Gulf Power Company
500 Bayfront Parkway
Post Office Box 1151
Pensacola FL 32520-0770
Telephone: 904 444-6365

ORIGINAL
FILE COPY

Jack L. Haskins
Manager of Rates and Regulatory Matters
and Assistant Secretary

the southern electric system

June 27, 1994

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee, FL 32399-0870

ACK 1
AFA 5
APP
CAF
CMU
CTR
EAG Dudley
LEG Brown
LIN Kristen X 6
OPC
RCH
SEC 1
WAS
OTH

Dear Ms. Bayo:

Enclosed for official filing in Docket No. 940001-EI are an original and fifteen copies of the following:

1. Petition of Gulf Power Company for approval of "Final True-up Amounts" and GPIF Adjustment for October, 199[illegible] through March, 1994; estimated true-up for April, 199[illegible] through September, 1994; projected fuel factor for October, 1994 through March, 1995; and the GPIF targets and ranges for October, 1994 through March, 1995.

2. Prepared direct testimony and exhibit of M. L. Gilchrist.

3. Prepared direct testimony and exhibit of G. D. Fontaine.

4. Prepared direct testimony and exhibit of M. W. Howell.

5. Prepared direct testimony and exhibit of S. D. Cranmer.

Schedule E-1: Fuel and Purchased Power Cost Recovery Clause Calculation
E-1a, E-1b, E-1c, E-1d, E-1e

Schedule E-2: Fuel and Purchased Power Cost Recovery Clause Calculation

Schedule E-3: Generating System Comparative Data by Fuel Type

Schedule E-4: Electric Energy Account

Schedule E-5 System NET GENERATION AND FUEL COST

Cranmer Test. Sch. 1
DOCUMENT NUMBER-DATE
06316 JUN 27 94
FPSC-RECORDS/REPORTING

Test. Gilchrist
DOCUMENT NUMBER-DATE
06315 JUN 27 94
FPSC-RECORDS/REPORTING

Test. M.W. Howell
DOCUMENT NUMBER-DATE
06314 JUN 27 94
FPSC-RECORDS/REPORTING

Test. G.D. Fontaine
DOCUMENT NUMBER-DATE
06313 JUN 27 94
FPSC-RECORDS/REPORTING

Test. Gilchrist
DOCUMENT NUMBER-DATE
06312 JUN 27 94
FPSC-RECORDS/REPORTING

RECEIVED & FILED
FPSC-BUREAU OF RECORDS

Petition
DOCUMENT NUMBER-DATE
06311 JUN 27 94
FPSC-RECORDS/REPORTING

Schedule E-6:	System Generated Fuel Cost Inventory Analysis
Schedule E-7:	Power Sold
Schedule E-7a:	Economy Energy Sales and Profits
Schedule E-8:	Purchased Power (Exclusive of Economy Energy Purchases)
Schedule E-9:	Economy Energy Purchases
Schedule E-10:	Residential Bill Comparison for Monthly Usage of 1000 KWH
Schedule E-11:	KWH Sales and Customer Data
Schedule 12:	As-Available Avoided Energy Cost
Schedule 13:	Contract Recovery Calculations
Schedule H1:	Page 1 Generating System Comparative Data by Fuel Type Page 2 Electric Energy Account Page 3 KWH Sales and Customer Data
Schedule CCE-1:	Purchased Power Capacity Payments/(Receipts)
CCE-1A	
CCE-1B	
Schedule CCE-2:	Calculation of Purchased Power Capacity Cost Recovery Factor

Also enclosed are revised schedules and revised pages for the true-up testimony of S. D. Cranmer previously submitted May 19, 1994. During the course of preparing the estimated true-up for the current period, we discovered an error in the true-up filing which has resulted in these revisions. X-Ref DN 04942-94

Also enclosed is a 3.5 inch double sided, high density diskette containing the Petition in WordPerfect 5.1 format as prepared on a MS-DOS based computer.

Sincerely,

Jack L Haskins

lw

Enclosures

bc: S. D. Cranmer
T. A. Davis
G. D. Fontaine
M. L. Gilchrist
G. E. Holland, Jr.
M. W. Howell
W. B. Mills
J. A. Stone
C. R. Wilson

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	))))	Docket No. 940001-EI

Certificate of Service

I HEREBY CERTIFY that a true copy of the foregoing was furnished by hand delivery or the U. S. Mail the 23rd day of June, 1994 on the following:

Martha Brown, Esq.
Florida Public Service Commission
101 East Gaines Street
Tallahassee, FL 32399-0850

Jack Shreve, Esq.
Office of Public Counsel
111 W. Madison Street
Suite 812
Tallahassee, FL 32399-1300

James McGee, Esq.
Florida Power Corporation
P. O. Box 14042
St. Petersburg, FL 33711

Matthew M. Childs, Esq.
Steel, Hector & Davis
215 South Monroe, Suite 601
Tallahassee, FL 32301-1804

Joseph A. McGlothlin, Esq.
McWhirter, Grandoff & Reeves
315 S. Calhoun St., Suite 716
Tallahassee, FL 32301

Suzanne Brownless, Esq.
2546 Blairstone Pines Drive
Tallahassee FL 32301

Lee L. Willis, Esq.
James D. Beasley, Esq.
Macfarlane Ausley Ferguson
& McMullen
P. O. Box 391
Tallahassee, FL 32302

Floyd R. Self, Esq.
Messer, Vickers, Caparello,
French and Madsen
P. O. Box 1876
Tallahassee, FL 32302-1876

David M. Kleppinger, Esq.
McNees, Wallace & Nurick
100 Pine Street
P. O. Box 1166
Harrisburg PA 17108-1166

Mark K. Logan, Esq.
Bryant, Miller and Olive, P.A.
201 S. Monroe St., Suite 500
Tallahassee FL 32301

G. EDISON HOLLAND, JR.
Florida Bar No. 261599
JEFFREY A. STONE
Florida Bar No. 325953
TERESA E. LILES
Florida Bar No. 510998
Beggs & Lane
P. O. Box 12950
Pensacola, FL 32576
(904) 432-2451
Attorneys for Gulf Power Company

GULF POWER COMPANY
TESTIMONY AND EXHIBITS OF
G. D. FONTAINE

GENERATING PERFORMANCE INCENTIVE FACTOR

TARGETS FOR

OCTOBER 1994 - MARCH 1995

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 940001-EI

GULF POWER COMPANY
Before the Florida Public Service Commission
Direct Testimony of
G. D. Fontaine
Docket No. 940001-EI
Date of Filing June 27, 1994

Q. Please state your name, address and occupation.

A. My name is George D. Fontaine, my business address is Post Office Box 1151, Pensacola, Florida 32520, and my position is Performance Test Specialist for Gulf Power Company.

Q. Please describe your educational and business background.

A. I received my Bachelor of Mechanical Engineering Degree from Auburn University in 1980. Following graduation, I joined Gulf Power Company as an Associate Engineer at the Scholz Electric Generating Plant, and as I previously stated, my current position is Performance Test Specialist. I am also a registered Professional Engineer in the State of Florida.

Q. Mr. Fontaine, have you previously testified in this Docket?

A. Yes, sir.

Q. Mr. Fontaine, what is the purpose of your testimony in this proceeding?

A. The purpose of my testimony today is to present GPIF targets for Gulf Power Company for the period of October 1, 1994 through March 31, 1995.

Q. Mr. Fontaine, have you prepared an exhibit that contains information to which you will refer in your testimony?

A. Yes, Sir, I have prepared an exhibit consisting of three schedules.

Q. Mr. Fontaine, was this exhibit prepared by you or under your direction and supervision?

A. Yes, it was.

Counsel: We ask that Mr. Fontaine's exhibit be marked for identification as exhibit _____(GDF-2).

Q. Mr. Fontaine, which units does Gulf propose to include under the GPIF for the subject period?

A. We propose that Crist Units 6 and 7, Smith Units 1 and 2, and Daniel Units 1 and 2 continue to be the Company's GPIF units.

Q. Mr. Fontaine, what are the target heat rates Gulf proposes to use in the GPIF for these units for the performance period October 1, 1994 through March 31, 1995?

A. I would like to refer you to Page 32 of Schedule 1 of my exhibit where these targets are listed.

Q. How were these proposed target heat rates determined?

A. In every case they were determined according to the GPIF implementation manual procedures for Gulf.

Page 2 of Schedule 1 shows the target average net operating heat rate equations for the proposed GPIF units, and pages 4 through 29 of schedule 1 contain the weekly historical data used for the statistical development of these equations.

Pages 30 and 31 of Schedule 1 present the calculations which provide the unit target heat rates from the target equations.

Q. Were the maximum and minimum attainable heat rates for each proposed GPIF unit, indicated on page 32 of Schedule 1, calculated according to the appropriate GPIF implementation manual procedures?

A. Yes, Sir.

Q. What are the proposed target, maximum and minimum, equivalent availabilities for Gulf's units?

A. The target equivalent availabilities and their ranges are listed on page 4 of Schedule 2.

Q. How are these target equivalent availabilities determined?

A. The target equivalent availabilities were determined according to the standard GPIF implementation manual procedures for Gulf, and are presented on page 2 of Schedule 2.

Q. How were the maximum and minimum attainable equivalent availabilities determined for each unit?

A. The maximum and minimum attainable equivalent availabilities, which are presented along with their respective target availabilities on page 4 of Schedule 2, were determined per GPIF manual procedures for Gulf.

Q. Mr. Fontaine, has Gulf completed the GPIF minimum filing requirements data package?

A. Yes, we have completed the required data. Schedule 3 of my exhibit contains this information.

Q. Mr. Fontaine, would you please summarize your testimony?

A. Yes. Gulf asks that the Commission accept:

1. Crist Units 6 and 7, Smith Units 1 and 2 and Daniel Units 1 and 2, for inclusion under the GPIF for the period of October 1, 1994 through March 31, 1995.

2. The target, maximum attainable, and minimum attainable average net operating heat rates, as proposed by the company and as shown on page 32 of Schedule 1 and also page 5 of Schedule 3 of my exhibit.

3. The target, maximum attainable, and minimum attainable equivalent availabilities, as proposed by the Company and as shown on Page 4 of Schedule 2 and also page 5 of Schedule 3 of my exhibit.

4. The weekly average net operating heat rate least squares regression equations, shown on page 2 of Schedule 1 and also pages 18 through 23 of Schedule 3 of my exhibit, for use in adjusting the six-month actual unit heat rates to target conditions.

Q. Mr. Fontaine, does this conclude your testimony?

A. Yes, Sir.

Florida Public Service Commission
Docket No. 940001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-2)

EXHIBIT TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 940001-EI

I. DETERMINATION OF HEAT RATE TARGETS

Target Heat Rate Equations

Crist 6 ANOHR 10^6 / AKW * [258.07 + 42.81 * JAN + 27.33 * MAY + 39.91 * JUN - 49.15 * OCT]
+ 9,263

Crist 7 ANOHR 10^6 / AKW * [543.16 + 35.93 * JAN - 87.62 * APR + 74.61 * JUL + 74.03 * AUG + 69.45 * NOV]
+ 8,822

Smith 1 ANOHR 10^6 / AKW * [121.85 - 15.34 * OCT]
+ 9,385

Smith 2 ANOHR 10^6 / AKW * [348.89 + 21.31 * MAR - 19.32 * MAY]
+ 5,115 + 0.01742 * LSRF / AKW

Daniel 1 ANOHR 10^6 / AKW * [529.40 + 181.90 * MAR + 57.91 * APR + 124.94 * MAY]
+ 6,970 + 0.00445 * LSRF / AKW

Daniel 2 ANOHR 10^6 / AKW * [268.25 + 43.09 * JUN + 66.60 * SEP]
+ 9,264

Where:

ANOHR = Average Net Operating Heat Rate, BTU/KWH
AKW = Average Kilowatt Load, KW
LSRF = Load Square Range Factor, KW^2
JAN = January, 0 if not January, 1 if January
FEB = February, 0 if not February, 1 if February
MAR = March, 0 if not March, 1 if March
APR = April, 0 if not April, 1 if April
MAY = May, 0 if not May, 1 if May
JUN = June, 0 if not June, 1 if June
JUL = July, 0 if not July, 1 if July
AUG = August, 0 if not August, 1 if August
SEP = September, 0 if not September, 1 if September
OCT = October, 0 if not October, 1 if October
NOV = November, 0 if not November, 1 if November

WEEKLY UNIT OPERATING

DATA USED TO DEVELOP

TARGET HEAT RATE EQUATIONS

Data Base for CRIST 6 Target Heat Rate Equation

NR	HOUR	ANU	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MS	YEAR
10390	165	204.1	46871	0	0	0	1	0	0	0	0	0	0	0	1	1991
10450	168	260.2	74160	0	0	0	1	0	0	0	0	0	0	0	0	1991
10620	117	257.2	72584	0	0	0	1	0	0	0	0	0	0	0	0	1991
11126	151	241.2	63735	0	0	0	1	0	0	0	0	0	0	0	1	1991
10937	168	256.0	72061	0	0	0	0	1	0	0	0	0	0	0	0	1991
11085	16	204.1	47469	0	0	0	0	1	0	0	0	0	0	0	0	1991
10644	71	243.3	63839	0	0	0	0	1	0	0	0	0	0	0	1	1991
10288	153	262.8	74970	0	0	0	0	1	0	0	0	0	0	0	0	1991
11168	109	250.4	68374	0	0	0	0	1	0	0	0	0	0	0	2	1991
10812	152	219.4	53121	0	0	0	0	0	1	0	0	0	0	0	0	1991
10568	168	212.8	48102	0	0	0	0	0	1	0	0	0	0	0	0	1991
11054	168	232.5	60527	0	0	0	0	0	1	0	0	0	0	0	0	1991
10839	168	240.4	64780	0	0	0	0	0	1	0	0	0	0	0	0	1991
10305	135	239.7	64672	0	0	0	0	0	0	1	0	0	0	0	0	1991
10689	164	255.6	71705	0	0	0	0	0	0	1	0	0	0	0	1	1991
10541	164	254.6	72624	0	0	0	0	0	0	1	0	0	0	0	0	1991
10327	168	268.0	76811	0	0	0	0	0	0	1	0	0	0	0	0	1991
10283	106	265.1	75692	0	0	0	0	0	0	0	1	0	0	0	0	1991
10401	117	259.4	72515	0	0	0	0	0	0	0	1	0	0	0	2	1991
10270	167	269.6	77440	0	0	0	0	0	0	0	1	0	0	0	0	1991
10158	168	263.7	73696	0	0	0	0	0	0	0	1	0	0	0	0	1991
10543	96	247.2	66152	0	0	0	0	0	0	0	1	0	0	0	1	1991
10338	140	258.3	70810	0	0	0	0	0	0	0	0	1	0	0	1	1991
10823	168	268.8	75179	0	0	0	0	0	0	0	0	1	0	0	0	1991
10424	168	266.0	74790	0	0	0	0	0	0	0	0	1	0	0	0	1991
10382	168	260.8	71897	0	0	0	0	0	0	0	0	1	0	0	0	1991
10111	24	275.5	78677	0	0	0	0	0	0	0	0	1	0	0	0	1991
10175	168	260.6	71136	0	0	0	0	0	0	0	0	0	1	0	0	1991
10135	109	262.1	72379	0	0	0	0	0	0	0	0	0	1	0	1	1991
10379	56	241.6	64154	0	0	0	0	0	0	0	0	0	1	0	1	1991
10349	168	269.0	74581	0	0	0	0	0	0	0	0	0	1	0	0	1991
10264	91	260.9	72901	0	0	0	0	0	0	0	0	0	0	1	1	1991
10149	168	269.9	76127	0	0	0	0	0	0	0	0	0	0	1	0	1991
10280	168	251.4	67674	0	0	0	0	0	0	0	0	0	0	1	0	1991
10692	168	259.7	71530	0	0	0	0	0	0	0	0	0	0	1	0	1991
10588	168	251.0	67794	0	0	0	0	0	0	0	0	0	0	1	0	1991
10422	168	247.4	65458	0	0	0	0	0	0	0	0	0	0	0	0	1991
10492	34	206.4	47815	0	0	0	0	0	0	0	0	0	0	0	0	1991
10432	163	267.7	65193	0	0	0	0	0	0	0	0	0	0	0	1	1991
10473	127	227.0	57060	0	0	0	0	0	0	0	0	0	0	0	1	1991
10551	168	224.6	54247	1	0	0	0	0	0	0	0	0	0	0	0	1992
10927	168	217.7	51471	1	0	0	0	0	0	0	0	0	0	0	0	1992
11511	168	228.2	55473	1	0	0	0	0	0	0	0	0	0	0	0	1992
10951	168	198.4	43320	1	0	0	0	0	0	0	0	0	0	0	0	1992
11150	137	176.0	34207	1	0	0	0	0	0	0	0	0	0	0	1	1992
10882	168	190.6	40064	0	1	0	0	0	0	0	0	0	0	0	0	1992
10758	168	172.3	33342	0	1	0	0	0	0	0	0	0	0	0	0	1992

