

020262-ET
020263-ET

Appendix C-4 Output

01133

DOCUMENT NUMBER-DATE

03360 MAR 22 8

FPSC-COMMISSION CLERK

EEEEEEEE	GGGGGG	EEEEEEEE	AAAAAA	SSSSSS
EEEEEEEE	GGGGGGGG	EEEEEEEE	AAAAAAAA	SSSSSSSS
EE	GG GG	EE	AA AA	SS
EEEEEEEE	GG	EEEEEEEE	AAAAAAAA	SSSSSSS
EEEEEEEE	GG GGG	EEEEEEEE	AAAAAAAA	SSSSSSS
EE	GG GG	EE	AA AA	SS
EEEEEEEE	GGGGGGGG	EEEEEEEE	AA AA	SSSSSSSS
EEEEEEEE	GGGGGG	EEEEEEEE	AA AA	SSSSSS

ELECTRIC GENERATION EXPANSION ANALYSIS SYSTEM

REPORT PROGRAM

**
** 2001 IRP EGEAS REPORT
**
**

RPI 1529

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

1ELECTRIC POWER RESEARCH INSTITUTE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32

CONTROL REPORT

PAGE 1

REPORT FILE OPTION 0 - STANDARD

FILE OPTIONS

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

REPORT OPTIONS

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

INPUT FILES	NAME	VERSION	UPDATE	RUN	CREATION DATE	CREATION TIME	DESCRIPTION	EGEAS VERS.
EGEAS DATA BASE	FPL	0	0		2/11/ 2	16:58:12	IRP-2001 BASE CASE	732
EXPANSION PLAN	FPL	0	0	1	2/11/ 2	16:58:15	IRP-2001 RFP BASE CASE	732
UNIT REPORT	FPL	0	0	1	2/11/ 2	16:58:15	IRP-2001 RFP BASE CASE	732
UNIT CAPITAL COST REPORT	FPL	0	0	1	2/11/ 2	16:58:15	IRP-2001 RFP BASE CASE	732

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01135

RECORD DESCRIPTION	REC. C	REF. TYPE	SEQ. NO.	DATA FIELDS								ASSIGNED REC. NO.		
RECORD COLS	1	2	3	4	5	6	7	8						
1 2345 678 90	1	2345	678	90	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890		
** COMMENT **	*	**											1	
	*	**	200	1	IRP	EGEAS	REPORT						2	
	*	**											3	
	*	**											4	
	*	**											5	
	*	**											6	
	*	**	2345	678	90	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	7	
	*	**											8	
	*	**											9	
	*	RCC	CO		NTROL	RECORD							10	
	*												11	
	*				S	U	C	C	M	E	S	F	12	
	*				U	N	A	T	I	R	E	I	13	
	*				B	T	P	L	R	R	L	L	14	
	*				-	+	-	+	-	+	-	+	15	
CONTROL RECORD		RCC			0	1	1	1	1	3	1	0	IRP01 EGEAS BASECASE	16
** COMMENT **	*												17	
	*	RFF	IN		PUT	FILES							18	
	*												19	
	*				NAME	V	U	R	U	N			20	
	*				-----	++	-----	++++					21	
FILE IDENTIFICATION		RFF			FPL	0000	1						22	
** COMMENT **	*												23	
	*												24	
	*	RRA	PL		AN	SELECTION							25	
	*												26	
	*				PLANS	C	O	C	E	M			27	
	*				DR	1	L	P	M	S	N	O	28	
	*				-----	+	-	+	-	+	-----		29	
PLAN SELECTION		RRA			1	1	1	0	1			1	30	
** COMMENT **	*	RRA			1	1	1	1	1			1	31	
	*												32	

```

* -----
* RRB   TI   ME PERIODS
* -----
*           --YEARS-- -SG- -SW-
*           1ST LAST 1 L 1 L
*           ----  +---+  -+ +
*
TIME PERIOD      RRB           2001 2030  112 1 3

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33
34
35
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RECORD COLS      1           2           3           4           5           6           7           8
1 2345 678 90    12345678901234567890123456789012345678901234567890123456789012 34567890
1ELECTRIC POWER RESEARCH INSTITUTE                    IRP01 EGEAS BASECASE                      2/11/ 2    20:36:37

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

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RECORD DESCRIPTION	REC. C	REF TYPE	SEQ NO.	DATA FIELDS								ASSIGNED REC. NO.
--------------------	--------	----------	---------	-------------	--	--	--	--	--	--	--	-------------------

```

RECORD COLS      1           2           3           4           5           6           7           8
1 2345 678 90    12345678901234567890123456789012345678901234567890123456789012 34567890

```

** COMMENT **

```

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

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

```

** COMMENT **

```

. UNIT  EM IS  SION REPORT OPTION IS TURNED ON
. RRC   3 2 11112 31 1       0           1 1           311
. RRC   3 2 1 112 31       0           1 1           311
. FULL  OU TP  UT
. RRC   3 2 1 12 31       0           1 1           311
. FUEL  AN D   RELIABILITY REPORTS
. RRC   3 2 111 31           11
. EMIS  SIO N  REPORTS
. RRC   3 1       1 3           1
. CAPA  CIT IE  S AND RESERVE MARGIN REPORTS
. RRC   3 2 1       31 1
. CAPI  TAL A   ND REVENUE REQUIREMENT REPORTS
. RRC   3 2           31           311

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51
52
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58
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60
61
62

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

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RECORD COLS 1 2 3 4 5 6 7 8
1ELECTRIC POWER RESEARCH INSTITUTE 1234567890123456789012345678901234567890123456789012345678901234567890 2/11/ 2 20:36:37

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EGEAS REPORT VERSION 7.32 ERROR REPORT PAGE 4
*****

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ASSIGNED REC. 1 2 3 4 5 6 7 8
REC. NO. COLS 1 2345 678 90 1234567890123456789012345678901234567890123456789012345678901234567890
30 RRA 1 1 1 0 1 1
DEFAULT R1120 COLS. 26-26 (COST SCALE OPTION ) MISSING, USED DEFAULT VALUE OF 0
DEFAULT R1120 COLS. 28-28 (ENERGY SCALE OPTION ) MISSING, USED DEFAULT VALUE OF 0
DEFAULT R1120 COLS. 30-30 (MONTHLY OUTPUT OPT. ) MISSING, USED DEFAULT VALUE OF 0

```

```

ASSIGNED REC. 1 2 3 4 5 6 7 8
REC. NO. COLS 1 2345 678 90 1234567890123456789012345678901234567890123456789012345678901234567890
49 RRC 3 2 11112 11 1 0 1 1 1 311
--- WARNING R2130 COLS. 12-12 (SYS. DISPATCH OPTION) MUST BE 1 BECAUSE ECONOMY INTERCHANGE NOT MODELED
1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

