

M E M O R A N D U M

January 8, 1996

TO: _____ DIVISION OF APPEALS
_____ DIVISION OF AUDITING AND FINANCIAL ANALYSIS
_____ DIVISION OF COMMUNICATIONS
XX _____ DIVISION OF ELECTRIC AND GAS
_____ DIVISION OF RESEARCH
_____ DIVISION OF WATER AND WASTEWATER
_____ DIVISION OF LEGAL SERVICES

FROM: DIVISION OF RECORDS AND REPORTING (WILLIAMS)

RE: CONFIDENTIALITY OF CERTAIN INFORMATION

DOCUMENT NO: **00256-96**

DESCRIPTION: Exhibit DL-5 from Direct Testimony of
Darol Lindloff

SOURCE: PANDA-KATHLEEN, L.P./PANDA ENERGY CORP.

DOCKET NO.: **950110-EI**

The above material was received with a request for confidentiality (attached). Please prepare a recommendation for the attorney assigned to the case by completing the section below and forwarding a copy of this memorandum, together with a brief memorandum supporting your recommendation, to the attorney. Copies of your recommendation should also be provided to the Division of Records and Reporting and to the Division of Appeals.

Please read each of the following and check if applicable.

_____ The document(s) is (are), in fact, what the utility asserts it (them) to be.

**ORIGINAL
FILE COPY**

**FPSC DOCKET NO. 950110-EI
EXHIBIT NO. _____ DL-5**

DOCUMENT NUMBER-DATE

00256 JAN-88

MEMORANDUM

DATE: January 10, 1995
TO: Kyle Woodruff
cc: T. Hollon, D. Mayer, G. Pargac, C. Campos, R. Killian
FROM: Darol Lindloff
SUBJECT: Issues Covered In 1/6/95 Meeting With FPC

Attendees: FPC - Alan Howey^N
- Pete O'Neil
Panda- Gerald Pargac
- Darol Lindloff

1. Provided us with new As Available Energy Payment Forecast. We need to compare to ICF Study and run in our model. Alan will be forwarding an hour by hour Actual As Available Energy Values.
2. Alan hit us with the idea that recent interpretation of Article 9.1 of the Contract means that 90% capacity factor during on-peak hours means that the numerator of that equation is made up of energy produced during the period, not unit availability.

We should study this - I feel it can be challenged.

From this, Alan concluded that in order to satisfy the capacity factor commitment, we would have to run when (a) they didn't need us and (b) we would loose money.

(As is turned out he was using this for bait to get us to sign a Voluntary Curtailment Agreement so he could "schedule out for maintenance" some of these bad periods).

Question: By Contract, does the kw/hours sold above 74.9 add to our capacity factor calculation?

Lets run the numbers and see just what hours we are talking about.

3. We gave them copies of the Barrett Johnson & PSC letters clearing us to put in the ABB 11N, at 115MW - It does not appear that this will be a problem.

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DAROL LINDLOFF
Exhibit No. DL-5
Sheet 1 of 6

SPECIALLY
RESTRICTED
PK 036684

PRCND: PFD40461
01/03/95

**** FORECASTED "AS AVAILABLE" ENERGY PAYMENTS ****
BASED ON SYSTEM MARGINAL COST (\$/MWH)
(OFF-PEAK HOURS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG.
1994	16.88	15.31	16.15	18.65	18.60	17.69	17.56	17.76	17.40	15.96	16.88	16.86	16.98
1995	15.98	17.37	18.69	15.86	16.22	16.97	17.63	17.80	17.43	16.21	18.84	16.78	17.14
1996	16.51	16.62	17.00	18.07	18.80	17.53	18.48	18.72	18.25	16.78	20.23	18.55	17.96
1997	17.19	17.80	19.94	18.70	18.03	18.43	19.62	19.93	19.37	17.04	17.81	18.48	18.53
1998	17.99	18.38	18.84	22.60	21.18	21.23	21.42	19.92	19.51	17.73	19.11	18.20	19.68
1999	18.18	18.90	18.15	17.80	18.26	19.52	21.10	21.39	20.74	18.04	18.91	19.15	19.17
2000	19.55	20.06	21.48	30.52	19.87	22.41	25.10	25.84	24.36	20.18	19.62	18.60	22.30
2001	18.73	20.84	19.28	19.55	19.26	21.66	24.35	25.04	23.57	21.95	21.37	17.65	21.04
2002	17.68	19.81	18.57	22.07	19.69	21.24	23.62	24.55	23.13	20.75	19.20	16.86	20.60
2003	17.76	19.81	18.52	19.53	19.37	21.38	23.29	24.27	22.85	20.50	20.91	18.09	20.52
2004	18.70	20.40	20.71	23.19	21.00	22.91	25.99	27.05	26.35	24.32	25.08	20.82	23.04

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**SPECIALLY
 RESTRICTED
 PK 036686**