Data Base for CRIST 6 Target Heat Rate Equation

NR	HOUR	ANN	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10488	168	194.5	42575	0	1	0	0	0	0	0	0	0	0	0	0	1992
10656	168	204.7	47259	0	1	0	0	0	0	0	0	0	0	0	0	1992
10656	168	207.7	49026	0	0	1	0	0	0	0	0	0	0	0	0	1992
10576	168	237.9	59496	0	0	1	0	0	0	0	0	0	0	0	0	1992
10656	168	209.2	47543	0	0	1	0	0	0	0	0	0	0	0	0	1992
10607	168	229.6	56660	0	0	1	0	0	0	0	0	0	0	0	0	1992
10146	24	263.8	70956	0	0	1	0	0	0	0	0	0	0	0	0	1992
10306	167	226.3	53467	0	0	0	1	0	0	0	0	0	0	0	0	1992
10447	168	213.2	49203	0	0	0	1	0	0	0	0	0	0	0	0	1992
10236	168	266.9	74044	0	0	0	1	0	0	0	0	0	0	0	0	1992
10134	107	275.3	78410	0	0	0	1	0	0	0	0	0	0	0	1	1992
10101	168	292.2	85940	0	0	0	0	1	0	0	0	0	0	0	0	1992
10161	168	272.3	76355	0	0	0	0	1	0	0	0	0	0	0	0	1992
10131	168	275.7	78855	0	0	0	0	1	0	0	0	0	0	0	0	1992
10087	20	275.8	80475	0	0	0	0	1	0	0	0	0	0	0	0	1992
10744	116	229.4	58108	0	0	0	0	0	1	0	0	0	0	0	1	1992
10311	168	259.0	70667	0	0	0	0	0	1	0	0	0	0	0	0	1992
10071	168	275.2	78547	0	0	0	0	0	0	1	0	0	0	0	0	1992
10168	156	264.8	73959	0	0	0	0	0	0	1	0	0	0	0	0	1992
10153	168	271.0	76599	0	0	0	0	0	0	1	0	0	0	0	0	1992
10178	168	267.6	75039	0	0	0	0	0	0	1	0	0	0	0	0	1992
10165	168	271.2	76833	0	0	0	0	0	0	0	1	0	0	0	0	1992
10125	168	282.7	81596	0	0	0	0	0	0	0	1	0	0	0	0	1992
10250	168	274.5	77281	0	0	0	0	0	0	0	1	0	0	0	0	1992
10571	80	252.6	66853	0	0	0	0	0	0	0	1	0	0	0	1	1992
10276	168	270.0	76402	0	0	0	0	0	0	0	1	0	0	0	0	1992
10308	129	268.8	75418	0	0	0	0	0	0	0	0	1	0	0	1	1992
9972	100	260.5	71343	0	0	0	0	0	0	0	0	1	0	0	1	1992
9990	168	275.2	79103	0	0	0	0	0	0	0	0	1	0	0	0	1992
10068	113	236.2	60659	0	0	0	0	0	0	0	0	1	0	0	1	1992
10008	24	269.2	75869	0	0	0	0	0	0	0	0	1	0	0	0	1992
9884	168	274.8	76628	0	0	0	0	0	0	0	0	0	1	0	0	1992
10059	168	277.2	78939	0	0	0	0	0	0	0	0	0	1	0	0	1992
10078	126	265.9	73859	0	0	0	0	0	0	0	0	0	1	0	1	1992
10061	120	276.8	78576	0	0	0	0	0	0	0	0	0	1	0	0	1992
10161	133	271.8	76502	0	0	0	0	0	0	0	0	0	0	1	1	1992
10216	168	258.1	69975	0	0	0	0	0	0	0	0	0	0	1	0	1992
10213	168	237.4	58284	0	0	0	0	0	0	0	0	0	0	1	0	1992
10235	73	263.9	72063	0	0	0	0	0	0	0	0	0	0	1	1	1992
10130	168	266.4	72375	0	0	0	0	0	0	0	0	0	0	1	0	1992
10200	153	262.7	72166	0	0	0	0	0	0	0	0	0	0	0	0	1992
10335	168	264.2	72932	0	0	0	0	0	0	0	0	0	0	0	0	1992
10239	165	234.1	60952	0	0	0	0	0	0	0	0	0	0	0	0	1992
10562	41	244.0	65437	0	0	0	0	0	0	0	0	0	0	0	1	1992
10380	168	223.4	55689	1	0	0	0	0	0	0	0	0	0	0	0	1993
10315	168	235.7	60940	1	0	0	0	0	0	0	0	0	0	0	0	1993
10315	168	251.1	66555	1	0	0	0	0	0	0	0	0	0	0	0	1993

Data Base for CRIST 6 Target Heat Rate Equation

MR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10488	168	223.8	55685	1	0	0	0	0	0	0	0	0	0	0	0	1993
10393	168	196.5	42827	1	0	0	0	0	0	0	0	0	0	0	0	1993
10058	168	233.1	57659	0	1	0	0	0	0	0	0	0	0	0	0	1993
10229	168	228.6	55908	0	1	0	0	0	0	0	0	0	0	0	0	1993
9931	44	259.1	70197	0	1	0	0	0	0	0	0	0	0	0	0	1993
13642	19	110.6	12939	0	0	1	0	0	0	0	0	0	0	0	1	1993
10648	146	193.1	38772	0	0	1	0	0	0	0	0	0	0	0	0	1993
10975	168	170.9	31736	0	0	1	0	0	0	0	0	0	0	0	0	1993
10185	168	268.0	74198	0	0	1	0	0	0	0	0	0	0	0	0	1993
10299	143	267.6	74041	0	0	0	1	0	0	0	0	0	0	0	1	1993
10142	168	258.1	70372	0	0	0	1	0	0	0	0	0	0	0	0	1993
10063	168	272.5	76444	0	0	0	1	0	0	0	0	0	0	0	0	1993
10093	168	267.5	74623	0	0	0	1	0	0	0	0	0	0	0	0	1993
10280	168	250.3	67175	0	0	0	0	1	0	0	0	0	0	0	0	1993
10453	168	249.9	67560	0	0	0	0	1	0	0	0	0	0	0	0	1993
10286	109	250.8	68088	0	0	0	0	1	0	0	0	0	0	0	1	1993
10430	168	237.8	61806	0	0	0	0	1	0	0	0	0	0	0	0	1993
10242	168	244.4	64331	0	0	0	0	1	0	0	0	0	0	0	0	1993
10187	168	266.5	74163	0	0	0	0	0	1	0	0	0	0	0	0	1993
10263	168	259.5	72857	0	0	0	0	0	1	0	0	0	0	0	0	1993
10476	168	249.5	67030	0	0	0	0	0	1	0	0	0	0	0	0	1993
10554	97	173.6	36292	0	0	0	0	0	1	0	0	0	0	0	1	1993
10832	140	186.4	41323	0	0	0	0	0	0	1	0	0	0	0	1	1993
10729	168	229.2	59481	0	0	0	0	0	0	1	0	0	0	0	0	1993
10210	168	266.0	75116	0	0	0	0	0	0	1	0	0	0	0	0	1993
10240	168	273.2	77881	0	0	0	0	0	0	1	0	0	0	0	0	1993
10546	168	244.0	65528	0	0	0	0	0	0	0	1	0	0	0	0	1993
10748	168	224.0	55916	0	0	0	0	0	0	0	1	0	0	0	0	1993
10348	168	250.8	67753	0	0	0	0	0	0	0	1	0	0	0	0	1993
10267	168	266.9	65063	0	0	0	0	0	0	0	1	0	0	0	0	1993
10210	168	260.1	70839	0	0	0	0	0	0	0	1	0	0	0	0	1993
10366	168	238.7	62037	0	0	0	0	0	0	0	0	1	0	0	0	1993
10602	98	188.1	39906	0	0	0	0	0	0	0	0	1	0	0	1	1993
10246	168	216.1	52650	0	0	0	0	0	0	0	0	1	0	0	0	1993
11068	106	194.2	44166	0	0	0	0	0	0	0	0	1	0	0	1	1993
12677	27	88.5	8112	0	0	0	0	0	0	0	0	0	1	0	1	1993
10151	168	224.3	55553	0	0	0	0	0	0	0	0	0	1	0	0	1993
10113	152	240.6	62357	0	0	0	0	0	0	0	0	0	1	0	0	1993
10376	162	216.8	53008	0	0	0	0	0	0	0	0	0	1	0	0	1993
10165	132	242.7	63340	0	0	0	0	0	0	0	0	0	0	1	0	1993
9995	168	237.0	60256	0	0	0	0	0	0	0	0	0	0	1	0	1993
10468	168	253.3	68126	0	0	0	0	0	0	0	0	0	0	1	0	1993
10158	168	224.7	54695	0	0	0	0	0	0	0	0	0	0	1	0	1993
10564	168	207.1	47420	0	0	0	0	0	0	0	0	0	0	1	0	1993
10817	168	152.4	26490	0	0	0	0	0	0	0	0	0	0	0	0	1993
10704	168	154.4	27074	0	0	0	0	0	0	0	0	0	0	0	0	1993
10856	168	153.6	25973	0	0	0	0	0	0	0	0	0	0	0	0	1993

Data Base for CRIST 6 Target Heat Rate Equation

HR	HOUR	AMV	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10958	168	134.9	19733	0	0	0	0	0	0	0	0	0	0	0	0	1993
10425	168	217.4	51898	1	0	0	0	0	0	0	0	0	0	0	0	1994
10808	168	221.2	53016	1	0	0	0	0	0	0	0	0	0	0	0	1994
10474	168	256.5	68482	1	0	0	0	0	0	0	0	0	0	0	0	1994
10754	82	210.3	47431	1	0	0	0	0	0	0	0	0	0	0	0	1994
10408	110	237.4	59828	1	0	0	0	0	0	0	0	0	0	0	1	1994
10528	149	199.6	44018	0	1	0	0	0	0	0	0	0	0	0	0	1994
10313	168	239.4	61692	0	1	0	0	0	0	0	0	0	0	0	0	1994
10516	168	226.6	56000	0	1	0	0	0	0	0	0	0	0	0	0	1994
10504	144	225.4	55333	0	1	0	0	0	0	0	0	0	0	0	0	1994

Data Base for CRIST 6 Target Heat Rate Equation

HR	Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH.
HOUR	Number of hours the unit was synchronized during the week.
AMW	Average load on the unit, in MW.
LSRF	Load square range factor, in MW^2.
JAN to NOV	The number 1 indicates the month of the observation. All 0's indicate December.
NS	Number of unit start ups during the week after being shut down for 24 hours or more.
YEAR	The year of the observation.
*	Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for CRIST 7 Target Heat Rate Equation

HR	HOUR	ARM	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11799	81	265.0	81876	0	0	0	0	0	1	0	0	0	0	0	2	1991
11100	77	326.1	118576	0	0	0	0	0	1	0	0	0	0	0	1	1991
10655	168	373.9	152635	0	0	0	0	0	1	0	0	0	0	0	0	1991
10400	168	387.5	161602	0	0	0	0	0	0	1	0	0	0	0	0	1991
10528	168	389.9	162188	0	0	0	0	0	0	1	0	0	0	0	0	1991
10708	168	357.2	145806	0	0	0	0	0	0	1	0	0	0	0	0	1991
10675	93	413.1	184086	0	0	0	0	0	0	1	0	0	0	0	1	1991
10419	168	420.9	186729	0	0	0	0	0	0	0	1	0	0	0	0	1991
10203	145	420.6	187215	0	0	0	0	0	0	0	1	0	0	0	0	1991
10315	107	377.6	156268	0	0	0	0	0	0	0	1	0	0	0	1	1991
10468	138	396.3	169795	0	0	0	0	0	0	0	1	0	0	0	1	1991
10473	168	387.2	161781	0	0	0	0	0	0	0	1	0	0	0	0	1991
10203	168	430.7	192357	0	0	0	0	0	0	0	0	1	0	0	0	1991
10289	105	433.6	196814	0	0	0	0	0	0	0	0	1	0	0	1	1991
10362	125	382.9	163720	0	0	0	0	0	0	0	0	1	0	0	1	1991
10043	168	431.2	194123	0	0	0	0	0	0	0	0	1	0	0	0	1991
10071	23	440.7	201413	0	0	0	0	0	0	0	0	1	0	0	0	1991
10160	131	424.7	190169	0	0	0	0	0	0	0	0	0	1	0	1	1991
10073	168	426.8	191974	0	0	0	0	0	0	0	0	0	1	0	0	1991
10300	91	373.8	156887	0	0	0	0	0	0	0	0	0	1	0	2	1991
11053	109	245.7	75774	0	0	0	0	0	0	0	0	0	1	0	1	1991
10259	129	426.5	195162	0	0	0	0	0	0	0	0	0	0	1	1	1991
10357	168	473.6	226156	0	0	0	0	0	0	0	0	0	0	1	0	1991
10474	36	392.6	172499	0	0	0	0	0	0	0	0	0	0	1	0	1991
11527	60	216.1	52717	0	0	0	0	0	0	0	0	0	0	0	1	1991
10357	107	343.4	131634	0	0	0	0	0	0	0	0	0	0	0	0	1991
10207	113	377.2	155647	1	0	0	0	0	0	0	0	0	0	0	1	1992
10282	103	341.9	128409	1	0	0	0	0	0	0	0	0	0	0	1	1992
10307	168	407.9	176013	1	0	0	0	0	0	0	0	0	0	0	0	1992
10378	168	342.4	130084	1	0	0	0	0	0	0	0	0	0	0	0	1992
10426	168	340.9	129238	1	0	0	0	0	0	0	0	0	0	0	0	1992
10317	168	378.0	154332	0	1	0	0	0	0	0	0	0	0	0	0	1992
10180	168	374.4	154674	0	1	0	0	0	0	0	0	0	0	0	0	1992
10405	110	356.4	148231	0	1	0	0	0	0	0	0	0	0	0	1	1992
10698	106	286.8	97848	0	1	0	0	0	0	0	0	0	0	0	1	1992
10196	116	357.0	149191	0	0	1	0	0	0	0	0	0	0	0	1	1992
10227	147	411.2	177601	0	0	1	0	0	0	0	0	0	0	0	0	1992
10260	164	367.8	147189	0	0	1	0	0	0	0	0	0	0	0	0	1992
10305	114	347.1	129268	0	0	1	0	0	0	0	0	0	0	0	1	1992
9639	24	426.6	190955	0	0	1	0	0	0	0	0	0	0	0	0	1992
9959	167	406.5	172178	0	0	0	1	0	0	0	0	0	0	0	0	1992
10070	168	379.2	155927	0	0	0	1	0	0	0	0	0	0	0	0	1992
9946	20	383.9	160774	0	0	0	1	0	0	0	0	0	0	0	0	1992
10043	164	370.1	153228	0	0	0	0	1	0	0	0	0	0	0	0	1992
9938	168	406.1	177667	0	0	0	0	1	0	0	0	0	0	0	0	1992
9978	146	431.6	195660	0	0	0	0	0	1	0	0	0	0	0	0	1992
10349	67	304.3	112897	0	0	0	0	0	1	0	0	0	0	0	3	1992