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EGEAS REPORT VERSION 7.32 DIAGNOSTIC SUMMARY PAGE 5
*****

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*****
*****
**
**
**          DIAGNOSTIC SUMMARY          **
**
**          TERMINAL ERRORS             0          **
**          FATAL ERRORS                0          **
**          WARNING MESSAGES            1          **
**          DEFAULTS                     3          **
**
**          HIGHEST ERROR LEVEL FOUND IS WARNING **
**
**          REPORT PROGRAM INPUT SUCCEEDED      **
**
**
**
```


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EGEAS REPORT VERSION 7.32

SELECTED REPORTS

PAGE 6

RRA EXPANSION PLAN DIRECTORY = 1 - YES
FIRST EXPANSION PLAN = 1
LAST EXPANSION PLAN = 1
COST SCALING OPTION = 0 - 1.000 M\$
ENERGY SCALING OPTION = 0 - 1.000 GWH
MONTHLY OUTPUT OPTION = 0 - NO
CAPACITY OPTION = 0 - RATED
FIXED O+M OPTION = 1 - SEPARATE ITEM IN PRODUCTION COST
SYSTEMS INCLUDED IN INTERCONNECTED SYSTEM REPORTS
1
RRB FIRST YEAR = 2001 FIRST SEGMENT = 1 FIRST SUBWEEK = 1
LAST YEAR = 2030 LAST SEGMENT = 12 LAST SUBWEEK = 3
RRC SYSTEM/DISPATCH OPTION = 3 - SYSTEM A, POOL DISPATCH
EXPANSION PLAN SUMMARY = 2 - YES, WITH RESERVE CAPACITY
PRODUCTION COST REPORTS
SYSTEM = 1 - ANNUAL
SERVICE AREAS = 1 - ANNUAL
FUEL CLASSES = 1 - ANNUAL
UNITS = 1 - ANNUAL
DETAILED COSTS BY UNITS = 0 - NO
UNIT ORDER OPTION = 2 - LOADING ORDER
LOADING BLOCK OPTION = 0 - UNIT
RELIABILITY REPORTS
RELIABILITY = 1 - ANNUAL
RESERVE = 1 - ANNUAL
MAINTENANCE SCHEDULE REPORTS
SYSTEM = 0 - NO
UNITS = 1 - YES
FUEL USAGE REPORTS
SYSTEM = 1 - ANNUAL
UNITS = 0 - NO
ENVIRONMENTAL REPORTS
SYSTEM EMISSIONS = 1 - ANNUAL
SITE EMISSIONS = 0 - NO
UNIT EMISSIONS = 1 - ANNUAL

01140

COST ANALYSIS REPORTS

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

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 EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 7

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

TOTAL COST, M\$

01141

--W/O EXT. 40966.
 --WITH EXT. 40966.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

 EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 8

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

01142

 TOTAL COST, M\$
 --W/O EXT. 41001.
 --WITH EXT. 41001.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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 EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 9

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

TOTAL COST, M\$
 --W/O EXT. 41004.
 --WITH EXT. 41004.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 10

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

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 11

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

01144

2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

01145

2027 0
 2028 0
 2029 0
 2030 0

 TOTAL COST, M\$
 --W/O EXT. 41017.
 --WITH EXT. 41017.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

 EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 12

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

01146

TOTAL COST, M\$
 --W/O EXT. 41038.
 --WITH EXT. 41038.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

 EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 13

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

01147

TOTAL COST, M\$
 --W/O EXT. 41045.
 --WITH EXT. 41045.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

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

TOTAL COST, M\$

--W/O EXT. 41048.

--WITH EXT. 41048.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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

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

TOTAL COST, M\$

--W/O EXT. 41050.

--WITH EXT. 41050.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 16

PLAN NEW UNITS ADDED

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

01149

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

TOTAL COST, M\$

--W/O EXT. 41052.

--WITH EXT. 41052.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 17

PLAN NEW UNITS ADDED

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

01150

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 18

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

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

 TOTAL COST, M\$
 --W/O EXT. 41083.
 --WITH EXT. 41083.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

PLAN NEW UNITS ADDED

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

TOTAL COST, M\$

--W/O EXT. 41088.

--WITH EXT. 41088.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 21

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41090.
--WITH EXT. 41090.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 22

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

01155

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

TOTAL COST, M\$
--W/O EXT. 41093.
--WITH EXT. 41093.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 23

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

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

TOTAL COST, M\$
--W/O EXT. 41117.
--WITH EXT. 41117.

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

TOTAL COST, M\$

--W/O EXT. 41123.

--WITH EXT. 41123.

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

TOTAL COST, M\$
--W/O EXT. 41128.
--WITH EXT. 41128.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

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

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 28

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

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

TOTAL COST, M\$

--W/O EXT. 41130.

--WITH EXT. 41130.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 29

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$

--W/O EXT. 41131.

--WITH EXT. 41131.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 30

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

TOTAL COST, M\$
--W/O EXT. 41133.
--WITH EXT. 41133.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 31

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$

--W/O EXT. 41137.
 --WITH EXT. 41137.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 32

PLAN NEW UNITS ADDED

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

01165

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

TOTAL COST, M\$
--W/O EXT. 41138.
--WITH EXT. 41138.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 33

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$

--W/O EXT. 41138.
--WITH EXT. 41138.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 34

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

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

TOTAL COST, M\$
--W/O EXT. 41142.
--WITH EXT. 41142.

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 35

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

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

TOTAL COST, M\$
--W/O EXT. 41148.
--WITH EXT. 41148.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 37

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

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

TOTAL COST, M\$

--W/O EXT. 41151.

--WITH EXT. 41151.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 38

PLAN NEW UNITS ADDED

32 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

01172

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

TOTAL COST, M\$

--W/O EXT. 41161.

--WITH EXT. 41161.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

01173

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

TOTAL COST, M\$

--W/O EXT. 41162.

--WITH EXT. 41162.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

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

TOTAL COST, M\$

--W/O EXT. 41164.

