	609507	608145	604548	609449	547751
121187	540644	544810	543663	540114	593745	641341	717474	748520	752207	822122	823130	855910
121287	497130	446533	443417	472406	537860	635211	649524	651030	680884	684189	644659	425548
121387	605485	615314	624496	610948	657644	808740	761195	824979	830904	762745	689807	632131
121487	408559	563805	547993	571943	627057	879573	702423	700491	698922	675717	607774	544934
121587	518353	512452	514943	521487	540311	628388	743032	699514	644091	594462	544402	512309
121687	487558	444574	450806	443891	490758	543129	554054	547119	513884	472614	401730	321411
121787	287802	257799	238204	229257	252193	319432	432488	404478	382024	358424	328992	314977
121887	104040	291018	293460	305937	355313	445944	455905	440031	434880	402034	340189	272354
121987	219951	214347	203335	189700	204712	244468	149645	155354	123598	104643	114248	120189
122087	109518	299134	297418	320528	352884	447174	454053	445454	431723	410188	335010	285583
122187	253088	240790	231898	259055	284894	382884	514467	532713	494818	447899	414471	438407
122287	450283	458828	472948	529873	609714	690934	718795	704998	690941	645249	591744	521904
122387	480679	487620	478885	473747	509625	594767	712725	702304	651483	622810	429745	404754
122487	588444	582372	598821	606981	674221	731654	745019	720137	692883	671188	618744	543883
122587	449558	525427	523864	505558	524096	543298	599706	680274	729545	711988	708499	655345
122687	634418	629377	614404	611445	692011	728992	719594	689438	667428	645440	613452	543851
122787	525574	528474	514477	534620	533544	570327	624442	709904	789449	749772	741911	719854
122887	713387	707578	719124	740444	771112	809487	818151	812449	822400	775014	704444	620449
122987	592015	579149	571445	575444	596007	697235	807214	804890	720474	642498	545511	507510
123087	442388	430781	408790	430344	502784	654403	727974	752724	782114	751521	684704	481487
123187	592934	602494	616247	626843	656517	731216	890074	842395	732244	612164	530500	481487
123287	402571	382414	380828	384272	438054	574716	655020	654440	647407	642425	604932	543408

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1987 Cost of Service
 Load Research Note
 (EXCEPT NO. 820881-82)
 GULF POWER COMPANY
 April 10, 1987
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121787	577068	531182	520503	548140	571070	480238	815033	774128	447047	517035	440192	197231
	378447	340232	325408	336638	408308	525498	549821	561848	568750	542904	489782	430227
121887	198197	371705	371781	382941	411075	507489	425518	408042	527284	450444	411954	558709
	327139	318242	310538	312569	364882	471059	517938	525038	547524	520285	475173	427724
121987	395026	386320	387112	393357	434950	538582	670340	453329	557588	478782	404414	377358
	325765	314869	314197	324442	351783	463988	875828	474774	470218	485374	485588	422141
122087	378445	372257	388754	400542	418928	452719	522364	589013	590317	527971	470082	421189
	381720	353102	348474	358457	397124	459011	473111	459348	452438	428518	398411	358182
122187	322484	291637	288935	277989	281144	315211	353311	428142	458887	488342	420127	374302
	381350	375685	382685	364530	407119	482084	438899	445902	428711	401440	347874	279784
122287	249988	212179	202123	192789	211363	243217	292584	352633	355072	351221	365851	351784
	341229	307812	306018	315154	375335	429373	450105	449599	438937	422801	367684	304488
122387	245042	225027	225057	208186	222850	280132	344474	394108	404714	405841	411978	410729
	407180	401156	399597	405548	441945	497153	507115	490403	475854	482120	411329	388041
122487	285128	282512	241454	217727	219018	239337	295130	338194	371618	388874	402872	407310
	410935	403270	399552	392209	413542	455321	441007	450201	431494	432895	400121	350379
122587	315547	285704	253977	255747	282231	313585	369555	458443	482072	490999	502698	482422
	454070	418118	387340	370454	376584	418424	436172	448742	454451	430737	394744	334885
122687	334327	327377	326718	323953	343778	364814	420099	480285	517245	529204	542004	518315
	491793	483215	452341	451324	444014	533739	544031	524812	518437	498433	442049	409104
122787	375985	364600	355309	365198	364475	381114	424772	490703	587289	418240	444331	420420
	594903	579534	586697	593386	621720	688104	688421	710127	719508	724859	687805	658144
122887	629544	636719	632325	649532	658925	698791	762244	833202	824837	777043	692035	627158
	675895	637254	487832	511934	554231	649782	674475	693302	681144	657242	604498	520802
122987	490547	488718	492144	498501	527422	607084	674023	721474	695079	690321	681752	681459
	665946	652039	637848	637804	673610	751029	785012	794499	784212	720403	74574	611797
123087	557794	514421	529077	505588	558270	621451	699828	748279	704297	653114	594817	545834
	505444	446227	450442	447740	423527	747884	489271	478895	642354	414235	344421	507588
123187	459841	451598	440395	437911	448712	523249	599453	643015	627328	614521	577747	534955
	481830	445839	436934	448086	494924	628182	690162	699325	707171	712081	675988	674047