Data Base for CRIST 7 Target Heat Rate Equation

HR	MOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MS	YEAR
9949	168	442.7	202814	0	0	0	0	0	1	0	0	0	0	0	0	1992
9876	168	451.7	210433	0	0	0	0	0	1	0	0	0	0	0	0	1992
9997	109	433.9	195646	0	0	0	0	0	0	1	0	0	0	0	0	1992
10004	156	431.6	196177	0	0	0	0	0	0	1	0	0	0	0	1	1992
10127	136	425.0	191364	0	0	0	0	0	0	1	0	0	0	0	1	1992
10222	168	431.1	194972	0	0	0	0	0	0	1	0	0	0	0	0	1992
10211	168	451.6	209349	0	0	0	0	0	0	0	1	0	0	0	0	1992
9946	58	445.3	205246	0	0	0	0	0	0	0	1	0	0	0	0	1992
10280	158	452.0	209652	0	0	0	0	0	0	0	1	0	0	0	1	1992
10350	108	408.6	176900	0	0	0	0	0	0	0	1	0	0	0	1	1992
10458	66	378.1	154299	0	0	0	0	0	0	0	1	0	0	0	1	1992
10152	118	447.6	208968	0	0	0	0	0	0	0	0	1	0	0	3	1992
9989	168	403.4	177784	0	0	0	0	0	0	0	0	1	0	0	0	1992
10121	122	439.6	203594	0	0	0	0	0	0	0	0	1	0	0	1	1992
10061	168	457.6	212546	0	0	0	0	0	0	0	0	1	0	0	0	1992
9956	24	471.5	223620	0	0	0	0	0	0	0	0	1	0	0	0	1992
10052	168	448.7	204074	0	0	0	0	0	0	0	0	0	1	0	0	1992
10130	168	417.5	190100	0	0	0	0	0	0	0	0	0	1	0	0	1992
9907	154	457.6	215447	0	0	0	0	0	0	0	0	0	1	0	0	1992
10174	168	401.8	176941	0	0	0	0	0	0	0	0	0	1	0	0	1992
10213	168	475.1	227655	0	0	0	0	0	0	0	0	0	0	1	0	1992
10295	141	452.0	207902	0	0	0	0	0	0	0	0	0	0	1	0	1992
10255	166	426.6	187530	0	0	0	0	0	0	0	0	0	0	1	1	1992
10259	168	445.1	200366	0	0	0	0	0	0	0	0	0	0	1	0	1992
10119	168	430.9	196930	0	0	0	0	0	0	0	0	0	0	0	0	1992
10134	168	456.2	212471	0	0	0	0	0	0	0	0	0	0	0	0	1992
10198	124	379.8	160198	0	0	0	0	0	0	0	0	0	0	0	0	1992
10081	134	362.4	147506	0	0	0	0	0	0	0	0	0	0	0	1	1992
10093	168	385.7	164639	1	0	0	0	0	0	0	0	0	0	3	0	1993
10178	168	406.0	178616	1	0	0	0	0	0	0	0	0	0	0	0	1993
10230	168	423.7	187429	1	0	0	0	0	0	0	0	0	0	0	0	1993
10197	168	439.9	202936	1	0	0	0	0	0	0	0	0	0	0	0	1993
10062	168	449.0	210879	1	0	0	0	0	0	0	0	0	0	0	0	1993
10151	168	434.1	195273	0	1	0	0	0	0	0	0	0	0	0	0	1993
10021	168	406.2	175088	0	1	0	0	0	0	0	0	0	0	0	0	1993
10082	168	429.3	193698	0	1	0	0	0	0	0	0	0	0	0	0	1993
9951	105	417.6	184000	0	1	0	0	0	0	0	0	0	0	0	1	1993
10037	168	441.7	201464	0	0	1	0	0	0	0	0	0	0	0	0	1993
10091	168	456.1	213530	0	0	1	0	0	0	0	0	0	0	0	0	1993
9954	37	448.2	208346	0	0	1	0	0	0	0	0	0	0	0	0	1993
13941	23	159.2	26204	0	0	0	0	1	0	0	0	0	0	0	1	1993
11725	38	202.9	46155	0	0	0	0	1	0	0	0	0	0	0	1	1993
10902	49	240.6	62949	0	0	0	0	0	1	0	0	0	0	0	1	1993
10179	153	394.1	167217	0	0	0	0	0	1	0	0	0	0	0	1	1993
10078	168	411.8	182239	0	0	0	0	0	1	0	0	0	0	0	0	1993
10385	168	412.5	184478	0	0	0	0	0	1	0	0	0	0	0	0	1993
10260	168	419.3	187347	0	0	0	0	0	0	1	0	0	0	0	0	1993

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Exhibit No. ___ ((DF-2)
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Data Base for CRIST 7 Target Heat Rate Equation

HR	HOUR	AMU	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10341	168	411.0	183457	0	0	0	0	0	0	1	0	0	0	0	0	1993
10300	168	432.0	195415	0	0	0	0	0	0	1	0	0	0	0	0	1993
10421	168	444.3	203094	0	0	0	0	0	0	1	0	0	0	0	0	1993
10503	168	400.8	174476	0	0	0	0	0	0	0	1	0	0	0	0	1993
10452	168	424.9	192743	0	0	0	0	0	0	0	1	0	0	0	0	1993
10424	168	424.8	192017	0	0	0	0	0	0	0	1	0	0	0	0	1993
10240	168	430.1	195149	0	0	0	0	0	0	0	1	0	0	0	0	1993
10213	136	423.3	189708	0	0	0	0	0	0	0	1	0	0	0	1	1993
10354	168	403.5	176250	0	0	0	0	0	0	0	0	1	0	0	0	1993
10303	168	424.7	190679	0	0	0	0	0	0	0	0	1	0	0	0	1993
10108	168	417.5	185641	0	0	0	0	0	0	0	0	1	0	0	0	1993
10264	69	372.6	153638	0	0	0	0	0	0	0	0	1	0	0	0	1993
10751	22	292.7	99252	0	0	0	0	0	0	0	0	1	0	0	1	1993
10306	168	401.2	176698	0	0	0	0	0	0	0	0	0	1	0	0	1993
10368	153	379.2	157635	0	0	0	0	0	0	0	0	0	1	0	0	1993
10165	168	417.4	183508	0	0	0	0	0	0	0	0	0	1	0	0	1993
10074	75	382.5	163620	0	0	0	0	0	0	0	0	0	1	0	1	1993
10212	169	428.8	190111	0	0	0	0	0	0	0	0	0	0	1	0	1993
10216	168	402.4	174229	0	0	0	0	0	0	0	0	0	0	1	0	1993
10489	168	306.2	114117	0	0	0	0	0	0	0	0	0	0	1	0	1993
10482	125	341.3	135571	0	0	0	0	0	0	0	0	0	0	1	1	1993
10309	168	404.7	177745	0	0	0	0	0	0	0	0	0	0	1	0	1993
10669	17	373.5	159055	0	0	0	0	0	0	0	0	0	0	0	0	1993
* 31418	11	106.4	15525	0	0	0	0	0	0	0	0	0	0	0	4	1993
* 12823	8	140.9	22529	0	0	0	0	0	0	0	0	0	0	0	1	1993
12136	56	271.9	97925	1	0	0	0	0	0	0	0	0	0	0	4	1994
10505	136	384.2	165997	1	0	0	0	0	0	0	0	0	0	0	2	1994
10355	166	450.5	210371	1	0	0	0	0	0	0	0	0	0	0	0	1994
10466	157	347.0	132003	1	0	0	0	0	0	0	0	0	0	0	0	1994
10373	168	392.6	163074	1	0	0	0	0	0	0	0	0	0	0	0	1994
10665	21	399.5	169986	0	1	0	0	0	0	0	0	0	0	0	0	1994
10839	68	275.6	90231	0	1	0	0	0	0	0	0	0	0	0	2	1994
10366	168	359.9	139946	0	1	0	0	0	0	0	0	0	0	0	0	1994
10342	168	388.0	162970	0	0	1	0	0	0	0	0	0	0	0	0	1994
10450	146	361.3	145378	0	0	1	0	0	0	0	0	0	0	0	0	1994
10351	168	358.5	147439	0	0	1	0	0	0	0	0	0	0	0	0	1994
10280	168	341.4	123881	0	0	1	0	0	0	0	0	0	0	0	0	1994

Data Base for CRIST 7 Target Heat Rate Equation

HR	Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH.
HOUR	Number of hours the unit was synchronized during the week.
ANW	Average load on the unit, in MW.
LSRF	Load square range factor, in MW^2.
JAN to NOV	The number 1 indicates the month of the observation. All 0's indicate December.
NS	Number of unit start ups during the week after being shut down for 24 hours or more.
YEAR	The year of the observation.
*	Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for SMITH 1 Target Heat Rate Equation

NR	HOUR	ANN	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10311	167	150.3	23095	0	0	0	1	0	0	0	0	0	0	0	0	1991
10380	168	152.8	23719	0	0	0	1	0	0	0	0	0	0	0	0	1991
10331	168	154.8	24132	0	0	0	1	0	0	0	0	0	0	0	0	1991
10418	121	140.1	20801	0	0	0	1	0	0	0	0	0	0	0	0	1991
10379	64	138.3	20404	0	0	0	0	1	0	0	0	0	0	0	1	1991
10266	168	149.6	22997	0	0	0	0	1	0	0	0	0	0	0	0	1991
10247	168	151.2	23452	0	0	0	0	1	0	0	0	0	0	0	0	1991
10303	168	148.8	22671	0	0	0	0	1	0	0	0	0	0	0	0	1991
10277	168	141.0	20934	0	0	0	0	0	1	0	0	0	0	0	0	1991
10361	168	141.5	21044	0	0	0	0	0	1	0	0	0	0	0	0	1991
10457	168	138.1	20229	0	0	0	0	0	1	0	0	0	0	0	0	1991
10407	168	139.2	20612	0	0	0	0	0	1	0	0	0	0	0	0	1991
10546	124	143.7	21558	0	0	0	0	0	0	1	0	0	0	0	1	1991
10396	168	147.7	22386	0	0	0	0	0	0	1	0	0	0	0	0	1991
10381	168	149.6	22791	0	0	0	0	0	0	1	0	0	0	0	0	1991
10496	165	147.5	22352	0	0	0	0	0	0	1	0	0	0	0	0	1991
10249	168	153.3	23721	0	0	0	0	0	0	0	1	0	0	0	0	1991
10298	124	153.0	23854	0	0	0	0	0	0	0	1	0	0	0	1	1991
10297	168	154.3	23989	0	0	0	0	0	0	0	1	0	0	0	0	1991
10360	168	153.9	23931	0	0	0	0	0	0	0	1	0	0	0	0	1991
10290	168	149.9	22986	0	0	0	0	0	0	0	1	0	0	0	0	1991
10487	168	150.6	23073	0	0	0	0	0	0	0	0	1	0	0	0	1991
10393	168	155.7	24378	0	0	0	0	0	0	0	0	1	0	0	0	1991
10371	91	151.6	23603	0	0	0	0	0	0	0	0	1	0	0	0	1991
10169	162	147.6	22455	0	0	0	0	0	0	0	0	1	0	0	1	1991
9951	24	150.9	23261	0	0	0	0	0	0	0	0	1	0	0	0	1991
10125	168	147.0	22398	0	0	0	0	0	0	0	0	0	1	0	0	1991
10240	168	144.6	21692	0	0	0	0	0	0	0	0	0	1	0	0	1991
10126	168	137.4	20018	0	0	0	0	0	0	0	0	0	1	0	0	1991
10086	168	142.3	21181	0	0	0	0	0	0	0	0	0	1	0	0	1991
10103	168	140.5	20767	0	0	0	0	0	0	0	0	0	0	1	0	1991
10188	168	150.0	23007	0	0	0	0	0	0	0	0	0	0	1	0	1991
10205	168	148.5	22665	0	0	0	0	0	0	0	0	0	0	1	0	1991
10161	168	149.5	22900	0	0	0	0	0	0	0	0	0	0	1	0	1991
10158	168	141.7	21073	0	0	0	0	0	0	0	0	0	0	1	0	1991
10227	168	143.4	21515	0	0	0	0	0	0	0	0	0	0	0	0	1991
10301	36	115.2	15277	0	0	0	0	0	0	0	0	0	0	0	0	1991
10351	95	134.7	19542	0	0	0	0	0	0	0	0	0	0	0	1	1991
10326	168	123.2	16712	0	0	0	0	0	0	0	0	0	0	0	0	1991
10353	168	128.4	17684	1	0	0	0	0	0	0	0	0	0	0	0	1992
10221	168	128.5	17725	1	0	0	0	0	0	0	0	0	0	0	0	1992
10251	168	134.8	19018	1	0	0	0	0	0	0	0	0	0	0	0	1992
10507	168	117.9	15169	1	0	0	0	0	0	0	0	0	0	0	0	1992
10616	168	115.5	14776	1	0	0	0	0	0	0	0	0	0	0	0	1992
10381	168	128.9	17703	0	1	0	0	0	0	0	0	0	0	0	0	1992
10502	168	128.0	17908	0	1	0	0	0	0	0	0	0	0	0	0	1992
10549	168	121.2	16423	0	1	0	0	0	0	0	0	0	0	0	0	1992

Data Base for SMITH 1 Target Heat Rate Equation

HR	HOUR	ANU	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	HS	YEAR
10710	103	129.8	18619	0	1	0	0	0	0	0	0	0	0	0	1	1992
10757	168	126.3	17662	0	0	1	0	0	0	0	0	0	0	0	0	1992
10824	141	140.8	20450	0	0	1	0	0	0	0	0	0	0	0	1	1992
10379	168	136.2	19546	0	0	1	0	0	0	0	0	0	0	0	0	1992
10410	168	118.0	14122	0	0	1	0	0	0	0	0	0	0	0	0	1992
10222	24	118.3	13995	0	0	1	0	0	0	0	0	0	0	0	0	1992
10211	167	127.7	16630	0	0	0	1	0	0	0	0	0	0	0	0	1992
10168	168	125.8	16477	0	0	0	1	0	0	0	0	0	0	0	0	1992
10157	168	153.2	23815	0	0	0	1	0	0	0	0	0	0	0	0	1992
9988	168	161.2	25985	0	0	0	1	0	0	0	0	0	0	0	0	1992
9974	168	159.3	25430	0	0	0	0	1	0	0	0	0	0	0	0	1992
9859	168	152.9	23691	0	0	0	0	1	0	0	0	0	0	0	0	1992
9932	71	149.3	22799	0	0	0	0	1	0	0	0	0	0	0	0	1992
10673	131	87.8	9018	0	0	0	0	1	0	0	0	0	0	0	1	1992
10212	168	120.8	16414	0	0	0	0	0	1	0	0	0	0	0	0	1992
10091	168	154.0	23981	0	0	0	0	0	1	0	0	0	0	0	0	1992
10149	137	154.0	24228	0	0	0	0	0	1	0	0	0	0	0	1	1992
10039	168	156.0	24551	0	0	0	0	0	1	0	0	0	0	0	0	1992
9953	168	155.6	24395	0	0	0	0	0	0	1	0	0	0	0	0	1992
10066	114	153.9	24133	0	0	0	0	0	0	1	0	0	0	0	1	1992
9962	168	154.7	24054	0	0	0	0	0	0	1	0	0	0	0	0	1992
10117	168	157.8	24967	0	0	0	0	0	0	1	0	0	0	0	0	1992
10032	168	154.1	23950	0	0	0	0	0	0	0	1	0	0	0	0	1992
10027	168	158.8	25246	0	0	0	0	0	0	0	1	0	0	0	0	1992
10097	132	152.8	23968	0	0	0	0	0	0	0	1	0	0	0	1	1992
10111	168	159.0	25318	0	0	0	0	0	0	0	1	0	0	0	0	1992
10137	168	150.9	23125	0	0	0	0	0	0	0	1	0	0	0	0	1992
10125	152	158.3	25171	0	0	0	0	0	0	0	0	1	0	0	0	1992
10342	135	156.7	24824	0	0	0	0	0	0	0	0	1	0	0	1	1992
10036	168	160.4	25742	0	0	0	0	0	0	0	0	1	0	0	0	1992
10083	168	160.0	25592	0	0	0	0	0	0	0	0	1	0	0	0	1992
10191	24	161.0	25922	0	0	0	0	0	0	0	0	1	0	0	0	1992
9974	168	161.1	25962	0	0	0	0	0	0	0	0	0	1	0	0	1992
9881	168	161.0	25964	0	0	0	0	0	0	0	0	0	1	0	0	1992
10002	168	159.6	25570	0	0	0	0	0	0	0	0	0	1	0	0	1992
10057	168	160.5	25780	0	0	0	0	0	0	0	0	0	1	0	0	1992
9999	168	161.0	25967	0	0	0	0	0	0	0	0	0	0	1	0	1992
9987	168	160.9	25880	0	0	0	0	0	0	0	0	0	0	1	0	1992
10039	168	159.2	25416	0	0	0	0	0	0	0	0	0	0	1	0	1992
9923	168	159.6	25488	0	0	0	0	0	0	0	0	0	0	1	0	1992
9913	168	158.6	25182	0	0	0	0	0	0	0	0	0	0	1	0	1992
9876	168	157.5	24885	0	0	0	0	0	0	0	0	0	0	0	0	1992
10065	38	148.3	22778	0	0	0	0	0	0	0	0	0	0	0	0	1992
10436	41	111.8	14668	0	0	0	0	0	0	0	0	0	0	0	1	1992
10115	168	128.0	18251	0	0	0	0	0	0	0	0	0	0	0	0	1992
9971	168	114.8	13597	1	0	0	0	0	0	0	0	0	0	0	0	1993
9992	168	119.3	14458	1	0	0	0	0	0	0	0	0	0	0	0	1993