--WITH EXT. 41164.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

TOTAL COST, M\$

--W/O EXT. 41167.

--WITH EXT. 41167.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41168.
--WITH EXT. 41168.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 44

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

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

TOTAL COST, M\$

--W/O EXT. 41168.

--WITH EXT. 41168.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 45

PLAN NEW UNITS ADDED

39	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

TOTAL COST, M\$

--W/O EXT. 41168.

--WITH EXT. 41168.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 46

PLAN NEW UNITS ADDED

40 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2005	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$
 --W/O EXT. 41169.
 --WITH EXT. 41169.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

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

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

TOTAL COST, M\$
--W/O EXT. 41172.
--WITH EXT. 41172.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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

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

TOTAL COST, M\$

--W/O EXT. 41177.

--WITH EXT. 41177.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41178.
--WITH EXT. 41178.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

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

TOTAL COST, M\$
--W/O EXT. 41179.
--WITH EXT. 41179.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

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PLAN	NEW UNITS ADDED																													
46	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

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

TOTAL COST, M\$

--W/O EXT. 41179.

--WITH EXT. 41179.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

TOTAL COST, M\$

--W/O EXT. 41189.

--WITH EXT. 41189.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

49	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

TOTAL COST, M\$
--W/O EXT. 41202.
--WITH EXT. 41202.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

01188

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

TOTAL COST, M\$

--W/O EXT. 41204.
 --WITH EXT. 41204.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 57

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$

--W/O EXT. 41205.
--WITH EXT. 41205.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$

--W/O EXT. 41205.

--WITH EXT. 41205.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

TOTAL COST, M\$

--W/O EXT. 41206.

--WITH EXT. 41206.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 61

PLAN NEW UNITS ADDED

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

01193

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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 62

PLAN NEW UNITS ADDED

56	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

TOTAL COST, M\$

--W/O EXT. 41207.

--WITH EXT. 41207.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 63

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41209.
--WITH EXT. 41209.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 64

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

2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$
--W/O EXT. 41209.
--WITH EXT. 41209.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 65

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

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

TOTAL COST, M\$
--W/O EXT. 41212.
--WITH EXT. 41212.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

TOTAL COST, M\$

--W/O EXT. 41215.

--WITH EXT. 41215.

1ELECTRIC POWER RESEARCH INSTITUTE

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EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41215.
--WITH EXT. 41215.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$

--W/O EXT. 41217.

--WITH EXT. 41217.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

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

TOTAL COST, M\$

--W/O EXT. 41217.

--WITH EXT. 41217.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

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

TOTAL COST, M\$

--W/O EXT. 41218.

--WITH EXT. 41218.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 71

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$

--W/O EXT. 41218.

--WITH EXT. 41218.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 72

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

TOTAL COST, M\$
--W/O EXT. 41223.
--WITH EXT. 41223.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 73

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41224.
--WITH EXT. 41224.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 74

PLAN	NEW UNITS ADDED																													
68	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

TOTAL COST, M\$
--W/O EXT. 41229.
--WITH EXT. 41229.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 75

PLAN NEW UNITS ADDED

69	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

TOTAL COST, M\$
--W/O EXT. 41236.
--WITH EXT. 41236.

IELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 76

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

01208

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

TOTAL COST, M\$

--W/O EXT. 41236.

--WITH EXT. 41236.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

01209

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

TOTAL COST, M\$

--W/O EXT. 41242.

--WITH EXT. 41242.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

TOTAL COST, M\$
--W/O EXT. 41244.
--WITH EXT. 41244.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 79

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

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

TOTAL COST, M\$
--W/O EXT. 41247.
--WITH EXT. 41247.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 80

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

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

TOTAL COST, M\$
--W/O EXT. 41249.
--WITH EXT. 41249.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 81

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

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

TOTAL COST, M\$

--W/O EXT. 41249.

--WITH EXT. 41249.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 82

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

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

TOTAL COST, M\$
--W/O EXT. 41249.
--WITH EXT. 41249.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 83

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

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

TOTAL COST, M\$

--W/O EXT. 41250.

--WITH EXT. 41250.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 84

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

TOTAL COST, M\$
--W/O EXT. 41250.
--WITH EXT. 41250.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 85

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

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

TOTAL COST, M\$
--W/O EXT. 41252.
--WITH EXT. 41252.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 86

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

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

TOTAL COST, M\$
--W/O EXT. 41253.
--WITH EXT. 41253.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 87

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

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

TOTAL COST, M\$
--W/O EXT. 41262.
--WITH EXT. 41262.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 88

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

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

TOTAL COST, M\$
--W/O EXT. 41262.
--WITH EXT. 41262.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 89