PROMO: PM940461
01/03/95

**** FORECASTED "AS AVAILABLE" ENERGY PAYMENTS ****
BASED ON SYSTEM MARGINAL COST (\$/MWH)
(ON-PEAK HOURS)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG.
1994	18.62	19.64	19.83	35.18	40.73	32.89	31.32	33.09	32.08	25.49	21.49	22.38	27.73
1995	20.76	23.23	23.23	23.32	24.85	28.83	31.42	32.49	30.70	25.98	23.50	22.17	25.88
1996	21.19	21.66	20.84	26.61	44.15	32.89	39.22	40.53	36.11	25.69	25.32	23.94	29.85
1997	22.84	24.77	25.76	31.04	41.91	38.89	45.85	46.83	41.72	29.89	22.56	25.12	32.92
1998	24.16	25.27	24.17	35.40	48.03	49.08	53.18	44.22	39.25	27.22	24.27	23.43	34.81
1999	23.34	25.61	22.08	27.57	37.06	40.34	50.83	52.02	44.94	28.07	23.61	25.49	33.41
2000	25.77	27.74	27.74	56.28	39.87	52.17	62.59	63.64	59.05	40.08	26.44	25.30	42.22
2001	26.06	28.89	25.20	33.00	35.45	51.63	63.00	63.99	58.45	42.41	28.70	24.75	40.13
2002	24.60	28.33	25.81	48.78	39.85	51.06	63.18	64.13	57.55	38.85	25.26	22.84	40.79
2003	23.91	27.70	24.00	34.38	35.06	50.66	64.11	65.43	58.21	39.77	27.75	25.05	39.67
2004	26.27	28.09	28.57	43.73	41.72	57.56	70.04	71.58	69.01	53.33	34.31	30.73	46.23

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SPECIALLY
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 PK 036687

ANNUAL MARGINAL COST * PW-940661

YEAR	MARGCOST
1994	21.9070
1995	21.1443
1996	23.4086
1997	25.1221
1998	26.6182
1999	25.6990
2000	31.4300
2001	29.7870
2002	29.8506
2003	29.2981
2004	33.6695

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SPECIALLY
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PK 036688

1994-1995 COGENERATION

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DAROL LINDLOFF
Exhibit No. DL-5
Sheet 6 of 6

771 PRICING
357 OCL
797 N840
1101 CURTAIN

December 1994

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

January 1995

S	M	T	W	T	F	S
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15	16	17	18	19	20	21
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29	30	31				

February 1995

S	M	T	W	T	F	S
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March 1995

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April 1995

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23	24	25	26	27	28	29
30						

May 1995

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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

December

12 Order on Procedure-1101

January

5 Oral Argument on Motion to Dismiss-357, 771, 797
10 Oral Argument Transcripts Due-357, 771, 797
18 Testimony-Petitioner, 1101
19 Staff Recommendation-357, 771, 797
31 Agenda-357, 771, 797

February

6 Order on Procedure-357
10 Order on Procedure-797
15 Testimony-Staff and Intervenor, 1101
16 Testimony-Petitioner, 797
20 Standard Order-357, 771, 797
28 Notice of Prehearing and Hearing-1101

March

1 Order on Procedure-771
Testimony-Respondent, 1101
9 Testimony-Staff & Intervenor, 797
15 Issue Identification-1101
16 Testimony-Petitioner, 357
23 Testimony-Respondent, 797
30 Issue Identification-797
31 Prehearing Statements-1101

April

7 Testimony-Staff and Respondent, 357
FAW Notice Published-1101
11 Notice of Prehearing & Hearing-797
13 Prehearing Statements-797
20 Prehearing-1101
22 FAW Notice Published-797
Testimony-Respondent, 357
24 Testimony-Petitioner, 771
26 Issue Identification-357

May

3 Prehearing Order-1101
4 Prehearing-797
8 Hearing-1101
9 Hearing-1101
11 Prehearing Order-797
13 Hearing-797
22 Testimony-Staff and Intervenor, 771
23 Notice of Prehearing & Hearing-317
Transcripts Due-1101
31 Transcripts Due-797

June

2 Prehearing Statements-357
FAW Notice Published-357
5 Testimony-Respondent, 771
6 Issue Identification-771
15 Prehearing-357
Brick Due-1101
22 Prehearing Order-357
26 Hearing-357
27 Notice of Prehearing and Hearing-771
28 Brick Due-797
Prehearing Statements-771

July

6 Staff Recommendation-1101
7 FAW Notice Published-771
10 Transcripts Due-357
16 Agenda-1101
20 Staff Recommendation-797
Prehearing-771
31 Brick Due-357

August

1 Agenda-797
7 Standard Order-1101
10 Prehearing Order-771
16 Hearing-771
17 Hearing-771
Staff Recommendation-357
18 Hearing-771
21 Standard Order-797
29 Agenda-357
30 Transcripts Due-771

September

7 Case Docket or Revise CASR-1101
10 Standard Order-357
21 Case Docket or Revise CASR-797
Brick Due-771

October

18 Case Docket or Revise CASR-357
19 Staff Recommendation-771
31 Agenda-771

November

20 Standard Order-771

June 1995

S	M	T	W	T	F	S
				1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
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July 1995

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30	31					

August 1995

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18	19	20	21	22	23	24
25	26	27	28	29	30	31

September 1995

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30	31					

October 1995

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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November 1995

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				1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
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