Data Base for SMITH 1 Target Heat Rate Equation

MR	HOUR	AMU	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10105	168	153.6	23860	1	0	0	0	0	0	0	0	0	0	0	0	1993
10165	112	133.4	19297	1	0	0	0	0	0	0	0	0	0	0	0	1993
10190	153	141.6	20827	1	0	0	0	0	0	0	0	0	0	0	1	1993
10059	139	154.2	24108	0	1	0	0	0	0	0	0	0	0	0	0	1993
10075	150	148.4	22540	0	1	0	0	0	0	0	0	0	0	0	1	1993
10124	168	149.2	22886	0	1	0	0	0	0	0	0	0	0	0	0	1993
10075	168	155.4	24364	0	1	0	0	0	0	0	0	0	0	0	0	1993
9953	155	154.2	24181	0	0	1	0	0	0	0	0	0	0	0	0	1993
10180	112	156.7	25061	0	0	1	0	0	0	0	0	0	0	0	1	1993
10132	168	159.8	25574	0	0	1	0	0	0	0	0	0	0	0	0	1993
10432	65	146.9	22293	0	0	1	0	0	0	0	0	0	0	0	0	1993
10104	166	156.2	24868	0	0	0	1	0	0	0	0	0	0	0	1	1993
10073	168	155.5	24296	0	0	0	1	0	0	0	0	0	0	0	0	1993
10129	168	157.9	24989	0	0	0	1	0	0	0	0	0	0	0	0	1993
10090	168	153.2	23689	0	0	0	1	0	0	0	0	0	0	0	0	1993
10105	168	138.0	19422	0	0	0	0	1	0	0	0	0	0	0	0	1993
10365	168	131.6	17924	0	0	0	0	1	0	0	0	0	0	0	0	1993
10561	124	142.5	21203	0	0	0	0	1	0	0	0	0	0	0	1	1993
10195	168	124.9	16136	0	0	0	0	1	0	0	0	0	0	0	0	1993
10225	168	146.7	22070	0	0	0	0	1	0	0	0	0	0	0	0	1993
10191	168	153.3	23761	0	0	0	0	0	1	0	0	0	0	0	0	1993
10512	168	138.3	20375	0	0	0	0	0	1	0	0	0	0	0	0	1993
10162	168	152.5	23503	0	0	0	0	0	1	0	0	0	0	0	0	1993
10101	120	149.9	22883	0	0	0	0	0	1	0	0	0	0	0	0	1993
10154	165	151.3	23327	0	0	0	0	0	0	1	0	0	0	0	1	1993
10207	116	145.3	21851	0	0	0	0	0	0	1	0	0	0	0	1	1993
10169	168	158.7	25196	0	0	0	0	0	0	1	0	0	0	0	0	1993
10207	168	159.3	25386	0	0	0	0	0	0	1	0	0	0	0	0	1993
10223	168	152.3	23527	0	0	0	0	0	0	0	1	0	0	0	0	1993
10188	168	149.5	22654	0	0	0	0	0	0	0	1	0	0	0	0	1993
10150	168	154.7	24069	0	0	0	0	0	0	0	1	0	0	0	0	1993
10301	118	152.4	23751	0	0	0	0	0	0	0	1	0	0	0	1	1993
10162	168	157.6	24852	0	0	0	0	0	0	0	1	0	0	0	0	1993
10209	168	145.6	21909	0	0	0	0	0	0	0	0	1	0	0	0	1993
10286	168	153.7	23827	0	0	0	0	0	0	0	0	1	0	0	0	1993
10187	168	152.1	23390	0	0	0	0	0	0	0	0	1	0	0	0	1993
10076	137	150.3	23093	0	0	0	0	0	0	0	0	1	0	0	1	1993
10101	24	153.1	23538	0	0	0	0	0	0	0	0	1	0	0	0	1993
10047	168	151.8	23218	0	0	0	0	0	0	0	0	0	1	0	0	1993
10092	168	152.9	23548	0	0	0	0	0	0	0	0	0	1	0	0	1993
10208	168	156.7	24632	0	0	0	0	0	0	0	0	0	1	0	0	1993
10227	168	149.1	22517	0	0	0	0	0	0	0	0	0	1	0	0	1993
10295	161	152.6	23569	0	0	0	0	0	0	0	0	0	0	1	0	1993
10523	168	152.6	23591	0	0	0	0	0	0	0	0	0	0	1	0	1993
10912	13	142.0	21706	0	0	0	0	0	0	0	0	0	0	1	0	1993
10349	138	141.4	21169	0	0	0	0	0	0	0	0	0	0	1	1	1993
10179	168	137.6	19908	0	0	0	0	0	0	0	0	0	0	1	0	1993

Data Base for SMITH 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10124	168	106.3	12922	0	0	0	0	0	0	0	0	0	0	0	0	1993
10716	72	104.1	12056	0	0	0	0	0	0	0	0	0	0	0	0	1993
10662	73	141.8	20985	1	0	0	0	0	0	0	0	0	0	0	1	1994
10428	168	150.6	22913	1	0	0	0	0	0	0	0	0	0	0	0	1994
10331	168	157.3	24757	1	0	0	0	0	0	0	0	0	0	0	0	1994
10439	168	149.6	22667	1	0	0	0	0	0	0	0	0	0	0	0	1994
10382	168	151.9	23232	1	0	0	0	0	0	0	0	0	0	0	0	1994
10507	168	143.4	20965	0	1	0	0	0	0	0	0	0	0	0	0	1994
10475	19	130.8	18192	0	1	0	0	0	0	0	0	0	0	0	0	1994

Data Base for SMITH 1 Target Heat Rate Equation

HR	Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH.
HOUR	Number of hours the unit was synchronized during the week.
AMW	Average load on the unit, in MW.
LSRF	Load square range factor, in MW^2.
JAN to NOV	The number 1 indicates the month of the observation. All 0's indicate December.
NS	Number of unit start ups during the week after being shutdown for 24 hours or more.
YEAR	The year of the observation.
*	Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for SMITH 2 Target Heat Rate Equation

HR	HOUR	ABW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	HS	YEAR
10416	164	158.4	26880	0	0	0	1	0	0	0	0	0	0	0	1	1991
10283	135	161.2	28103	0	0	0	0	1	0	0	0	0	0	0	0	1991
10077	168	165.5	28622	0	0	0	0	1	0	0	0	0	0	0	0	1991
10181	168	161.7	27764	0	0	0	0	1	0	0	0	0	0	0	0	1991
10114	168	169.5	29859	0	0	0	0	1	0	0	0	0	0	0	0	1991
10247	168	158.1	26335	0	0	0	0	1	0	0	0	0	0	0	0	1991
9989	168	156.4	26059	0	0	0	0	0	1	0	0	0	0	0	0	1991
10299	123	154.5	26255	0	0	0	0	0	1	0	0	0	0	0	1	1991
10415	168	151.9	25396	0	0	0	0	0	1	0	0	0	0	0	0	1991
10316	168	152.6	25631	0	0	0	0	0	1	0	0	0	0	0	0	1991
10396	168	160.3	27257	0	0	0	0	0	0	1	0	0	0	0	0	1991
10292	168	162.9	28091	0	0	0	0	0	0	1	0	0	0	0	0	1991
10375	168	164.5	28454	0	0	0	0	0	0	1	0	0	0	0	0	1991
10373	168	167.3	29052	0	0	0	0	0	0	1	0	0	0	0	0	1991
10223	168	171.7	30221	0	0	0	0	0	0	0	1	0	0	0	0	1991
10490	154	172.2	30526	0	0	0	0	0	0	0	1	0	0	0	0	1991
10776	168	173.6	30798	0	0	0	0	0	0	0	1	0	0	0	0	1991
10741	113	158.3	26996	0	0	0	0	0	0	0	1	0	0	0	1	1991
10622	122	155.7	26336	0	0	0	0	0	0	0	1	0	0	0	1	1991
10408	168	168.8	29536	0	0	0	0	0	0	0	0	1	0	0	0	1991
10486	133	164.2	28157	0	0	0	0	0	0	0	0	1	0	0	1	1991
10555	168	181.4	33160	0	0	0	0	0	0	0	0	1	0	0	0	1991
10648	86	176.4	32182	0	0	0	0	0	0	0	0	1	0	0	0	1991
11091	18	159.1	28012	0	0	0	0	0	0	0	0	1	0	0	1	1991
10368	168	157.9	26182	0	0	0	0	0	0	0	0	0	1	0	0	1991
10312	168	160.6	27679	0	0	0	0	0	0	0	0	0	1	0	0	1991
10235	168	146.2	23406	0	0	0	0	0	0	0	0	0	1	0	0	1991
10364	93	152.1	25121	0	0	0	0	0	0	0	0	0	1	0	0	1991
10842	153	154.9	26078	0	0	0	0	0	0	0	0	0	0	1	1	1991
10609	136	151.1	24955	0	0	0	0	0	0	0	0	0	0	1	1	1991
10572	168	149.9	24757	0	0	0	0	0	0	0	0	0	0	1	0	1991
10428	168	146.4	23080	0	0	0	0	0	0	0	0	0	0	0	0	1991
10161	168	141.4	21736	0	0	0	0	0	0	0	0	0	0	0	0	1991
10193	168	152.3	24671	0	0	0	0	0	0	0	0	0	0	0	0	1991
10258	168	128.3	19002	0	0	0	0	0	0	0	0	0	0	0	0	1991
10250	168	131.6	19520	1	0	0	0	0	0	0	0	0	0	0	0	1992
10183	168	129.4	18714	1	0	0	0	0	0	0	0	0	0	0	0	1992
10206	168	148.4	23994	1	0	0	0	0	0	0	0	0	0	0	0	1992
10235	168	121.0	16825	1	0	0	0	0	0	0	0	0	0	0	0	1992
10377	168	116.8	15678	1	0	0	0	0	0	0	0	0	0	0	0	1992
10312	168	130.5	18658	0	1	0	0	0	0	0	0	0	0	0	0	1992
10498	105	135.7	21202	0	1	0	0	0	0	0	0	0	0	0	1	1992
10282	168	128.1	18876	0	1	0	0	0	0	0	0	0	0	0	0	1992
10370	168	137.2	21370	0	1	0	0	0	0	0	0	0	0	0	0	1992
10491	168	139.0	21938	0	0	1	0	0	0	0	0	0	0	0	0	1992
10383	168	165.3	28197	0	0	1	0	0	0	0	0	0	0	0	0	1992
10308	168	149.5	24011	0	0	1	0	0	0	0	0	0	0	0	0	1992

Data Base for SMITH 2 Target Heat Rate Equation

	HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MS	YEAR
	10385	168	144.5	23116	0	0	1	0	0	0	0	0	0	0	0	0	1992
	10337	24	165.7	28062	0	0	1	0	0	0	0	0	0	0	0	0	1992
	10251	167	158.2	26109	0	0	0	1	0	0	0	0	0	0	0	0	1992
	10303	168	143.8	23124	0	0	0	1	0	0	0	0	0	0	0	0	1992
	10361	44	142.3	22931	0	0	0	1	0	0	0	0	0	0	0	0	1992
	10107	141	173.4	31075	0	0	0	0	1	0	0	0	0	0	0	1	1992
	10133	139	155.1	25400	0	0	0	0	1	0	0	0	0	0	0	1	1992
	10052	168	156.5	25704	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10004	168	170.2	29985	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10115	168	157.3	26202	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10025	168	168.1	29307	0	0	0	0	0	1	0	0	0	0	0	0	1992
	10100	156	155.2	25383	0	0	0	0	0	1	0	0	0	0	0	0	1992
	10055	143	172.7	30587	0	0	0	0	0	1	0	0	0	0	0	1	1992
	10093	168	169.5	29668	0	0	0	0	0	1	0	0	0	0	0	0	1992
	10034	168	174.3	30988	0	0	0	0	0	0	1	0	0	0	0	0	1992
	10163	135	175.9	31753	0	0	0	0	0	0	1	0	0	0	0	1	1992
	10015	168	174.6	30995	0	0	0	0	0	0	1	0	0	0	0	0	1992
	10043	168	179.0	32306	0	0	0	0	0	0	1	0	0	0	0	0	1992
	10088	168	173.5	30682	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10060	168	180.0	32610	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10051	168	179.1	32338	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10061	168	180.0	32641	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10111	157	175.5	31464	0	0	0	0	0	0	0	1	0	0	0	0	1992
	11054	43	126.1	20317	0	0	0	0	0	0	0	0	1	0	0	3	1992
	9967	168	179.6	32491	0	0	0	0	0	0	0	0	1	0	0	0	1992
	9974	168	182.1	33441	0	0	0	0	0	0	0	0	1	0	0	0	1992
	10266	53	170.3	30900	0	0	0	0	0	0	0	0	1	0	0	1	1992
	10006	24	185.8	34540	0	0	0	0	0	0	0	0	1	0	0	0	1992
*	9176	134	172.2	30525	0	0	0	0	0	0	0	0	0	1	0	1	1992
	9937	168	182.5	33433	0	0	0	0	0	0	0	0	0	1	0	0	1992
	10008	168	185.0	34277	0	0	0	0	0	0	0	0	0	1	0	0	1992
	10026	168	182.4	33443	0	0	0	0	0	0	0	0	0	1	0	0	1992
	10071	168	184.6	34151	0	0	0	0	0	0	0	0	0	0	1	0	1992
	10086	168	186.3	34721	0	0	0	0	0	0	0	0	0	0	1	0	1992
	10061	168	180.3	32653	0	0	0	0	0	0	0	0	0	0	1	0	1992
	9952	168	183.1	33616	0	0	0	0	0	0	0	0	0	0	1	0	1992
	10008	168	183.1	33617	0	0	0	0	0	0	0	0	0	0	1	0	1992
	9957	168	180.8	32883	0	0	0	0	0	0	0	0	0	0	0	0	1992
	9952	168	180.1	32835	0	0	0	0	0	0	0	0	0	0	0	0	1992
*	8929	168	150.6	25015	0	0	0	0	0	0	0	0	0	0	0	0	1992
	10217	110	124.7	18702	0	0	0	0	0	0	0	0	0	0	0	0	1992
	10218	65	159.0	27295	1	0	0	0	0	0	0	0	0	0	0	1	1993
	10043	168	160.9	27464	1	0	0	0	0	0	0	0	0	0	0	0	1993
	10270	131	166.3	29093	1	0	0	0	0	0	0	0	0	0	0	1	1993
	10196	168	160.4	27516	1	0	0	0	0	0	0	0	0	0	0	0	1993
	10156	168	158.5	26386	1	0	0	0	0	0	0	0	0	0	0	0	1993
	10022	44	165.9	28416	0	1	0	0	0	0	0	0	0	0	0	0	1993

Data Base for SMITH 2 Target Heat Rate Equation

	HR	HOUR	ANU	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
*	16330	13	45.6	2327	0	0	0	0	1	0	0	0	0	0	0	2	1993
	9965	168	184.8	34711	0	0	0	0	1	0	0	0	0	0	0	0	1993
*	48555	3	21.3	827	0	0	0	0	1	0	0	0	0	0	0	1	1993
	10001	151	175.5	31721	0	0	0	0	1	0	0	0	0	0	0	1	1993
	10725	88	168.8	30117	0	0	0	0	1	0	0	0	0	0	0	1	1993
	10721	168	185.8	34610	0	0	0	0	0	1	0	0	0	0	0	0	1993
	10773	168	186.5	34838	0	0	0	0	0	1	0	0	0	0	0	0	1993
	10684	168	186.2	34717	0	0	0	0	0	1	0	0	0	0	0	0	1993
	10754	37	144.8	23920	0	0	0	0	0	1	0	0	0	0	0	1	1993
	10314	126	161.0	27156	0	0	0	0	0	0	1	0	0	0	0	1	1993
	10164	168	168.7	29652	0	0	0	0	0	0	1	0	0	0	0	0	1993
	10016	33	170.0	29530	0	0	0	0	0	0	1	0	0	0	0	0	1993
	10343	100	152.8	26198	0	0	0	0	0	0	0	1	0	0	0	1	1993
	10071	168	170.1	29827	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10096	168	177.1	31927	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10189	168	182.5	33523	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10118	168	182.0	33385	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10109	168	170.0	30134	0	0	0	0	0	0	0	0	1	0	0	0	1993
	10412	152	168.0	29587	0	0	0	0	0	0	0	0	1	0	0	0	1993
	10022	168	176.8	31826	0	0	0	0	0	0	0	0	1	0	0	0	1993
	10066	168	178.5	32426	0	0	0	0	0	0	0	0	1	0	0	0	1993
	10257	24	175.5	31410	0	0	0	0	0	0	0	0	1	0	0	0	1993
	10285	168	170.8	29966	0	0	0	0	0	0	0	0	0	1	0	0	1993
	10228	168	172.7	30613	0	0	0	0	0	0	0	0	0	1	0	0	1993
	10246	168	180.4	32926	0	0	0	0	0	0	0	0	0	1	0	0	1993
	10290	168	169.0	29624	0	0	0	0	0	0	0	0	0	1	0	0	1993
	10408	168	179.0	32670	0	0	0	0	0	0	0	0	0	0	1	0	1993
	10477	168	176.8	31863	0	0	0	0	0	0	0	0	0	0	1	0	1993
	10459	168	181.0	33063	0	0	0	0	0	0	0	0	0	0	1	0	1993
	10358	168	169.9	29777	0	0	0	0	0	0	0	0	0	0	1	0	1993
	10387	158	156.8	26107	0	0	0	0	0	0	0	0	0	0	1	0	1993
	10635	100	122.2	17258	0	0	0	0	0	0	0	0	0	0	0	1	1993
	10728	168	106.1	13450	0	0	0	0	0	0	0	0	0	0	0	0	1993
	10788	168	97.1	10835	0	0	0	0	0	0	0	0	0	0	0	0	1993
	10522	168	167.0	29059	1	0	0	0	0	0	0	0	0	0	0	0	1994
	10363	168	172.4	30458	1	0	0	0	0	0	0	0	0	0	0	0	1994
	10376	168	182.5	33459	1	0	0	0	0	0	0	0	0	0	0	0	1994
	10217	168	170.5	29699	1	0	0	0	0	0	0	0	0	0	0	0	1994
	10373	168	176.7	31185	1	0	0	0	0	0	0	0	0	0	0	0	1994
	10354	168	164.3	28013	0	1	0	0	0	0	0	0	0	0	0	0	1994
	10295	168	176.6	31738	0	1	0	0	0	0	0	0	0	0	0	0	1994
	10316	168	168.5	29067	0	1	0	0	0	0	0	0	0	0	0	0	1994
	10302	168	172.7	30648	0	1	0	0	0	0	0	0	0	0	0	0	1994
	10428	12	111.4	14197	0	0	1	0	0	0	0	0	0	0	0	0	1994
	10595	139	162.6	27648	0	0	1	0	0	0	0	0	0	0	0	1	1994
	10392	168	172.2	30389	0	0	1	0	0	0	0	0	0	0	0	0	1994