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

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

TOTAL COST, M\$
--W/O EXT. 41268.
--WITH EXT. 41268.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 90

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

TOTAL COST, M\$
--W/O EXT. 41269.
--WITH EXT. 41269.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 91

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

01223

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

TOTAL COST, M\$
--W/O EXT. 41271.
--WITH EXT. 41271.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 92

PLAN	NEW UNITS ADDED																													
86	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

01224

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

TOTAL COST, M\$
--W/O EXT. 41273.
--WITH EXT. 41273.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 93

PLAN	NEW UNITS ADDED																													
87	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

TOTAL COST, M\$

--W/O EXT. 41276.

--WITH EXT. 41276.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

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

TOTAL COST, M\$

--W/O EXT. 41278.

--WITH EXT. 41278.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41280.
--WITH EXT. 41280.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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

TOTAL COST, M\$
--W/O EXT. 41280.
--WITH EXT. 41280.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 97

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

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

TOTAL COST, M\$
--W/O EXT. 41285.
--WITH EXT. 41285.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 98

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

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

TOTAL COST, M\$
--W/O EXT. 41287.
--WITH EXT. 41287.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 99

PLAN	NEW UNITS ADDED																													
93	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL COST, M\$

--W/O EXT. 41289.
--WITH EXT. 41289.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 100

PLAN NEW UNITS ADDED

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

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

TOTAL COST, M\$
--W/O EXT. 41297.
--WITH EXT. 41297.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 101

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

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

TOTAL COST, M\$

--W/O EXT. 41309.

--WITH EXT. 41309.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

20:36:37

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 102

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

TOTAL COST, M\$

--W/O EXT. 41313.

--WITH EXT. 41313.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 103

PLAN NEW UNITS ADDED

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

01235

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

TOTAL COST, M\$
--W/O EXT. 41313.
--WITH EXT. 41313.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 104

PLAN	NEW UNITS ADDED																													
98	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

01236

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

TOTAL COST, M\$

--W/O EXT. 41314.

--WITH EXT. 41314.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/11/ 2

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 105

PLAN NEW UNITS ADDED

99	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

2001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

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

TOTAL COST, M\$
--W/O EXT. 41314.
--WITH EXT. 41314.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 106

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

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

TOTAL COST, M\$
--W/O EXT. 41315.
--WITH EXT. 41315.

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 19&58	478.200 MW	5 PA 5 FC 19&58 DF	47.300 MW	6 PA 6 FC 19&58	478.200 MW
7 PA 7 FC 19&58 DF	47.300 MW	8 PA 8 FC 38&49	150.000 MW	9 PA 9 FC 38&49	150.000 MW
10 PA 10 FC 39&72	300.000 MW	11 PA 11 FC 39&72	300.000 MW	12 PA 12 FC 11&48	150.000 MW
13 PA 13 FC 11&48	150.000 MW	14 PA 14 FC 8&17&22&62-4	758.000 MW	15 PA 15 FC 8 DF	53.000 MW
16 PA 16 MR EXPAN 4x1	984.000 MW	17 PA 17 MR EXPAN 4x1 DF	96.000 MW	18 PA 18 MR EXPAN 4x1 PF	27.000 MW
19 PA 19 CC-(GREENFIELD)	1107.000 MW	20 PA 20 CT	159.000 MW		

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

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PLAN 1

NUMBER OF NEW UNITS ADDED

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

2005	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 19&58	478.200 MW	5 PA 5 FC 19&58 DF	47.300 MW	6 PA 6 FC 19&58	478.200 MW
7 PA 7 FC 19&58 DF	47.300 MW	8 PA 8 FC 38&49	150.000 MW	9 PA 9 FC 38&49	150.000 MW
10 PA 10 FC 39&72	300.000 MW	11 PA 11 FC 39&72	300.000 MW	12 PA 12 FC 11&48	150.000 MW
13 PA 13 FC 11&48	150.000 MW	14 PA 14 FC 8&17&22&62-4	758.000 MW	15 PA 15 FC 8 DF	53.000 MW
16 PA 16 MR EXPAN 4x1	984.000 MW	17 PA 17 MR EXPAN 4x1 DF	96.000 MW	18 PA 18 MR EXPAN 4x1 PF	27.000 MW
19 PA 19 CC-(GREENFIELD)	1107.000 MW	20 PA 20 CT	159.000 MW		

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EXPANSION PLAN SUMMARY

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PLAN 1

NUMBER OF NEW UNITS ADDED

YEAR	11	12	13	14	15	16	17	18	19	20
2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00

2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	7.00	4.00	

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 19&58	478.200 MW	5 PA 5 FC 19&58 DF	47.300 MW	6 PA 6 FC 19&58	478.200 MW
7 PA 7 FC 19&58 DF	47.300 MW	8 PA 8 FC 38&49	150.000 MW	9 PA 9 FC 38&49	150.000 MW
10 PA 10 FC 39&72	300.000 MW	11 PA 11 FC 39&72	300.000 MW	12 PA 12 FC 11&48	150.000 MW
13 PA 13 FC 11&48	150.000 MW	14 PA 14 FC 8&17&22&62-4	758.000 MW	15 PA 15 FC 8 DF	53.000 MW
16 PA 16 MR EXPAN 4x1	984.000 MW	17 PA 17 MR EXPAN 4x1 DF	96.000 MW	18 PA 18 MR EXPAN 4x1 PF	27.000 MW
19 PA 19 CC-(GREENFIELD)	1107.000 MW	20 PA 20 CT	159.000 MW		

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EXPANSION PLAN SUMMARY

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PLAN 1

NEW CAPACITY ADDED, MW

YEAR	1	2	3	4	5	6	7	8	9	10
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	0.000	465.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2006	0.000	0.000	0.000	0.000	0.000	478.200	47.300	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000	0.000
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2214.000	0.000	0.000
2011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000	0.000
2013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000	0.000
2016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1107.000	0.000	0.000
2018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	159.000
2020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	477.000
2021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	0.000	0.000	0.000	0.000	984.000	96.000	27.000	7749.000	636.000	

UNIT TYPES

1 PA 1 FC 27	1200.000 MW	2 PA 2 FC 3&65	465.000 MW	3 PA 3 FC 3&65	465.000 MW
4 PA 4 FC 19&58	478.200 MW	5 PA 5 FC 19&58 DF	47.300 MW	6 PA 6 FC 19&58	478.200 MW
7 PA 7 FC 19&58 DF	47.300 MW	8 PA 8 FC 38&49	150.000 MW	9 PA 9 FC 38&49	150.000 MW
10 PA 10 FC 39&72	300.000 MW	11 PA 11 FC 39&72	300.000 MW	12 PA 12 FC 11&48	150.000 MW
13 PA 13 FC 11&48	150.000 MW	14 PA 14 FC 8&17&22&62-4	758.000 MW	15 PA 15 FC 8 DF	53.000 MW
16 PA 16 MR EXPAN 4x1	984.000 MW	17 PA 17 MR EXPAN 4x1 DF	96.000 MW	18 PA 18 MR EXPAN 4x1 PF	27.000 MW
19 PA 19 CC-(GREENFIELD)	1107.000 MW	20 PA 20 CT	159.000 MW		

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EXPANSION PLAN SUMMARY

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PLAN 1

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

2003	19765.0	104414.	1177.0	0.0	85.5	24186.6	23976.6	23.05	0.0000	0.	0.
2004	20226.0	108042.	0.0	0.0	79.0	24265.6	24055.6	20.53	0.0000	0.	0.
2005	20719.0	111772.	1572.0	598.0	-367.0	24872.6	24662.6	20.68	0.0000	432.	0.
2006	21186.0	115602.	525.5	133.0	79.0	25344.1	25134.1	20.29	0.0000	0.	0.
2007	21556.0	118157.	1107.0	447.0	78.0	26082.1	25872.1	21.85	0.0000	629.	0.
2008	21870.0	120549.	0.0	0.0	79.0	26161.1	25951.1	20.42	0.0000	0.	0.
2009	22271.0	122922.	1107.0	576.1	76.0	26768.0	26558.0	21.11	0.0000	650.	0.
2010	22687.0	125448.	2214.0	971.5	23.0	28033.5	27823.5	24.81	0.0000	1322.	0.
2011	23106.0	127512.	0.0	45.0	2.0	27990.5	27780.5	22.13	0.0000	0.	0.
2012	23495.0	128965.	1107.0	0.0	0.0	29097.5	28887.5	25.07	0.0000	684.	0.
2013	23887.0	130434.	0.0	0.0	0.0	29097.5	28887.5	22.83	0.0000	0.	0.
2014	24294.0	132014.	0.0	0.0	0.0	29097.5	28887.5	20.59	0.0000	0.	0.
2015	24696.0	133571.	1107.0	0.0	0.0	30204.5	29994.5	23.33	0.0000	719.	0.
2016	25110.0	135223.	0.0	0.0	0.0	30204.5	29994.5	21.12	0.0000	0.	0.
2017	25489.0	136989.	1107.0	0.0	0.0	31311.5	31101.5	23.88	0.0000	744.	0.
2018	25890.0	138629.	0.0	0.0	0.0	31311.5	31101.5	21.80	0.0000	0.	0.
2019	26267.0	140153.	159.0	0.0	0.0	31470.5	31260.5	20.57	0.0000	110.	0.
2020	26680.0	141533.	477.0	0.0	0.0	31947.5	31737.5	20.48	0.0000	334.	0.
2021	27100.0	142926.	0.0	0.0	0.0	31947.5	31737.5	18.47	0.0000	0.	0.
2022	27100.0	142926.	0.0	382.0	0.0	31565.5	31355.5	16.95	0.0000	0.	0.
2023	27100.0	142926.	0.0	0.0	0.0	31565.5	31355.5	16.95	0.0000	0.	0.
2024	27100.0	142926.	0.0	0.0	0.0	31565.5	31355.5	16.95	0.0000	0.	0.
2025	27100.0	142926.	0.0	250.0	0.0	31315.5	31105.5	15.95	0.0000	0.	0.
2026	27100.0	142926.	0.0	330.0	0.0	30985.5	30775.5	14.64	0.0000	0.	0.
2027	27100.0	142926.	0.0	14.5	0.0	30971.0	30761.0	14.58	0.0000	0.	0.
2028	27100.0	142926.	0.0	0.0	0.0	30971.0	30761.0	14.58	0.0000	0.	0.
2029	27100.0	142926.	0.0	0.0	0.0	30971.0	30761.0	14.58	0.0000	0.	0.
2030	27100.0	142926.	0.0	465.0	0.0	30506.0	30296.0	12.73	0.0000	0.	0.

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

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

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

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EXPANSION PLAN SUMMARY

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PLAN 1

.....COST SUMMARY.....

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

2005	2264.	87.	2350.	10640.	1696.	9063.
2006	2444.	83.	2527.	13167.	1681.	10744.
2007	2561.	206.	2767.	15934.	1696.	12439.
2008	2697.	198.	2894.	18828.	1635.	14074.
2009	2802.	319.	3121.	21949.	1625.	15700.
2010	3084.	571.	3655.	25605.	1754.	17454.
2011	3236.	548.	3784.	29388.	1673.	19127.
2012	3407.	660.	4068.	33456.	1658.	20785.
2013	3534.	632.	4166.	37623.	1565.	22351.
2014	3697.	604.	4300.	41923.	1489.	23840.
2015	3949.	721.	4669.	46592.	1490.	25330.
2016	4127.	689.	4815.	51407.	1416.	26746.
2017	4340.	806.	5146.	56553.	1395.	28141.
2018	4534.	768.	5302.	61856.	1325.	29466.
2019	4715.	753.	5468.	67324.	1259.	30725.
2020	4929.	782.	5712.	73036.	1212.	31938.
2021	5123.	743.	5865.	78901.	1147.	33085.
2022	5387.	703.	6090.	84991.	1098.	34183.
2023	5541.	664.	6205.	91196.	1031.	35214.
2024	5703.	625.	6328.	97523.	969.	36183.
2025	5927.	586.	6513.	104036.	919.	37103.

2026	6128.	549.	6677.	110713.	869.	37971.
2027	6316.	512.	6828.	117541.	819.	38790.
2028	6498.	476.	6974.	124516.	771.	39561.
2029	6683.	441.	7123.	131639.	726.	40286.
2030	6847.	391.	7238.	138877.	679.	40966.

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

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PLAN 1

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

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

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

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PRODUCTION COST - SYSTEM ANNUAL REPORT

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PLAN 1

COST, M\$.....									
	FUEL	VARIABLE O+M	FIXED O+M	CONTRACT PURCHASE	CONTRACT SALE	ECONOMY INTERCH	EMISSION COST	ALLOWANCES CREDIT	UNMET ENERGY	TOTAL
	----	----	----	----	----	----	----	----	----	----
2001	2164.	0.	0.	0.	0.	0.	14.	0.	0.	2178.
2002	1918.	0.	0.	0.	0.	0.	0.	-5.	0.	1913.
2003	2085.	0.	0.	0.	0.	0.	0.	-4.	0.	2081.
2004	2119.	0.	0.	0.	0.	0.	0.	-2.	0.	2117.
2005	2203.	0.	66.	0.	0.	0.	0.	-5.	0.	2264.
2006	2314.	9.	125.	0.	0.	0.	0.	-4.	0.	2444.
2007	2367.	8.	193.	0.	0.	0.	0.	-8.	0.	2561.
2008	2499.	9.	195.	0.	0.	0.	0.	-6.	0.	2697.
2009	2603.	1.	206.	0.	0.	0.	0.	-8.	0.	2802.
2010	2751.	2.	347.	0.	0.	0.	0.	-15.	0.	3084.
2011	2894.	2.	352.	0.	0.	0.	0.	-12.	0.	3236.
2012	2994.	2.	429.	0.	0.	0.	0.	-18.	0.	3407.
2013	3114.	2.	436.	0.	0.	0.	0.	-18.	0.	3534.
2014	3268.	2.	443.	0.	0.	0.	0.	-17.	0.	3697.
2015	3442.	3.	526.	0.	0.	0.	0.	-23.	0.	3949.
2016	3607.	3.	535.	0.	0.	0.	0.	-19.	0.	4127.
2017	3738.	4.	623.	0.	0.	0.	0.	-24.	0.	4340.
2018	3918.	4.	634.	0.	0.	0.	0.	-22.	0.	4534.
2019	4079.	4.	652.	0.	0.	0.	0.	-20.	0.	4715.
2020	4261.	4.	685.	0.	0.	0.	0.	-20.	0.	4929.
2021	4437.	4.	699.	0.	0.	0.	0.	-18.	0.	5123.
2022	4689.	4.	714.	0.	0.	0.	0.	-20.	0.	5387.
2023	4827.	5.	729.	0.	0.	0.	0.	-20.	0.	5541.
2024	4973.	5.	746.	0.	0.	0.	0.	-20.	0.	5703.
2025	5179.	5.	763.	0.	0.	0.	0.	-20.	0.	5927.
2026	5359.	5.	780.	0.	0.	0.	0.	-16.	0.	6128.
2027	5529.	5.	799.	0.	0.	0.	0.	-17.	0.	6316.
2028	5691.	5.	818.	0.	0.	0.	0.	-16.	0.	6498.
2029	5855.	5.	838.	0.	0.	0.	0.	-16.	0.	6683.
2030	6038.	6.	819.	0.	0.	0.	0.	-16.	0.	6847.

NOTES - ANNUAL COSTS ARE IN MILLIONS OF CURRENT DOLLARS.

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- EXTENSION PERIOD COSTS ARE IN MILLIONS OF DOLLARS DISCOUNTED TO THE BEGINNING OF 2001.
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PLAN 1

YEARTOTAL SYSTEM.....		..SERVICE AREA - OTHR..	
	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$
2001	95684.	2164.	95684.	2164.
2002	99161.	1918.	99161.	1918.
2003	104413.	2085.	104413.	2085.
2004	108041.	2119.	108041.	2119.
2005	111771.	2269.	111771.	2269.
2006	115601.	2448.	115601.	2448.
2007	118156.	2569.	118156.	2569.
2008	120548.	2703.	120548.	2703.
2009	122921.	2810.	122921.	2810.
2010	125447.	3100.	125447.	3100.
2011	127511.	3248.	127511.	3248.
2012	128964.	3425.	128964.	3425.
2013	130433.	3552.	130433.	3552.
2014	132013.	3714.	132013.	3714.
2015	133570.	3971.	133570.	3971.
2016	135222.	4145.	135222.	4145.
2017	136988.	4364.	136988.	4364.
2018	138628.	4556.	138628.	4556.
2019	140152.	4736.	140152.	4736.
2020	141532.	4949.	141532.	4949.
2021	142925.	5140.	142925.	5140.
2022	142925.	5408.	142925.	5408.
2023	142925.	5561.	142925.	5561.
2024	142925.	5723.	142925.	5723.
2025	142925.	5946.	142925.	5946.
2026	142925.	6144.	142925.	6144.
2027	142925.	6333.	142925.	6333.
2028	142925.	6514.	142925.	6514.
2029	142925.	6698.	142925.	6698.
2030	142925.	6863.	142925.	6863.

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

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PLAN 1

YEARTOTAL SYSTEM.....		..FUEL CLASS - DSM..		..FUEL CLASS - HOIL..		..FUEL CLASS - NUCL..	
	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$	ENERGY, GWH	COST, M\$
2001	95684.	2164.	110.	0.	25923.	934.	22763.	99.
2002	99161.	1918.	265.	0.	9237.	330.	22763.	100.
2003	104413.	2085.	376.	0.	9498.	312.	22763.	103.
2004	108041.	2119.	485.	0.	13169.	425.	22763.	105.
2005	111771.	2269.	619.	0.	12422.	402.	22763.	108.
2006	115601.	2448.	755.	0.	12588.	409.	22763.	110.
2007	118156.	2569.	910.	0.	10671.	356.	22763.	105.
2008	120548.	2703.	1040.	0.	12273.	421.	22763.	106.
2009	122921.	2810.	1170.	0.	11134.	390.	22763.	109.
2010	125447.	3100.	1302.	0.	7470.	267.	22763.	110.
2011	127511.	3248.	1302.	0.	8475.	312.	22763.	111.
2012	128964.	3425.	1302.	0.	6214.	235.	22763.	114.
2013	130433.	3552.	1302.	0.	6335.	245.	22763.	114.
2014	132013.	3714.	1302.	0.	7410.	295.	22763.	116.