Data Base for SMITH 2 Target Heat Rate Equation

HR	Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH.
HOUR	Number of hours the unit was synchronized during the week.
AMW	Average load on the unit, in MW.
LSRF	Load square range factor, in MW^2.
JAN to NOV	The number 1 indicates the month of the observation. All 0's indicate December.
NS	Number of unit start ups during the week after being shut down for 24 hours or more.
YEAR	The year of the observation.
*	Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for DANIEL 1 Target Heat Rate Equation

	HR	HOUR	ANN	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
	10637	84	276.0	90758	0	0	0	1	0	0	0	0	0	0	0	1	1991
	11024	168	475.7	237629	0	0	0	1	0	0	0	0	0	0	0	0	1991
*	12193	11	409.8	185361	0	0	0	1	0	0	0	0	0	0	0	0	1991
	10859	156	305.4	110676	0	0	0	0	1	0	0	0	0	0	0	1	1991
	10946	99	289.8	97618	0	0	0	0	1	0	0	0	0	0	0	1	1991
	10739	168	359.5	149166	0	0	0	0	1	0	0	0	0	0	0	0	1991
	11383	78	220.8	61507	0	0	0	0	1	0	0	0	0	0	0	0	1991
	11084	101	281.6	96091	0	0	0	0	1	0	0	0	0	0	0	1	1991
	10895	57	253.2	83376	0	0	0	0	0	1	0	0	0	0	0	0	1991
	10532	158	400.2	184438	0	0	0	0	0	1	0	0	0	0	0	1	1991
	10509	168	394.1	180799	0	0	0	0	0	1	0	0	0	0	0	0	1991
	10867	168	244.7	77664	0	0	0	0	0	1	0	0	0	0	0	0	1991
	10665	168	267.3	76341	0	0	0	0	0	0	1	0	0	0	0	0	1991
	10717	168	299.9	112037	0	0	0	0	0	0	1	0	0	0	0	0	1991
	10844	131	268.5	91155	0	0	0	0	0	0	1	0	0	0	0	0	1991
	10647	162	294.5	108169	0	0	0	0	0	0	1	0	0	0	0	1	1991
	10565	168	297.5	106048	0	0	0	0	0	0	0	1	0	0	0	0	1991
	10527	168	304.7	116966	0	0	0	0	0	0	0	1	0	0	0	0	1991
	10898	121	230.4	62866	0	0	0	0	0	0	0	1	0	0	0	0	1991
	11094	130	242.0	75898	0	0	0	0	0	0	0	1	0	0	0	1	1991
	10594	168	273.6	96503	0	0	0	0	0	0	0	0	1	0	0	0	1991
	10707	168	316.9	125000	0	0	0	0	0	0	0	0	1	0	0	0	1991
	10424	82	335.1	138239	0	0	0	0	0	0	0	0	1	0	0	0	1991
	10852	139	226.7	64117	0	0	0	0	0	0	0	0	0	0	0	1	1991
	10162	164	264.5	85668	0	0	0	0	0	0	0	0	0	0	0	0	1991
	9829	11	274.2	93635	0	0	0	0	0	0	0	0	0	0	0	0	1991
	11000	96	192.7	41395	1	0	0	0	0	0	0	0	0	0	0	1	1992
	10176	168	238.5	68093	1	0	0	0	0	0	0	0	0	0	0	0	1992
	10602	168	248.0	74653	1	0	0	0	0	0	0	0	0	0	0	0	1992
	10436	168	232.9	65054	1	0	0	0	0	0	0	0	0	0	0	0	1992
	10186	168	234.7	65219	1	0	0	0	0	0	0	0	0	0	0	0	1992
	10318	118	296.7	98476	0	1	0	0	0	0	0	0	0	0	0	0	1992
	10327	142	349.3	138202	0	1	0	0	0	0	0	0	0	0	0	1	1992
	10650	164	276.5	90093	0	1	0	0	0	0	0	0	0	0	0	0	1992
	14387	9	186.7	41907	0	0	1	0	0	0	0	0	0	0	0	1	1992
	10769	168	269.7	73113	0	0	1	0	0	0	0	0	0	0	0	0	1992
	10217	168	323.9	105570	0	0	1	0	0	0	0	0	0	0	0	0	1992
	10209	168	374.1	140555	0	0	1	0	0	0	0	0	0	0	0	0	1992
	11255	24	380.2	144533	0	0	1	0	0	0	0	0	0	0	0	0	1992
	10655	104	234.9	66204	0	0	0	1	0	0	0	0	0	0	0	0	1992
	10700	152	215.1	54942	0	0	0	1	0	0	0	0	0	0	0	1	1992
	10201	168	294.0	101544	0	0	0	1	0	0	0	0	0	0	0	0	1992
	10244	112	303.0	108207	0	0	0	1	0	0	0	0	0	0	0	0	1992
	10546	168	252.3	78502	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10525	167	256.4	82504	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10479	168	249.3	80398	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10798	158	220.3	60510	0	0	0	0	0	1	0	0	0	0	0	0	1992

Data Base for DANIEL 1 Target Heat Rate Equation

	HR	HOUR	ANN	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	WS	YEAR
	10828	167	218.4	61768	0	0	0	0	0	1	0	0	0	0	0	0	1992
	10643	74	260.8	82552	0	0	0	0	0	1	0	0	0	0	0	0	1992
	10858	163	237.7	71234	0	0	0	0	0	1	0	0	0	0	0	1	1992
	10531	168	254.8	81549	0	0	0	0	0	0	1	0	0	0	0	0	1992
	10460	168	325.5	130739	0	0	0	0	0	0	1	0	0	0	0	0	1992
	10959	59	216.2	55233	0	0	0	0	0	0	1	0	0	0	0	1	1992
	10510	168	225.6	62654	0	0	0	0	0	0	1	0	0	0	0	0	1992
	10518	168	218.6	57934	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10250	168	320.0	129267	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10441	35	250.9	85178	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10884	105	228.8	64919	0	0	0	0	0	0	0	1	0	0	0	1	1992
	10844	168	198.0	44980	0	0	0	0	0	0	0	1	0	0	0	0	1992
	10592	168	228.4	62773	0	0	0	0	0	0	0	0	1	0	0	0	1992
	10985	168	184.0	38763	0	0	0	0	0	0	0	0	1	0	0	0	1992
	10288	168	336.8	123112	0	0	0	0	0	0	0	0	1	0	0	0	1992
	10429	168	355.3	128753	0	0	0	0	0	0	0	0	1	0	0	0	1992
*	11771	8	278.2	97486	0	0	0	0	0	0	0	0	1	0	0	0	1992
	11688	62	173.8	32390	0	1	0	0	0	0	0	0	0	0	0	1	1993
	10673	38	286.6	99563	0	1	0	0	0	0	0	0	0	0	0	0	1993
	10643	50	287.4	105162	0	1	0	0	0	0	0	0	0	0	0	0	1993
	10173	168	431.8	187453	0	0	1	0	0	0	0	0	0	0	0	0	1993
	10646	168	275.8	93636	0	0	1	0	0	0	0	0	0	0	0	0	1993
	11268	59	259.7	81395	0	0	1	0	0	0	0	0	0	0	0	0	1993
	11897	41	156.9	25345	0	0	0	1	0	0	0	0	0	0	0	1	1993
	10282	168	222.4	59260	0	0	0	1	0	0	0	0	0	0	0	0	1993
	10567	120	350.3	126761	0	0	0	1	0	0	0	0	0	0	0	1	1993
	10142	168	420.1	177048	0	0	0	1	0	0	0	0	0	0	0	0	1993
	10581	168	381.5	150390	0	0	0	0	1	0	0	0	0	0	0	0	1993
	11151	168	279.4	95480	0	0	0	0	1	0	0	0	0	0	0	0	1993
*	7617	144	374.3	148093	0	0	0	0	1	0	0	0	0	0	0	0	1993
	10526	42	344.4	143836	0	0	0	0	0	1	0	0	0	0	0	1	1993
	10473	164	270.5	96529	0	0	0	0	0	1	0	0	0	0	0	0	1993
	10356	168	234.7	73480	0	0	0	0	0	1	0	0	0	0	0	0	1993
	10510	109	207.1	54938	0	0	0	0	0	1	0	0	0	0	0	1	1993
	10347	168	284.5	103581	0	0	0	0	0	0	1	0	0	0	0	0	1993
	10420	160	276.4	100418	0	0	0	0	0	0	1	0	0	0	0	0	1993
	10081	167	290.4	112566	0	0	0	0	0	0	1	0	0	0	0	0	1993
	10179	168	327.8	136129	0	0	0	0	0	0	1	0	0	0	0	0	1993
	10261	145	301.3	116996	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10018	168	291.1	107666	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10211	167	308.9	122262	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10205	168	322.2	131820	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10111	168	316.3	127017	0	0	0	0	0	0	0	1	0	0	0	0	1993
	10115	168	277.3	97072	0	0	0	0	0	0	0	0	1	0	0	0	1993
	10143	168	321.7	128796	0	0	0	0	0	0	0	0	1	0	0	0	1993
	10300	109	315.0	124442	0	0	0	0	0	0	0	0	1	0	0	1	1993
	10039	168	316.7	126832	0	0	0	0	0	0	0	0	1	0	0	0	1993

Data Base for DANIEL 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10629	11	185.5	30801	0	0	0	0	0	0	0	0	0	1	0	0	1993
10526	137	226.4	64132	0	0	0	0	0	0	0	0	0	0	1	1	1993
11163	45	189.6	43955	0	0	0	0	0	0	0	0	0	0	1	1	1993
10379	105	242.2	75192	0	0	0	0	0	0	0	0	0	0	1	1	1993
10886	107	162.8	27446	0	0	0	0	0	0	0	0	0	0	1	0	1993
10092	168	267.3	93672	1	0	0	0	0	0	0	0	0	0	0	0	1994
9862	168	373.8	154200	1	0	0	0	0	0	0	0	0	0	0	0	1994
9968	168	296.3	100772	1	0	0	0	0	0	0	0	0	0	0	0	1994
10120	168	405.8	164334	1	0	0	0	0	0	0	0	0	0	0	0	1994
10096	168	407.6	167536	0	1	0	0	0	0	0	0	0	0	0	0	1994
10040	168	427.2	182517	0	1	0	0	0	0	0	0	0	0	0	0	1994
9975	23	378.3	143105	0	1	0	0	0	0	0	0	0	0	0	0	1994

Data Base for DANIEL 1 Target Heat Rate Equation

HR	Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH.
HOUR	Number of hours the unit was synchronized during the week.
AMW	Average load on the unit, in MW.
LSRF	Load square range factor, in MW^2.
JAN to NOV	The number 1 indicates the month of the observation. All 0's indicate December.
NS	Number of unit start ups during the week after being shut down for 24 hours or more.
YEAR	The year of the observation.
*	Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for DANIEL 2 Target Heat Rate Equation

	HR	HOUR	ANN	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
	10888	167	212.0	53156	0	0	0	1	0	0	0	0	0	0	0	0	1991
	9982	161	203.2	48033	0	0	0	1	0	0	0	0	0	0	0	0	1991
	9921	168	370.1	161763	0	0	0	1	0	0	0	0	0	0	0	0	1991
	10080	168	322.8	124023	0	0	0	1	0	0	0	0	0	0	0	0	1991
	9973	41	351.5	140248	0	0	0	0	1	0	0	0	0	0	0	0	1991
•	13009	17	203.1	48886	0	0	0	0	1	0	0	0	0	0	0	1	1991
•	14511	12	159.3	27707	0	0	0	0	1	0	0	0	0	0	0	1	1991
	10326	168	264.4	82718	0	0	0	0	1	0	0	0	0	0	0	0	1991
	10261	168	309.8	112845	0	0	0	0	1	0	0	0	0	0	0	0	1991
	10243	168	295.6	106588	0	0	0	0	0	1	0	0	0	0	0	0	1991
	10351	168	281.2	98583	0	0	0	0	0	1	0	0	0	0	0	0	1991
	10064	168	376.7	167685	0	0	0	0	0	1	0	0	0	0	0	0	1991
	10471	168	247.9	80062	0	0	0	0	0	1	0	0	0	0	0	0	1991
	10408	168	232.1	67792	0	0	0	0	0	0	1	0	0	0	0	0	1991
	10552	168	272.8	94583	0	0	0	0	0	0	1	0	0	0	0	0	1991
	10539	168	256.2	81463	0	0	0	0	0	0	1	0	0	0	0	0	1991
	10260	114	266.5	87211	0	0	0	0	0	0	1	0	0	0	0	0	1991
	10390	161	272.3	92272	0	0	0	0	0	0	0	1	0	0	0	1	1991
	10219	129	299.4	114365	0	0	0	0	0	0	0	1	0	0	0	0	1991
•	14468	11	186.9	62288	0	0	0	0	0	0	0	1	0	0	0	1	1991
	10217	168	353.9	151199	0	0	0	0	0	0	0	1	0	0	0	0	1991
	10007	168	403.7	185864	0	0	0	0	0	0	0	1	0	0	0	0	1991
	10002	168	406.9	188860	0	0	0	0	0	0	0	0	1	0	0	0	1991
	10175	167	399.2	184044	0	0	0	0	0	0	0	0	1	0	0	0	1991
	10002	168	410.9	191989	0	0	0	0	0	0	0	0	1	0	0	0	1991
	9962	168	411.9	194645	0	0	0	0	0	0	0	0	1	0	0	0	1991
•	8710	24	403.5	188050	0	0	0	0	0	0	0	0	1	0	0	0	1991
	10697	97	405.2	189609	0	0	0	0	0	0	0	0	0	1	0	0	1991
	9926	140	381.1	170214	0	0	0	0	0	0	0	0	0	1	0	1	1991
	10073	164	393.6	181772	0	0	0	0	0	0	0	0	0	1	0	0	1991
	10008	168	398.2	185062	0	0	0	0	0	0	0	0	0	1	0	0	1991
	10207	116	409.6	193111	0	0	0	0	0	0	0	0	0	0	1	1	1991
	9890	168	433.7	208249	0	0	0	0	0	0	0	0	0	0	1	0	1991
	9931	168	417.8	199782	0	0	0	0	0	0	0	0	0	0	1	0	1991
	10019	168	401.2	187073	0	0	0	0	0	0	0	0	0	0	1	0	1991
	9978	168	376.0	168717	0	0	0	0	0	0	0	0	0	0	1	0	1991
	10603	168	214.7	53235	0	0	0	0	0	0	0	0	0	0	0	0	1991
	11083	165	185.1	38544	0	0	0	0	0	0	0	0	0	0	0	0	1991
	10989	168	185.9	37657	0	0	0	0	0	0	0	0	0	0	0	0	1991
	11094	168	179.0	34431	0	0	0	0	0	0	0	0	0	0	0	0	1991
	10876	83	212.0	51087	1	0	0	0	0	0	0	0	0	0	0	0	1992
	10567	106	242.1	76132	0	0	0	1	0	0	0	0	0	0	0	1	1992
	10011	168	330.4	128749	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10235	168	259.1	88363	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10201	168	277.1	96129	0	0	0	0	1	0	0	0	0	0	0	0	1992
	10294	168	257.1	82976	0	0	0	0	1	0	0	0	0	0	0	0	1992
	11229	38	158.3	25428	0	0	0	0	1	0	0	0	0	0	0	0	1992