2015	133570.	3971.	1302.	0.	5747.	235.	22763.	117.
2016	135222.	4145.	1302.	0.	6607.	277.	22763.	119.
2017	136988.	4364.	1302.	0.	4677.	200.	22763.	120.
2018	138628.	4556.	1302.	0.	5384.	238.	22763.	122.
2019	140152.	4736.	1302.	0.	5787.	262.	22763.	123.
2020	141532.	4949.	1302.	0.	6425.	301.	22763.	124.
2021	142925.	5140.	1302.	0.	7028.	340.	22763.	125.
2022	142925.	5408.	1302.	0.	8212.	411.	22763.	127.
2023	142925.	5561.	1302.	0.	7889.	403.	22763.	128.
2024	142925.	5723.	1302.	0.	8107.	425.	22763.	129.
2025	142925.	5946.	1302.	0.	8871.	480.	22763.	131.
2026	142925.	6144.	1302.	0.	9544.	531.	22763.	132.
2027	142925.	6333.	1302.	0.	9610.	550.	22763.	133.
2028	142925.	6514.	1302.	0.	9677.	570.	22763.	135.
2029	142925.	6698.	1302.	0.	9770.	591.	22763.	136.
2030	142925.	6863.	1302.	0.	9722.	606.	22763.	138.

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PLAN 1

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

2001	15206.	485.	140.	12.	6648.	104.	40.	2.
2002	32047.	823.	14.	1.	6648.	108.	4.	0.
2003	37287.	994.	1.	0.	6648.	110.	8.	0.
2004	36962.	921.	8.	1.	6648.	109.	13.	0.
2005	41832.	1095.	22.	2.	6648.	110.	125.	4.
2006	45265.	1256.	11.	1.	6648.	112.	125.	4.
2007	49581.	1424.	3.	0.	6648.	115.	125.	4.
2008	50215.	1476.	5.	0.	6648.	118.	125.	4.
2009	53297.	1596.	4.	0.	6648.	119.	125.	4.
2010	66200.	2112.	1.	0.	0.	0.	125.	4.
2011	67202.	2202.	2.	0.	0.	0.	125.	4.
2012	71335.	2447.	1.	0.	0.	0.	125.	4.
2013	72225.	2540.	1.	0.	0.	0.	125.	4.
2014	73110.	2641.	2.	0.	0.	0.	125.	4.
2015	83082.	3132.	1.	0.	0.	0.	125.	4.
2016	83074.	3230.	1.	0.	0.	0.	125.	5.
2017	87920.	3552.	0.	0.	0.	0.	125.	5.
2018	88987.	3693.	1.	0.	0.	0.	125.	5.
2019	89320.	3818.	1.	0.	0.	0.	125.	5.
2020	90325.	3984.	1.	0.	0.	0.	125.	5.
2021	90610.	4111.	2.	0.	0.	0.	125.	5.
2022	92303.	4332.	5.	1.	0.	0.	125.	5.
2023	92566.	4477.	3.	0.	0.	0.	125.	5.
2024	92430.	4605.	3.	0.	0.	0.	125.	5.
2025	93848.	4803.	4.	1.	0.	0.	125.	5.
2026	94464.	4974.	6.	1.	0.	0.	125.	5.
2027	94821.	5138.	7.	1.	0.	0.	125.	5.
2028	94622.	5284.	6.	1.	0.	0.	125.	5.
2029	94434.	5428.	7.	1.	0.	0.	125.	5.
2030	94605.	5565.	17.	3.	0.	0.	125.	5.

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PRODUCTION COST - ANNUAL BY FUEL CLASS REPORT

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PLAN 1

YEAR	..FUEL CLASS ENERGY, GWH	- COAL.. COST, M\$..FUEL CLASS ENERGY, GWH	- SJRP.. COST, M\$..FUEL CLASS ENERGY, GWH	- COGN.. COST, M\$..FUEL CLASS ENERGY, GWH	- PUR.. COST, M\$
2001	7507.	128.	3217.	46.	6632.	135.	428.	7.
2002	7361.	129.	2908.	43.	5928.	122.	428.	8.
2003	7516.	141.	3217.	47.	5721.	116.	428.	8.
2004	7361.	122.	2970.	44.	5890.	122.	428.	8.
2005	6671.	112.	3217.	48.	5914.	118.	0.	0.
2006	7680.	130.	2970.	45.	5034.	104.	0.	0.

2007	7303.	126.	3217.	49.	5066.	105.	0.	0.
2008	7467.	129.	2660.	41.	5541.	117.	0.	0.
2009	7516.	132.	3217.	50.	5116.	109.	0.	0.
2010	7361.	131.	2970.	47.	4786.	105.	0.	0.
2011	7516.	135.	3217.	52.	4408.	97.	0.	0.
2012	7361.	134.	2908.	47.	4408.	98.	0.	0.
2013	7516.	140.	3217.	53.	4408.	99.	0.	0.
2014	7361.	139.	2970.	50.	4408.	100.	0.	0.
2015	6671.	128.	3217.	55.	4408.	101.	0.	0.
2016	7680.	150.	2970.	52.	4408.	103.	0.	0.
2017	7303.	145.	3217.	57.	4408.	104.	0.	0.
2018	7467.	151.	2660.	48.	4408.	105.	0.	0.
2019	7516.	155.	3217.	59.	4408.	106.	0.	0.
2020	7361.	153.	2970.	55.	4408.	107.	0.	0.
2021	7516.	160.	3217.	61.	4408.	109.	0.	0.
2022	7361.	158.	0.	0.	4408.	110.	0.	0.
2023	7516.	165.	0.	0.	4408.	111.	0.	0.
2024	7361.	164.	0.	0.	4408.	113.	0.	0.
2025	6671.	151.	0.	0.	2612.	72.	0.	0.
2026	7680.	177.	0.	0.	110.	2.	0.	0.
2027	7303.	171.	0.	0.	0.	0.	0.	0.

2028	7467.	177.	0.	0.	0.	0.	0.	0.	0.
2029	7516.	182.	0.	0.	0.	0.	0.	0.	0.
2030	7361.	181.	0.	0.	0.	0.	0.	0.	0.
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PLAN 1

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

2001	7071.	212.
2002	11559.	255.
2003	10951.	254.
2004	11346.	263.
2005	11539.	269.
2006	11763.	277.
2007	11870.	284.
2008	11811.	290.
2009	11932.	301.
2010	12471.	324.
2011	12502.	335.
2012	12549.	346.
2013	12541.	356.
2014	12564.	368.
2015	6255.	198.
2016	6292.	210.
2017	5273.	182.
2018	5531.	196.
2019	5713.	208.
2020	5852.	219.
2021	5953.	230.
2022	6447.	265.
2023	6353.	271.
2024	6426.	282.
2025	6729.	304.
2026	6930.	322.
2027	6996.	334.
2028	6963.	342.
2029	7009.	355.
2030	7030.	366.

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

PLAN 1 YEAR 2001

* LOADING ORDER *

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

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

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2001

* LOADING ORDER *

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

TPDIESEL 1-5

12.000 6.0900

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

ELECTRIC POWER RESEARCH INSTITUTE

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EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

PAGE 122

PLAN 1 YEAR 2002

* LOADING ORDER *

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

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

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PLAN 1 YEAR 2002 * LOADING ORDER *

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

PFL 3-2 GT'S
TPDIESEL 1-5

210.000
12.000

5.7900
5.7900

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

1ELECTRIC POWER RESEARCH INSTITUTE

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EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2003

* LOADING ORDER *

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

DSM-CONS DHYDR 183.000 0.0000
 TURKEY POINT 1 410.000 3.4300
 EVERGLADES 3 390.000 3.4000
 EVERGLADES 4 410.000 3.4000
 MARTIN 2 816.000 3.4207
 ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

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PLAN 1 YEAR 2003 * LOADING ORDER *

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

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.
 ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

PLAN 1 YEAR 2004

* LOADING ORDER *

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

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

* LOADING ORDER *

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

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

1ELECTRIC POWER RESEARCH INSTITUTE

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EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2005

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
ST LUCIE 2	MUST		714.000		0.4296							
TURKEY POINT 4	MUST		693.000		0.4301							
TURKEY POINT 3	MUST		693.000		0.4327							
ST LUCIE 1	MUST		839.000		0.4461							
SJRPP 1 (OWN)			254.000		1.5400							
SJRPP 2 (PURCH)			382.000		1.5400							
SOUCO			928.000		1.6600							
BROWARD SOUTH 2			3.500		1.6100							
PALM BEACH			43.500		1.6400							
FLCSTONE			133.000		1.6400							
BROWARD NORTH 2			11.000		1.6400							
CEDAR BAY			250.000		1.7900							
MR EXPAN 4x1 PF	2005		27.000		3.4100							
SCHERER 4			658.000		1.6700							
BROWARD NORTH 1			45.000		2.0000							
BROWARD SOUTH 1			50.600		2.0000							
MARTIN 4			474.000		3.4100							
PSNREP 4			957.000		3.4100							
PSNREP 5			957.000		3.4100							
MARTIN 3			474.000		3.4100							
PFMREP 1 CT/CC			1473.043		3.4100							
MR EXPAN 4x1	2005		984.000		3.4100							
IND-TOWN			330.000		2.3900							
FT LAUD 5			427.000		3.4100							
FT LAUD 4			427.000		3.4100							
PUTNAM 1			249.000		3.4100							
MR EXPAN 4x1 DF	2005		96.000		3.4100							
PUTNAM 2			249.000		3.4100							
RIVIERA 4			290.000		2.8200							

RIVIERA 3		283.000		2.8200							
CAPE CAN 1		403.000		3.3400							
TURKEY POINT 2		400.000		3.3600							
FIRM PURCHASE		447.000		3.4100							
2 ADV CT-FT MY		318.000		3.4100							
EVERGLADES 3		390.000		3.3200							
EVERGLADES 4		410.000		3.3200							
TURKEY POINT 1		410.000		3.3600							
DSM-CONS	DHYDR	310.000		0.0000							
MARTIN 2		816.000		3.3687							
SANFORD 3		142.000		2.9900							
ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				2/11/ 2		20:36:37	

EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2005

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
EVERGLADES 2			221.000		3.3200							
MANATEE 2			810.000		3.2800							
ECONOM 1		HYDR	210.000		3.5000							
MARTIN 1			824.000		3.3686							
CAPE CAN 2			403.000		3.3400							
MANATEE 1			815.000		3.2800							
EVERGLADES 1			221.000		3.3200							
CUTLER 6			144.000		3.4100							
CUTLER 5			71.000		3.4100							
PFM 2-4 GT'S			212.000		5.3200							
DSM-LC		DHYDR	1340.000		0.0000							
PFM 2-4 GT'S			212.000		5.3200							
PFM 2-4 GT'S			212.000		5.3200							
PPE 3-2 GT'S			210.000		5.2800							
PPE 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
PFL 3-2 GT'S			210.000		5.2800							
TPDIESEL 1-5			12.000		5.2800							
FC 3&65	2005		465.000							21390.	21394.	*****

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

1ELECTRIC POWER RESEARCH INSTITUTE

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EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2006

* LOADING ORDER *

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

ST LUCIE 2	MUST	714.000	[REDACTED]	0.4436	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 4	MUST	693.000	[REDACTED]	0.4357	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	MUST	839.000	[REDACTED]	0.4478	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 3	MUST	693.000	[REDACTED]	0.4434	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2		3.500	[REDACTED]	1.4700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)		254.000	[REDACTED]	1.5400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)		382.000	[REDACTED]	1.5400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PALM BEACH		43.500	[REDACTED]	1.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2		11.000	[REDACTED]	1.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SOUCO		928.000	[REDACTED]	1.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY		250.000	[REDACTED]	1.7900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005	27.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4		658.000	[REDACTED]	1.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 1		45.000	[REDACTED]	2.0400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 1		50.600	[REDACTED]	2.0400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4		474.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4		957.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5		957.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3		474.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC		1473.043	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005	984.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IND-TOWN		330.000	[REDACTED]	2.3900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FC 19&58	2006	478.200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 5		427.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 4		427.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 1		249.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 DF	2005	96.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 2		249.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FC 19&58 DF	2006	47.300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 4		290.000	[REDACTED]	2.8100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 3		283.000	[REDACTED]	2.8100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 1		403.000	[REDACTED]	3.3700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 2		400.000	[REDACTED]	3.3800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FIRM PURCHASE		447.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY		318.000	[REDACTED]	3.4500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 1		410.000	[REDACTED]	3.3800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 3		390.000	[REDACTED]	3.3500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 4		410.000	[REDACTED]	3.3500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-CONS	DHYDR	375.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2		816.000	[REDACTED]	3.4018	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PLAN 1 YEAR 2006

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
SANFORD 3			142.000		3.0000							
EVERGLADES 2			221.000		3.3500							
MANATEE 2			810.000		3.3100							
ECONOM 1		HYDR	210.000		3.4000							
MARTIN 1			824.000		3.4017							
CAPE CAN 2			403.000		3.3700							
MANATEE 1			815.000		3.3100							
EVERGLADES 1			221.000		3.3500							
CUTLER 6			144.000		3.4500							
CUTLER 5			71.000		3.4500							
DSM-LC		DHYDR	1354.000		0.0000							
PFM 2-4 GT'S			212.000		5.3500							
PFM 2-4 GT'S			212.000		5.3500							
PFM 2-4 GT'S			212.000		5.3500							
PPE 3-2 GT'S			210.000		5.3200							
PPE 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
PFL 3-2 GT'S			210.000		5.3200							
TPDIESEL 1-5			12.000		5.3200							
FC 3&65		2005	465.000									*****

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

PLAN 1 YEAR 2007

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 4		MUST	693.000		0.4154							
ST LUCIE 1		MUST	839.000		0.4237							
TURKEY POINT 3		MUST	693.000		0.4193							
ST LUCIE 2		MUST	714.000		0.4316							
BROWARD SOUTH 2			3.500		1.4900							
SJRPP 1 (OWN)			254.000		1.5600							
SJRPP 2 (PURCH)			382.000		1.5600							
PALM BEACH			43.500		1.6100							
BROWARD NORTH 2			11.000		1.6100							
SOUCO			928.000		1.7300							
CEDAR BAY			250.000		1.8100							
MR EXPAN 4x1 PF	2005		27.000		3.4900							
SCHERER 4			658.000		1.7200							
BROWARD NORTH 1			45.000		2.0900							
BROWARD SOUTH 1			50.600		2.0900							
MARTIN 4			474.000		3.5000							
PSNREP 4			957.000		3.5000							
PSNREP 5			957.000		3.5000							
MARTIN 3			474.000		3.5000							
PFMREP 1 CT/CC			1473.043		3.5000							
MR EXPAN 4x1	2005		984.000		3.4900							
IND-TOWN			330.000		2.4000							
CC-(GREENFIELD)	2007		1107.000		3.4900							
FC 19&58	2006		478.200									
FT LAUD 5			427.000		3.5000							
FT LAUD 4			427.000		3.5000							
PUTNAM 1			249.000		3.5000							
MR EXPAN 4x1 DF	2005		96.000		3.4900							
PUTNAM 2			249.000		3.5000							
FC 19&58 DF	2006		47.300									
RIVIERA 4			290.000		2.8700							
RIVIERA 3			283.000		2.8700							
2 ADV CT-FT MY			318.000		3.5000							
CAPE CAN 1			403.000		3.4500							
TURKEY POINT 2			400.000		3.4700							

EVERGLADES 3		390.000		3.4300							
EVERGLADES 4		410.000		3.4300							
TURKEY POINT 1		410.000		3.4700							
DSM-CONS	DHYDR	440.000		0.0000							
MARTIN 2		816.000		3.4725							

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PLAN 1 YEAR 2007 * LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
SANFORD 3			142.000		3.0700							
EVERGLADES 2			221.000		3.4300							
MARTIN 1			824.000		3.4724							
ECONOM 1		HYDR	210.000		3.4200							
MANATEE 2			810.000		3.3900							
CAPE CAN 2			403.000		3.4500							
MANATEE 1			815.000		3.3900							
DSM-LC		DHYDR	1367.000		0.0000							
EVERGLADES 1			221.000		3.4300							
CUTLER 6			144.000		3.5000							
CUTLER 5			71.000		3.5000							
PFM 2-4 GT'S			212.000		5.4900							
PFM 2-4 GT'S			212.000		5.4900							
PFM 2-4 GT'S			212.000		5.4900							
PPE 3-2 GT'S			210.000		5.4600							
PPE 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
PFL 3-2 GT'S			210.000		5.4600							
TPDIESEL 1-5			12.000		5.4600							
FC 3&65		2005	465.000									

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.
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PLAN 1 YEAR 2008

* LOADING ORDER *

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