Data Base for DANIEL 2 Target Heat Rate Equation

MR	HOUR	AMU	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10699	164	260.9	83877	0	0	0	0	0	1	0	0	0	0	0	1	1992
10847	71	218.4	58935	0	0	0	0	0	1	0	0	0	0	0	1	1992
10475	167	234.9	70159	0	0	0	0	0	0	1	0	0	0	0	0	1992
10225	168	330.4	136022	0	0	0	0	0	0	1	0	0	0	0	0	1992
10805	167	199.1	66799	0	0	0	0	0	0	1	0	0	0	0	0	1992
10556	168	207.7	52421	0	0	0	0	0	0	1	0	0	0	0	0	1992
10664	168	185.5	39731	0	0	0	0	0	0	0	1	0	0	0	0	1992
10330	168	267.1	93215	0	0	0	0	0	0	0	1	0	0	0	0	1992
10281	168	256.1	82785	0	0	0	0	0	0	0	1	0	0	0	0	1992
10442	168	222.8	61847	0	0	0	0	0	0	0	1	0	0	0	0	1992
11219	19	149.3	22291	0	0	0	0	0	0	0	1	0	0	0	0	1992
11566	19	241.4	74592	0	0	0	0	0	0	0	0	1	0	0	1	1992
10935	46	188.8	40822	0	0	0	0	0	0	0	0	1	0	0	0	1992
9466	35	281.8	102407	0	0	0	0	0	0	0	0	0	1	0	1	1992
9441	168	310.1	123797	0	0	0	0	0	0	0	0	0	1	0	0	1992
9836	168	325.8	135194	0	0	0	0	0	0	0	0	0	1	0	0	1992
9881	168	346.9	149544	0	0	0	0	0	0	0	0	0	0	1	0	1992
9958	168	313.9	127671	0	0	0	0	0	0	0	0	0	0	1	0	1992
9994	167	299.3	116639	0	0	0	0	0	0	0	0	0	0	1	0	1992
9790	46	378.3	168080	0	0	0	0	0	0	0	0	0	0	1	0	1992
10731	94	201.8	69950	0	0	0	0	0	0	0	0	0	0	0	1	1992
10507	64	273.6	102011	1	0	0	0	0	0	0	0	0	0	0	1	1993
9990	168	298.8	106807	1	0	0	0	0	0	0	0	0	0	0	0	1993
10282	155	366.7	146943	1	0	0	0	0	0	0	0	0	0	0	0	1993
9549	107	192.8	45567	0	0	1	0	0	0	0	0	0	0	0	1	1993
10158	168	204.4	51526	0	0	1	0	0	0	0	0	0	0	0	0	1993
10548	168	181.0	36716	0	0	1	0	0	0	0	0	0	0	0	0	1993
10122	167	253.3	84964	0	0	0	1	0	0	0	0	0	0	0	0	1993
10545	168	181.8	38902	0	0	0	1	0	0	0	0	0	0	0	0	1993
10169	168	231.0	64426	0	0	0	1	0	0	0	0	0	0	0	0	1993
9991	167	280.5	104316	0	0	0	1	0	0	0	0	0	0	0	0	1993
9648	168	327.3	138364	0	0	0	0	1	0	0	0	0	0	0	0	1993
9580	168	369.5	163797	0	0	0	0	1	0	0	0	0	0	0	0	1993
10294	168	232.8	72455	0	0	0	0	1	0	0	0	0	0	0	0	1993
10948	168	159.8	26309	0	0	0	0	1	0	0	0	0	0	0	0	1993
10675	168	190.5	44569	0	0	0	0	1	0	0	0	0	0	0	0	1993
10093	160	295.3	112190	0	0	0	0	0	1	0	0	0	0	0	0	1993
10215	168	286.0	105944	0	0	0	0	0	1	0	0	0	0	0	0	1993
10586	168	262.1	87621	0	0	0	0	0	1	0	0	0	0	0	0	1993
10975	168	223.0	65231	0	0	0	0	0	1	0	0	0	0	0	0	1993
10495	168	316.4	123805	0	0	0	0	0	0	1	0	0	0	0	0	1993
10156	168	310.7	124835	0	0	0	0	0	0	1	0	0	0	0	0	1993
9837	168	351.0	152563	0	0	0	0	0	0	1	0	0	0	0	0	1993
10095	168	340.0	145363	0	0	0	0	0	0	1	0	0	0	0	0	1993
10087	168	323.6	132357	0	0	0	0	0	0	0	1	0	0	0	0	1993
9890	168	313.9	124037	0	0	0	0	0	0	0	1	0	0	0	0	1993
10056	168	325.4	134004	0	0	0	0	0	0	0	1	0	0	0	0	1993

Data Base for DANIEL 2 Target Heat Rate Equation

NR	HOUR	ANN	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10258	166	324.3	134481	0	0	0	0	0	0	0	1	0	0	0	0	1993
10257	168	326.9	131237	0	0	0	0	0	0	0	1	0	0	0	0	1993
10651	85	294.9	113085	0	0	0	0	0	0	0	0	1	0	0	0	1993
10997	20	300.0	113348	0	0	0	0	0	0	0	0	1	0	0	1	1993
10064	168	313.6	124514	0	0	0	0	0	0	0	0	1	0	0	0	1993
10271	168	334.3	138915	0	0	0	0	0	0	0	0	1	0	0	0	1993
10357	24	312.5	121950	0	0	0	0	0	0	0	0	1	0	0	0	1993
10093	168	330.3	134791	0	0	0	0	0	0	0	0	0	1	0	0	1993
9957	168	310.8	118560	0	0	0	0	0	0	0	0	0	1	0	0	1993
9959	168	333.1	134635	0	0	0	0	0	0	0	0	0	1	0	0	1993
11139	41	159.4	26285	0	0	0	0	0	0	0	0	0	1	0	0	1993
10424	107	233.0	67469	0	0	0	0	0	0	0	0	0	0	1	1	1993
10102	71	379.9	169841	1	0	0	0	0	0	0	0	0	0	0	1	1994
9820	22	269.9	85801	1	0	0	0	0	0	0	0	0	0	0	0	1994
9965	167	364.1	135503	0	0	1	0	0	0	0	0	0	0	0	1	1994
9895	168	423.3	179245	0	0	1	0	0	0	0	0	0	0	0	0	1994
9977	167	408.2	169741	0	0	1	0	0	0	0	0	0	0	0	0	1994

Data Base for DANIEL 2 Target Heat Rate Equation

HR	Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shutdown for 24 hours or more, in BTU/KWH.
HOUR	Number of hours the unit was synchronized during the week.
AMW	Average load on the unit, in MW.
LSRF	Load square range factor, in MW^2.
JAN to NOV	The number 1 indicates the month of the observation. All 0's indicate December.
NS	Number of unit start ups during the week after being shut down for 24 hours or more.
YEAR	The year of the observation.
*	Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Calculation of
Target Average Net Operating Heat Rates
for October 1994 - March 1995

Unit	Month	(1) Forecast AKW * 10^3	(2) Forecast LSRF * 10^6	(3) Forecast Monthly ANOHR	(4) Forecast AKW * 10^3 Generation	(5) Weighted ANOHR Target
CRIST 6	Oct '94	254.3	68,771	10,085	159,950	
	Nov '94	229.7	57,558	10,387	87,510	
	Dec '94	240.3	62,307	10,337	150,930	
	Jan '95	199.7	44,788	10,770	138,760	
	Feb '95	205.9	47,346	10,516	129,300	
	Mar '95	222.8	54,533	10,421	154,850	10,410
CRIST 7	Oct '94	419.9	186,698	10,116	119,660	
	Nov '94	378.6	157,592	10,440	215,030	
	Dec '94	397.4	170,685	10,169	187,900	
	Jan '95	345.2	136,969	10,500	202,290	
	Feb '95	356.9	144,150	10,353	190,240	
	Mar '95	385.3	162,229	10,232	225,790	10,317
SMITH 1	Oct '94	160.0	25,604	10,051	116,180	
	Nov '94	157.1	24,839	10,161	91,000	
	Dec '94	154.9	24,264	10,172	72,500	
	Jan '95	158.7	25,260	10,153	107,580	
	Feb '95	159.3	25,419	10,150	104,360	
	Mar '95	158.2	25,128	10,155	114,730	10,137

NOTE: Column (3) monthly ANOHR's are determined using the values from columns (1) and (2) in the target ANOHR equation on page 2 of Schedule 1.

Column (5) = $(\Sigma ((3) * (4))) / (\Sigma (4))$

Calculation of
Target Average Net Operating Heat Rates
for October 1994 - March 1995

Unit	Month	(1) Forecast AKW * 10^3	(2) Forecast LSRF * 10^6	(3) Forecast Monthly ANOHR	(4) Forecast AKW * 10^3 Generation	(5) Weighted ANOHR Target
SMITH 2	Oct '94	187.2	34,793	10,216	66,070	
	Nov '94	179.9	32,719	10,223	126,820	
	Dec '94	178.6	32,353	10,226	130,010	
	Jan '95	185.7	34,364	10,217	130,910	
	Feb '95	186.5	34,592	10,217	122,740	
	Mar '95	185.0	34,165	10,333	104,340	10,237
DANIEL 1	Oct '94	349.8	139,430	10,257	247,310	
	Nov '94	389.9	164,610	10,207	266,680	
	Dec '94	390.2	164,800	10,206	275,460	
	Jan '95	411.9	178,585	10,185	215,810	
	Feb '95	414.3	180,116	10,182	183,920	
	Mar '95	409.4	176,991	10,631	270,630	10,287
DANIEL 2	Oct '94	374.8	164,346	9,980	270,970	
	Nov '94	407.9	187,783	9,922	285,120	
	Dec '94	403.5	184,640	9,929	291,350	
	Jan '95	419.8	196,325	9,903	303,130	
	Feb '95	421.6	197,622	9,900	255,490	
	Mar '95	417.2	194,453	9,907	282,000	9,923

NOTE: Column (3) monthly ANOHR's are determined using the values from columns (1) and (2) in the target ANOHR equation on page 2 of Schedule 1.

Column (5) = $\{ \Sigma ((3) * (4)) \} / \{ \Sigma (4) \}$

Summary of Target, Maximum, and Minimum
Average Net Operating Heat Rates
for October 1994 - March 1995

Unit	Target Heat Rate BTU/KWH (0 Points)	Minimum Attainable Heat Rate (+ 10 Points)	Maximum Attainable Heat Rate (- 10 Points)
CRIST 6	10,410	10,098	10,722
CRIST 7	10,317	10,007	10,627
SMITH 1	10,137	9,833	10,441
SMITH 2	10,237	9,930	10,544
DANIEL 1	10,287	9,978	10,596
DANIEL 2	9,923	9,625	10,221

II. DETERMINATION OF EQUIVALENT AVAILABILITY TARGETS

II. DETERMINATION OF EQUIVALENT AVAILABILITY TARGETS

Calculation of
Target Equivalent Availabilities
for October 1994 - March 1995

Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR	Planned Outage Hours for Oct '94 - Mar '95	Reserve Shutdown Hours for Oct '94 - Mar '95	Target Equivalent Availability *
Crist 6	0.0833	384	0	83.6
Crist 7	0.2415	384	0	69.2
Smith 1	0.0385	384	0	87.7
Smith 2	0.0288	552	0	84.8
Daniel 1	0.1455	0	0	85.4
Daniel 2	0.0518	0	0	94.8

* EA = [1 - (POH + EUOR * (PH - POH - RSH)) / PH] * 100

Calculation of Maximum and Minimum
Attainable Equivalent Availabilities
for October 1994 - March 1995

Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR (TARGET EUOR)	Minimum Attainable EUOR 70% of Target EUOR	Maximum Attainable Equivalent Availability	Maximum Attainable EUOR 145% of Target EUOR	Minimum Attainable Equivalent Availability
Crist 6	0.0833	0.0583	85.9	0.1208	80.2
Crist 7	0.2415	0.1691	75.8	0.3502	59.3
Smith 1	0.0385	0.0270	88.7	0.0558	86.1
Smith 2	0.0288	0.0202	85.6	0.0418	83.7
Daniel 1	0.1455	0.1019	89.8	0.2110	78.9
Daniel 2	0.0518	0.0363	96.4	0.0751	92.5

Summary of Target, Maximum, and Minimum
Equivalent Availabilities
for October 1994 - March 1995

Unit	Target Equivalent Availability (0 Points)	Maximum Attainable Equivalent Availability (+10 Points)	Minimum Attainable Equivalent Availability (-10 Points)
Crist 6	83.6	85.9	80.2
Crist 7	69.2	75.8	59.3
Smith 1	87.7	88.7	86.1
Smith 2	84.8	85.6	83.7
Daniel 1	85.4	89.8	78.9
Daniel 2	94.8	96.4	92.5

Florida Public Service Commission
Docket No. 940001-EI
Gulf Power Company
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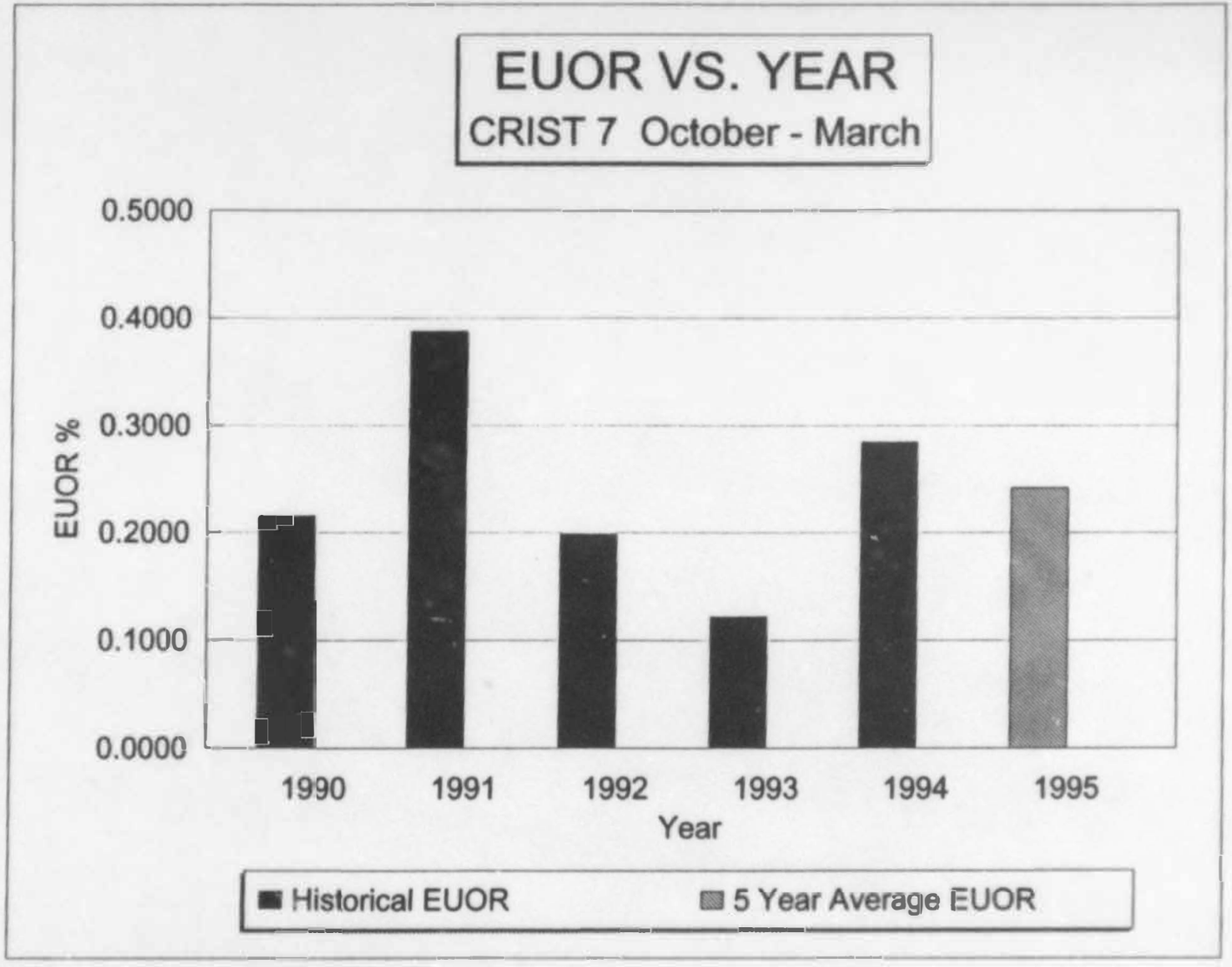

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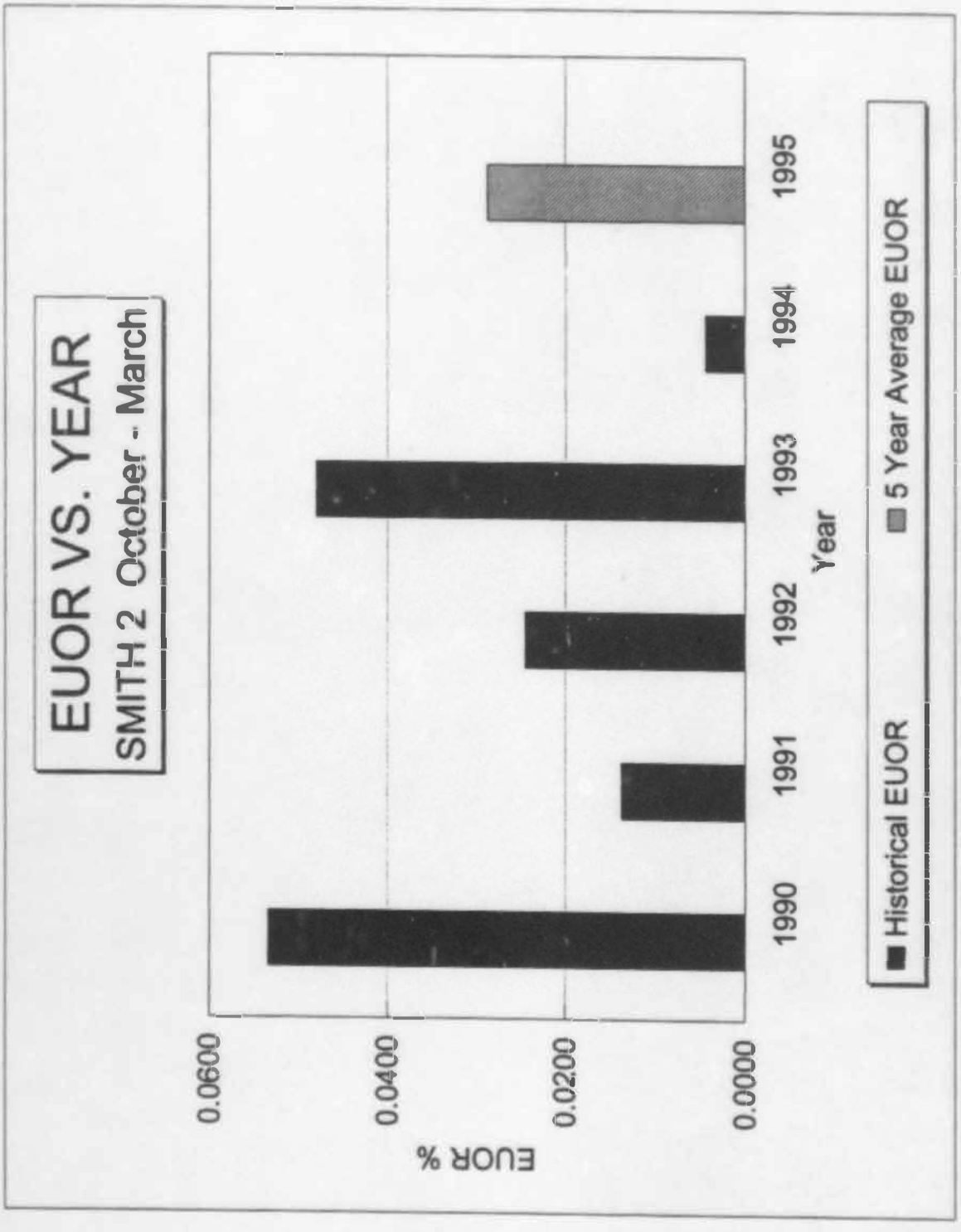
EUOR VS. YEAR
SMITH 2 October - March
EUOR %
0.0600
0.0400
0.0200
0.0000
1990
1991
1992
1993
1994
1995
Year
Historical EUOR
5 Year Average EUOR

Florida Public Service Commission
Docket No. 940001-EI
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Witness: G. D. Fontaine
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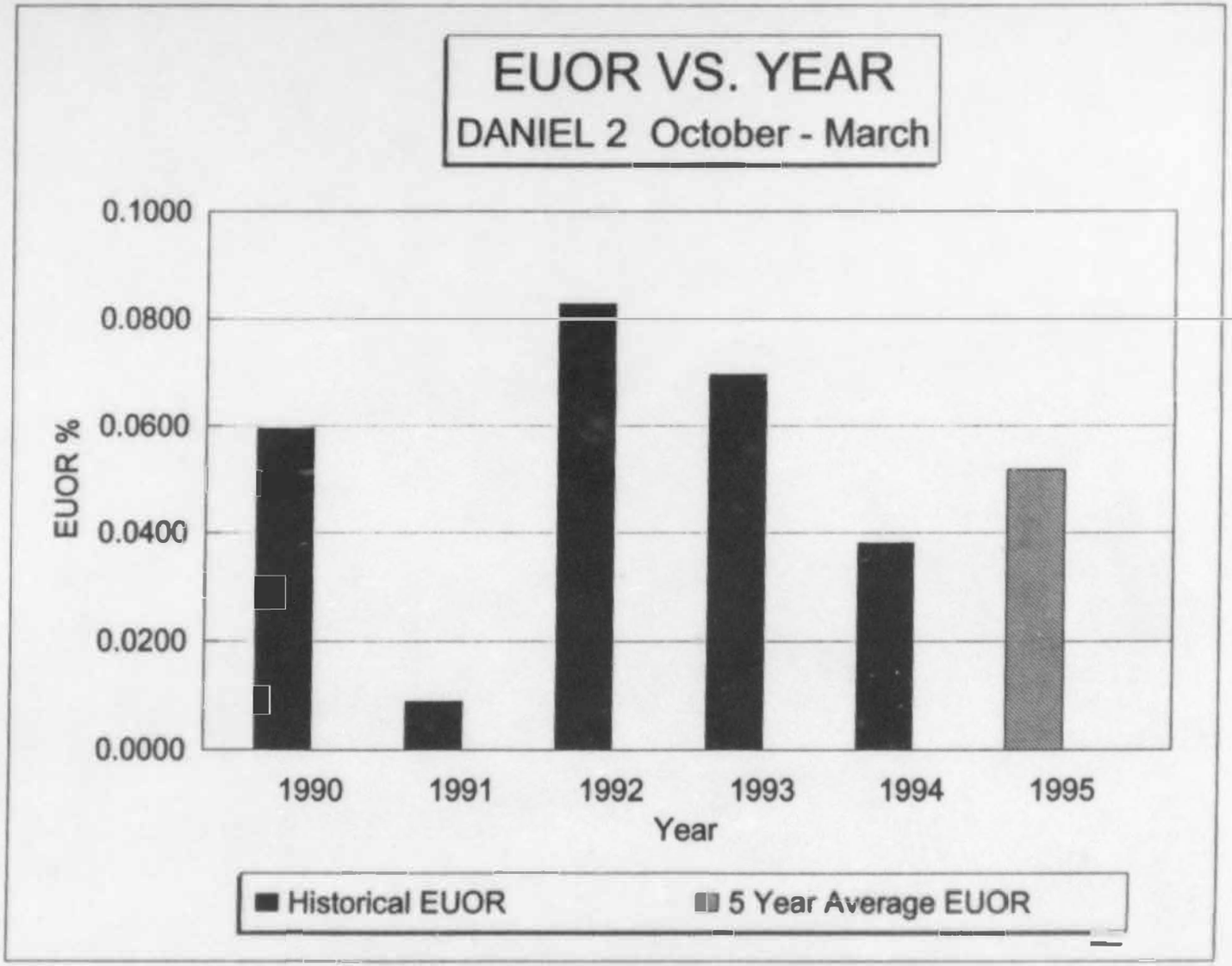

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Witness: G. D. Fontaine
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III. GPIF MINIMUM FILING REQUIREMENTS FOR THE
PERIOD OCTOBER 1994 - MARCH 1995

CONTENTS

Generating Performance Incentive Factor

Estimated Reward/Penalty Table

Gulf Power Company

Period of: October 1994 - March 1995

Generating Performance Incentive Factor Points	Fuel Saving/Loss ($000)	Generating Performance Incentive Factor ($000)
	Maximum Attainable Fuel Savings	Maximum Incentive Dollars Allowed by Commission During Period (Reward)
+ 10	3147	835
+ 9	2832	752
+ 8	2518	668
+ 7	2203	585
+ 6	1888	501
+ 5	1574	418
+ 4	1259	334
+ 3	944	251
+ 2	629	167
+ 1	315	84
0	0	0
- 1	-337	-84
- 2	-674	-167
- 3	-1012	-251
- 4	-1349	-334
- 5	-1686	-418
- 6	-2023	-501
- 7	-2360	-585
- 8	-2698	-668
- 9	-3035	-752
- 10	-3372	-835
	Ninimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: T. J. Bowden

Filed: June 27, 1994
Suspended:
Effective: October 1, 1994
Docket No.: 940001-EI
Order No.:

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Estimated

Gulf Power Company

Period of: October 1994 - March 1995

Line 1	Beginning of Period Balance of Common Equity	$424,551,000
	End of Month Balance of Common Equity:	
Line 2	Month of Oct '94	$415,907,000
Line 3	Month of Nov '94	$418,508,000
Line 4	Month of Dec '94	$423,761,000
Line 5	Month of Jan '95	$416,723,000
Line 6	Month of Feb '95	$419,705,000
Line 7	Month of Mar '95	$416,653,000
Line 8	Average Common Equity for the Period (sum of line 1 through line 7 divided by 7)	$419,401,143
Line 9	25 Basis Points	0.0025
Line 10	Revenue Expansion Factor	60.4524%
Line 11	Maximum Allowed Incentive Dollars (line 8 multiplied by line 9 divided by line 10 multiplied by 0.5)	$867,214
Line 12	Jurisdictional Sales (KWH)	3,736,953,000
Line 13	Total Territorial Sales (KWH)	3,880,587,000
Line 14	Jurisdictional Separation Factor (line 12 divided by line 13)	96.2987%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14)	$835,116

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GPIF Unit Performance Summary

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range Max %	EAF Range Min %	Max Fuel Savings ($000)	Max Fuel Loss ($000)
Crist 6	1.2%	83.6	85.9	80.2	$38	($65)
Crist 7	2.5%	69.2	75.8	59.3	$30	($125)
Smith 1	1.0%	87.7	88.7	86.1	$33	($67)
Smith 2	1.3%	84.8	85.6	83.7	$41	($60)
Daniel 1	2.3%	85.4	89.8	78.9	$73	($151)
Daniel 2	2.6%	94.8	96.4	92.5	$83	($105)

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	ANOHR Range Min BTU/KWH	ANOHR Range Max BTU/KWH	Max Fuel Savings ($000)	Max Fuel Loss ($000)
Crist 6	10.9%	10,410	70.9	10,098	10,722	$343	($343)
Crist 7	15.2%	10,317	74.8	10,007	10,627	$479	($479)
Smith 1	7.1%	10,137	90.3	9,833	10,441	$223	($223)
Smith 2	7.8%	10,237	96.0	9,930	10,544	$245	($245)
Daniel 1	22.2%	10,287	91.1	9,978	10,596	$698	($698)
Daniel 2	25.8%	9,923	96.6	9,625	10,221	$811	($811)

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Target			Actual Performance 1st Prior Period Oct '93 - Mar '94			Actual Performance 2nd Prior Period Oct '92 - Mar '93		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Crist 6	1.2%	10.9%	0.0879	0.0760	0.0833	0.1595	0.0259	0.0333	0.1011	0.1040	0.1196
Crist 7	2.5%	23.0%	0.0879	0.2202	0.2415	0.1083	0.2535	0.2843	0.0632	0.1134	0.1217
Smith 1	1.0%	9.5%	0.0179	0.0352	0.0385	0.3070	0.0052	0.0091	0.0501	0.0850	0.0882
Smith 2	1.3%	11.8%	0.1263	0.0252	0.0288	0.0811	0.0038	0.0044	0.2975	0.0327	0.0480
Daniel 1	2.3%	21.0%	0.0000	0.1456	0.1455	0.2254	0.0329	0.0907	0.2957	0.0640	0.3618
Daniel 2	2.6%	23.9%	0.0000	0.0517	0.0518	0.2641	0.0110	0.0381	0.2337	0.0308	0.0494
Weighted GPIF System Average:			0.0530	0.1081	0.1145	0.1913	0.0716	0.0985	0.0000	0.0000	0.1475

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Actual Performance 3rd Prior Period Oct '91 - Mar '92			Actual Performance 4th Prior Period Oct '90 - Mar '91			Actual Performance 5th Prior Period Oct '89 - Mar '90		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Crist 6	1.2%	10.9%	0.0000	0.0577	0.0618	0.0594	0.0152	0.0947	0.1613	0.0722	0.1073
Crist 7	2.5%	23.0%	0.1851	0.1548	0.1988	0.1718	0.2855	0.3871	0.1058	0.1843	0.2154
Smith 1	1.0%	9.5%	0.0331	0.0303	0.0319	0.0000	0.0417	0.0424	0.0000	0.0118	0.0209
Smith 2	1.3%	11.8%	0.0958	0.0221	0.0245	0.0783	0.0123	0.0138	0.0000	0.0283	0.0536
Daniel 1	2.3%	21.0%	0.3484	0.1243	0.2241	0.4497	0.0221	0.0507	0.1362	0.0000	0.0000
Daniel 2	2.6%	23.9%	0.3278	0.0422	0.0828	0.3955	0.0141	0.0089	0.2342	0.0082	0.0594
Weighted GPIF System Average:			0.2082	0.0835	0.1251	0.2439	0.0460	0.1177	0.1264	0.0567	0.0837

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Average Net Operating Heat Rate

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Heat Rate Target	1st Prior Period Heat Rate Oct '94 - Mar '95	2nd Prior Period Heat Rate Oct '93 - Mar '94	3rd Prior Period Heat Rate Oct '92 - Mar '93
Crist 6	10.9%	12.3%	10,410	10,374	10,324	10,563
Crist 7	15.2%	17.1%	10,317	10,445	10,313	10,293
Smith 1	7.1%	8.0%	10,137	10,230	9,995	10,201
Smith 2	7.8%	8.8%	10,237	10,361	10,023	10,273
Daniel 1	22.2%	24.9%	10,287	10,174	10,280	10,230
Daniel 2	25.8%	29.0%	9,923	9,870	9,750	10,056
Weighted GPIF System Average:			10,185	10,178	10,092	10,233

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Example Calculation of Prior Season

Average Net Operating Heat Rate

Adjusted to Target Basis

Crist 6 Oct '93 - Mar '94

	Oct	Nov	Dec	Jan	Feb	Mar
1. Target Heat Rate*	10085	10387	10337	10770	10516	10421
2. Target Heat Rate at Actual Conditions**	10011	10271	10276	10593	10375	10503
3. Adjustments to Actual Heat Rate (1-2)	74	116	61	177	141	-82
4. Actual Heat Rate for Prior Period	9964	10209	10230	10408	10110	10559
5. Adjusted actual Heat Rate (4+3)	10038	10325	10291	10585	10251	10477
6. Forecast Net MWH Generation*	159950	87510	150930	138760	129300	154850

7. Adjusted Actual Heat Rate for Oct '93 - Mar '94 = (Σ ((5)*(6)))/(Σ (6)) 10,324

* For the October 1994 - March 1995 time period.

** Based on the target heat rate equation from page 2 of Schedule 1 using actual rather than forecast variable values.

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Derivation of Weighting Factors

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Unit Performance Indicator	Production Cost Simulation Fuel Cost ($000) At Target (1)	At Maximum Improvement (2)	Savings (3)	Weighting Factor (% of Savings)
Crist 6	EA-1	$88,696	$88,458	$38	1.2%
Crist 6	ANOHR-1	$88,496	$88,153	$343	10.9%
Crist 7	EA-2	$88,496	$88,416	$80	2.5%
Crist 7	ANOHR-2	$88,496	$88,017	$479	15.2%
Smith 1	EA-3	$88,496	$88,463	$33	1.0%
Smith 1	ANOHR-3	$88,496	$88,273	$223	7.1%
Smith 2	EA-4	$88,496	$88,455	$41	1.3%
Smith 2	ANOHR-4	$88,496	$88,251	$245	7.8%
Daniel 1	EA-5	$88,496	$88,423	$73	2.3%
Daniel 1	ANOHR-5	$88,496	$87,798	$698	22.2%
Daniel 2	EA-6	$88,496	$88,413	$83	2.6%
Daniel 2	ANOHR-6	$88,496	$87,685	$811	25.8%

(1) Fuel Adjustment Base Case - All unit performance indicators at target.

(2) All other unit performance indicators at target.

(3) Expressed in replacement energy costs. Also includes variable operating and maintenance expense savings associated with availability improvements.

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 1995

Crist 6

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	38	85.90	+ 10	343	10,098
+ 9	34	85.67	+ 9	309	10,122
+ 8	30	85.44	+ 8	274	10,145
+ 7	27	85.21	+ 7	240	10,169
+ 6	23	84.98	+ 6	206	10,193
+ 5	19	84.75	+ 5	172	10,217
+ 4	15	84.52	+ 4	137	10,240
+ 3	11	84.29	+ 3	103	10,264
+ 2	8	84.06	+ 2	69	10,288
+ 1	4	83.83	+ 1	34	10,311
				0	10,335
0	0	83.60	0	0	10,410
				0	10,485
- 1	(7)	83.26	- 1	(34)	10,509
- 2	(13)	82.92	- 2	(69)	10,532
- 3	(20)	82.58	- 3	(103)	10,556
- 4	(26)	82.24	- 4	(137)	10,580
- 5	(33)	81.90	- 5	(172)	10,604
- 6	(39)	81.56	- 6	(206)	10,627
- 7	(46)	81.22	- 7	(240)	10,651
- 8	(52)	80.88	- 8	(274)	10,675
- 9	(59)	80.54	- 9	(309)	10,698
- 10	(65)	80.20	- 10	(343)	10,722
Weighting Factor:		0.012	Weighting Factor:		0.109

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 1995

Crist 7

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	80	75.80	+ 10	479	10,007
+ 9	72	75.14	+ 9	[illegible]	10,031
+ 8	64	74.48	+ 8	[illegible]	10,054
+ 7	56	73.82	+ 7	335	10,078
+ 6	48	73.16	+ 6	287	10,101
+ 5	40	72.50	+ 5	240	10,125
+ 4	32	71.84	+ 4	192	10,148
+ 3	24	71.18	+ 3	144	10,172
+ 2	16	70.52	+ 2	96	10,195
+ 1	8	69.86	+ 1	48	10,219
				0	10,242
0	0	69.20	0	0	10,317
				0	10,392
- 1	(13)	68.21	- 1	(48)	10,416
- 2	(25)	67.22	- 2	(96)	10,439
- 3	(38)	66.23	- 3	(144)	10,463
- 4	(50)	65.24	- 4	(192)	10,486
- 5	(63)	64.25	- 5	(240)	10,510
- 6	(75)	63.26	- 6	(287)	10,533
- 7	(88)	62.27	- 7	(335)	10,557
- 8	(100)	61.28	- 8	(383)	10,580
- 9	(113)	60.29	- 9	(431)	10,604
- 10	(125)	59.30	- 10	(479)	10,627
Weighting Factor:		0.025	Weighting Factor:		0.152

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 1995

Smith 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	33	88.70	+ 10	223	9,833
+ 9	30	88.60	+ 9	201	9,856
+ 8	26	88.50	+ 8	178	9,879
+ 7	23	88.40	+ 7	156	9,902
+ 6	20	88.30	+ 6	134	9,925
+ 5	17	88.20	+ 5	112	9,948
+ 4	13	88.10	+ 4	89	9,970
+ 3	10	88.00	+ 3	67	9,993
+ 2	7	87.90	+ 2	45	10,016
+ 1	3	87.80	+ 1	22	10,039
				0	10,062
0	0	87.70	0	0	10,137
				0	10,212
- 1	(7)	87.54	- 1	(22)	10,235
- 2	(13)	87.38	- 2	(45)	10,258
- 3	(20)	87.22	- 3	(67)	10,281
- 4	(27)	87.06	- 4	(89)	10,304
- 5	(34)	86.90	- 5	(112)	10,327
- 6	(40)	86.74	- 6	(134)	10,349
- 7	(47)	86.58	- 7	(156)	10,372
- 8	(54)	86.42	- 8	(178)	10,395
- 9	(60)	86.26	- 9	(201)	10,418
- 10	(67)	86.10	- 10	(223)	10,441
Weighting Factor:		0.010	Weighting Factor:		0.071

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 1995

Smith 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	41	85.60	+ 10	245	9,930
+ 9	37	85.52	+ 9	221	9,953
+ 8	33	85.44	+ 8	196	9,976
+ 7	29	85.36	+ 7	172	10,000
+ 6	25	85.28	+ 6	147	10,023
+ 5	21	85.20	+ 5	123	10,046
+ 4	16	85.12	+ 4	98	10,069
+ 3	12	85.04	+ 3	74	10,092
+ 2	8	84.96	+ 2	49	10,116
+ 1	4	84.88	+ 1	25	10,139
				0	10,162
0	0	84.80	0	0	10,237
				0	10,312
- 1	(6)	84.69	- 1	(25)	10,335
- 2	(12)	84.58	- 2	(49)	10,358
- 3	(18)	84.47	- 3	(74)	10,382
- 4	(24)	84.36	- 4	(98)	10,405
- 5	(30)	84.25	- 5	(123)	10,428
- 6	(36)	84.14	- 6	(147)	10,451
- 7	(42)	84.03	- 7	(172)	10,474
- 8	(48)	83.92	- 8	(196)	10,498
- 9	(54)	83.81	- 9	(221)	10,521
- 10	(60)	83.70	- 10	(245)	10,544
Weighting Factor:		0.013	Weighting Factor:		0.070

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 1995

Daniel 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	73	89.80	+ 10	698	9,978
+ 9	66	89.37	+ 9	628	10,001
+ 8	58	88.94	+ 8	558	10,025
+ 7	51	88.51	+ 7	489	10,048
+ 6	44	88.08	+ 6	419	10,072
+ 5	37	87.65	+ 5	349	10,095
+ 4	29	87.22	+ 4	279	10,118
+ 3	22	86.79	+ 3	209	10,142
+ 2	15	86.36	+ 2	140	10,165
+ 1	7	85.93	+ 1	70	10,189
				0	10,212
0	0	85.50	0	0	10,287
				0	10,362
- 1	(15)	84.84	- 1	(70)	10,385
- 2	(30)	84.18	- 2	(140)	10,409
- 3	(45)	83.52	- 3	(209)	10,432
- 4	(60)	82.86	- 4	(279)	10,456
- 5	(76)	82.20	- 5	(349)	10,479
- 6	(91)	81.54	- 6	(419)	10,502
- 7	(106)	80.88	- 7	(489)	10,526
- 8	(121)	80.22	- 8	(558)	10,549
- 9	(136)	79.56	- 9	(628)	10,573
- 10	(151)	78.90	- 10	(698)	10,596
Weighting Factor:		0.023	Weighting Factor:		0.222

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1994 - March 1995

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	83	96.40	+ 10	811	9,625
+ 9	75	96.24	+ 9	730	9,647
+ 8	66	96.08	+ 8	649	9,670
+ 7	58	95.92	+ 7	568	9,692
+ 6	50	95.76	+ 6	487	9,714
+ 5	42	95.60	+ 5	406	9,737
+ 4	33	95.44	+ 4	324	9,759
+ 3	25	95.28	+ 3	243	9,781
+ 2	17	95.12	+ 2	162	9,803
+ 1	8	94.96	+ 1	81	9,824
				0	9,846
0	0	94.80	0	0	9,923
				0	9,998
- 1	(11)	94.57	- 1	(81)	10,020
- 2	(21)	94.34	- 2	(162)	10,043
- 3	(32)	94.11	- 3	(243)	10,065
- 4	(42)	93.88	- 4	(324)	10,087
- 5	(53)	93.65	- 5	(406)	10,110
- 6	(63)	93.42	- 6	(487)	10,132
- 7	(74)	93.19	- 7	(568)	10,154
- 8	(84)	92.96	- 8	(649)	10,176
- 9	(95)	92.73	- 9	(730)	10,199
- 10	(105)	92.50	- 10	(811)	10,221
Weighting Factor:		0.026	Weighting Factor:		0.258

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ESTIMATED UNIT PERFORMANCE DATA

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

	CRIST 6	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1.	EAF (%)	84.6	52.5	84.6	93.6	93.5	93.6	83.6
2.	POF (%)	9.7	43.3	0.0	0.0	0.0	0.0	8.8
3.	EUDF (%)	5.9	6.2	15.6	6.6	6.5	6.6	7.6
4.	EUOR (%)	6.5	7.4	15.6	6.6	6.5	6.6	8.3
5.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
6.	SH	629.0	381.0	628.0	695.0	628.0	695.0	3656.0
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	116.0	339.0	116.0	49.0	44.0	49.0	713.0
9.	POH	72.0	312.0	0.0	0.0	0.0	0.0	384.0
10.	FOH & EFOH	44.0	30.0	44.0	49.0	44.0	49.0	260.0
11.	MOH & EMOH	0.0	0.0	72.0	0.0	0.0	0.0	72.0
12.	Oper MBtu	1613096.0	908966.0	1560163.0	1494445.0	1359719.0	1613692.0	8550081.0
13.	Net Gen (MWH)	159950.0	87510.0	150930.0	138760.0	129300.0	154850.0	821300.0
14.	ANOHR (Btu/KWH)	10085.0	10387.0	10337.0	10770.0	10516.0	10421.0	10410.0
15.	NOF %	80.2	72.5	75.8	63.0	65.0	70.3	70.9
16.	NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0

19.	ANOHR Equation	10^6 / AOH = [250.87 + 42.81 * JAN + 27.33 * MAY + 39.91 * JUN - 49.15 * OCT] + 9.263

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

	CRIST 7	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1.	EAF (%)	37.6	78.9	63.6	78.8	78.9	78.8	69.2
2.	POF (%)	51.5	0.0	0.0	0.0	0.0	0.0	8.8
3.	EUOF (%)	10.9	21.1	36.4	21.2	21.1	21.2	22.0
4.	EUOR (%)	22.4	21.1	36.4	21.2	21.1	21.2	24.1
5.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
6.	SH	285.0	568.0	473.0	586.0	530.0	586.0	3028.0
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	460.0	152.0	271.0	158.0	142.0	158.0	1341.0
9.	POH	384.0	0.0	0.0	0.0	0.0	0.0	384.0
10.	FOH & EFOH	81.0	152.0	127.0	158.0	142.0	158.0	818.0
11.	MOH & EMOH	0.0	0.0	144.0	0.0	0.0	0.0	144.0
12.	Oper MBtu	1210481.0	2264913.0	1915328.0	2124045.0	1966130.0	2310181.0	11771078.0
13.	Net Gen (MWH)	119660.0	215030.0	187980.0	202290.0	190240.0	225780.0	1140980.0
14.	AHEATR (Btu/KWH)	10116.0	10440.0	10189.0	10500.0	10335.0	10232.0	10317.0
15.	NOF %	83.3	75.1	78.9	68.5	71.2	76.4	76.8
16.	NPC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0

19.	AHEATR Equation	10^6 / AHR = [543.16 + 35.93 * JAN - 87.62 * APR + 74.61 * JUL + 74.83 * AUG + 69.45 * NOV] + 8,822

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

	SMITH 1	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1.	EAF (%)	97.6	81.3	62.1	91.1	97.5	97.6	87.7
2.	POF (%)	0.0	16.7	35.5	0.0	0.0	0.0	8.8
3.	EUOF (%)	2.6	2.0	2.4	8.9	2.5	2.6	3.5
4.	EUOR (%)	2.6	2.5	3.8	8.9	2.5	2.6	3.9
5.	PH	745.0	720.0	744.0	744.0	672.0	744.0	6369.0
6.	SH	726.0	585.0	468.0	678.0	655.0	725.0	3837.0
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	19.0	135.0	276.0	66.0	17.0	19.0	532.0
9.	POH	0.0	120.0	264.0	0.0	0.0	0.0	384.0
10.	FOH & EFOH	19.0	15.0	18.0	18.0	17.0	19.0	106.0
11.	MOH & EMOH	0.0	0.0	0.0	48.0	0.0	0.0	48.0
12.	Oper MBtu	1167725.0	933796.0	737470.0	1092260.0	1059254.0	1165083.0	6155588.0
13.	Net Gen (MWH)	116180.0	91900.0	72500.0	107580.0	104360.0	116730.0	607250.0
14.	ANOHR (Btu/KWH)	10051.0	10161.0	10172.0	10153.0	10150.0	10155.0	10137.0
15.	NOF %	99.6	97.6	96.2	98.6	99.0	98.3	98.3
16.	NPC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0

19.	ANOHR Equation	10^6 / AOH * [121.86 - 15.34 * OCT] + 9.305

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GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

	SMITH 2	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1.	EAF (%)	66.6	97.9	97.8	94.8	97.9	75.8	84.8
2.	POF (%)	51.5	0.0	0.0	0.0	0.0	22.6	12.6
3.	EUOF (%)	1.9	2.1	2.2	5.2	2.1	1.6	2.6
4.	EUOR (%)	3.9	2.1	2.2	5.2	2.1	2.1	2.9
5.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
6.	SH	353.0	705.0	728.0	705.0	658.0	564.0	3713.0
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	392.0	15.0	16.0	39.0	14.0	180.0	656.0
9.	POH	384.0	0.0	0.0	0.0	0.0	168.0	552.0
10.	FOH & EFOH	14.0	15.0	16.0	15.0	14.0	12.0	86.0
11.	MOH & EMOH	0.0	0.0	0.0	24.0	0.0	0.0	24.0
12.	Oper MBtu	674971.0	1296481.0	1329222.0	1337507.0	1254035.0	1078145.0	6970361.0
13.	Net Gen (MWH)	66070.0	126820.0	130010.0	130910.0	122740.0	104340.0	680890.0
14.	ANOHR (Btu/KWH)	10216.0	10223.0	10224.0	10217.0	10217.0	10333.0	10237.0
15.	NOF %	98.0	94.2	93.5	97.2	97.7	96.9	96.0
16.	NPC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0

19.	ANOHR Equation	10^6 / AKH * [348.89 + 21.31 * MAR - 19.32 * MAY] + 5.115 + 0.01742 * LSRF / AKH

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

	DANIEL 1	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1.	EAF (%)	94.9	94.3	94.9	70.4	67.9	88.8	85.4
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	EUOF (%)	5.1	5.7	5.1	29.6	32.1	11.2	14.6
4.	EUOR (%)	5.1	5.7	5.1	29.6	32.1	11.2	14.6
5.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
6.	SH	707.0	684.0	706.0	524.0	656.0	661.0	3738.0
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	38.0	36.0	38.0	220.0	216.0	83.0	631.0
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	FOH & EFOH	38.0	41.0	38.0	28.0	24.0	35.0	204.0
11.	MOH & EMOH	0.0	0.0	0.0	192.0	192.0	48.0	432.0
12.	Oper MBtu	2536659.0	2722003.0	2811365.0	2198025.0	1923583.0	2877068.0	15068683.0
13.	Net Gen (MWH)	247310.0	266680.0	275460.0	215810.0	188920.0	270630.0	1464810.0
14.	ANOHR (Btu/KWH)	10257.0	10207.0	10206.0	10185.0	10182.0	10631.0	10287.0
15.	NOF %	81.3	90.7	90.7	95.8	96.3	95.2	91.1
16.	NPC (MW)	430.0	430.0	430.0	430.0	430.0	430.0	430.0

19.	ANOHR Equation	10^6 / AKW * [529.60 * JAN * 181.90 * MAR * 57.91 * APR * 124.94 * MAY] + 6,970 + 0.00445 * LSRF / AKW

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1994 - March 1995

	DANIEL 2	Oct '94	Nov '94	Dec '94	Jan '95	Feb '95	Mar '95	Total
1.	EAF (%)	97.0	97.1	96.6	97.0	90.2	90.9	94.8
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	EUDF (%)	3.0	2.9	3.6	3.0	9.8	9.1	5.2
4.	EUOR (%)	3.0	2.9	3.6	3.0	9.8	9.1	5.2
5.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
6.	SH	723.0	699.0	722.0	722.0	606.0	676.0	4148.0
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	22.0	21.0	22.0	22.0	66.0	68.0	221.0
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	FOH & EFOH	22.0	21.0	27.0	22.0	18.0	20.0	130.0
11.	MOH & EMOH	0.0	0.0	0.0	0.0	48.0	48.0	96.0
12.	Oper MBtu	2704281.0	2828961.0	2892814.0	3001896.0	2529351.0	2793774.0	16751077.0
13.	Net Gen (MWH)	270970.0	285120.0	291350.0	303130.0	255490.0	282000.0	1688060.0
14.	ANOHR (Btu/KWH)	9980.0	9922.0	9929.0	9903.0	9900.0	9907.0	9923.0
15.	NOF %	87.2	94.9	93.8	97.6	98.0	97.0	94.6
16.	NPC (MW)	430.0	430.0	430.0	430.0	430.0	430.0	430.0

19.	ANOHR Equation	10^6 / AOH * [268.25 + 43.09 * JUN + 66.40 * SEP] + 9.264

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Planned Outage Schedules (Estimated)

Gulf Power Company

Period of: October 1994 - March 1995

Plant & Unit	Planned Outage Dates	Reason for Outage
Crist 6	10/29/94 - 11/13/94	Semi-annual general boiler maintenance and inspection.
Crist 7	10/08/94 - 10/23/94	Semi-annual general boiler maintenance and inspection.
Smith 1	11/26/94 - 12/11/94	Semi-annual general boiler maintenance and inspection.
Smith 2	10/15/94 - 10/30/94	Semi-annual general boiler maintenance and inspection.
Smith 2	03/25/95 - 04/09/95	Semi-annual general boiler maintenance and inspection.

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Notes Regarding Estimated Planned Outage Schedules

Gulf Power Company

Period of: October 1994 - March 1995

It is important to understand that estimated dates for planned outages and their bar chart schedules are frequently changed in timing and work scope due to system conditions, findings of inspections, subcontractor requirements, material availability and so on.

Please note that in addition to the outages scheduled for the target period of October 1994 - March 1995, the outages shown below are currently planned and could be rescheduled for the target period.

Plant & Unit	Planned Outage Dates	Reason for Outage
Crist 6	05/13/95 - 05/28/95	Semi-annual general boiler maintenance and inspection.
Crist 7	04/15/95 - 04/30/95	Semi-annual general boiler maintenance and inspection.
Smith 1	04/15/95 - 04/30/95	Semi-annual general boiler maintenance and inspection.

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AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 940001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist of Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 22 day of June, 1994.

Notary Public, State of Florida at Large
PAUL H. ROBERTS
Commission Number: CC 036537
Commission Expires: 9/12/1994