PALM BEACH		43.500	[REDACTED]	1.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2		11.000	[REDACTED]	1.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)		254.000	[REDACTED]	1.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)		382.000	[REDACTED]	1.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SOUCO		928.000	[REDACTED]	1.7700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY		250.000	[REDACTED]	1.8200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005	27.000	[REDACTED]	3.5800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4		658.000	[REDACTED]	1.7200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 1		45.000	[REDACTED]	2.1400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 1		50.600	[REDACTED]	2.1400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4		474.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IND-TOWN		330.000	[REDACTED]	2.4100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4		957.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5		957.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3		474.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC		1473.043	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005	984.000	[REDACTED]	3.5800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2007	1107.000	[REDACTED]	3.5800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FC 19&58	2006	478.200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 5		427.000	[REDACTED]	3.6221	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 4		427.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 1		249.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 DF	2005	96.000	[REDACTED]	3.5800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 2		249.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FC 19&58 DF	2006	47.300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 4		290.000	[REDACTED]	2.9400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 3		283.000	[REDACTED]	2.9400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY		318.000	[REDACTED]	3.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 1		403.000	[REDACTED]	3.5300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 2		400.000	[REDACTED]	3.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 3		390.000	[REDACTED]	3.5100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 4		410.000	[REDACTED]	3.5100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 1		410.000	[REDACTED]	3.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-CONS	DHYDR	506.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2		816.000	[REDACTED]	3.5625	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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PLAN 1 YEAR 2008

* LOADING ORDER *

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST		
	INST						LODNG	CAPACITY	RATE	COST	FACTOR	PERCENT
YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH	
SANFORD 3		142.000		3.1300								
EVERGLADES 2		221.000		3.5100								
MARTIN 1		824.000		3.5624								
ECONOM 1		210.000		3.4400								
MANATEE 2	HYDR	810.000		3.4800								
CAPE CAN 2		403.000		3.5300								
MANATEE 1		815.000		3.4800								
EVERGLADES 1		221.000		3.5100								
CUTLER 6		144.000		3.5900								
DSM-LC	DHYDR	1380.000		0.0000								
CUTLER 5		71.000		3.5900								
PFM 2-4 GT'S		212.000		5.6200								
PFM 2-4 GT'S		212.000		5.6200								
PFM 2-4 GT'S		212.000		5.6200								
PPE 3-2 GT'S		210.000		5.6000								
PPE 3-2 GT'S		210.000		5.6000								
PFL 3-2 GT'S		210.000		5.6000								
PFL 3-2 GT'S		210.000		5.6000								
PFL 3-2 GT'S		210.000		5.6000								
TPDIESEL 1-5		12.000		5.6000								
FC 3&65	2005	465.000									*****	

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

1ELECTRIC POWER RESEARCH INSTITUTE

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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* LOADING ORDER *

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

TURKEY POINT 4	MUST	693.000	[REDACTED]	0.4261	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	MUST	839.000	[REDACTED]	0.4409	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2	MUST	714.000	[REDACTED]	0.4464	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 3	MUST	693.000	[REDACTED]	0.4383	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2		3.500	[REDACTED]	1.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PALM BEACH		43.500	[REDACTED]	1.6000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2		11.000	[REDACTED]	1.6000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)		254.000	[REDACTED]	1.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)		382.000	[REDACTED]	1.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SOUCO		928.000	[REDACTED]	1.7900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY		250.000	[REDACTED]	1.8500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005	27.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4		658.000	[REDACTED]	1.7400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 1		45.000	[REDACTED]	2.1900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IND-TOWN		330.000	[REDACTED]	2.4300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4		474.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4		957.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5		957.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3		474.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC		1473.043	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005	984.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2007	1107.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2009	1107.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 5		427.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 4		427.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 1		249.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 DF	2005	96.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 2		249.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 4		290.000	[REDACTED]	3.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 3		283.000	[REDACTED]	3.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY		318.000	[REDACTED]	3.6900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 1		403.000	[REDACTED]	3.6200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 2		400.000	[REDACTED]	3.6400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 3		390.000	[REDACTED]	3.6000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 4		410.000	[REDACTED]	3.6000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 1		410.000	[REDACTED]	3.6400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-CONS	DHYDR	572.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2		816.000	[REDACTED]	3.6556	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SANFORD 3		142.000	[REDACTED]	3.2100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 2		221.000	[REDACTED]	3.6000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PLAN 1 YEAR 2009

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
MARTIN 1			824.000		3.6555							
ECONOM 1		HYDR	210.000		3.4600							
MANATEE 2			810.000		3.5600							
CAPE CAN 2			403.000		3.6200							
MANATEE 1			815.000		3.5600							
DSM-LC		DHYDR	1390.000		0.0000							
EVERGLADES 1			221.000		3.6000							
CUTLER 6			144.000		3.6900							
CUTLER 5			71.000		3.6900							
PFM 2-4 GT'S			212.000		5.7600							
PFM 2-4 GT'S			212.000		5.7600							
PFM 2-4 GT'S			212.000		5.7600							
PPE 3-2 GT'S			210.000		5.7500							
PPE 3-2 GT'S			210.000		5.7500							
PFL 3-2 GT'S			210.000		5.7500							
PFL 3-2 GT'S			210.000		5.7500							
PFL 3-2 GT'S			210.000		5.7500							
TPDIESEL 1-5			12.000		5.7500							
FC 3&65	2005		465.000									*****

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

PLAN 1 YEAR 2010

* LOADING ORDER *

ALT INST	RATED CAPACITY	HEAT RATE	FUEL COST	CAPACITY FACTOR	GENERATION	VARIABLE FUEL	O + M	FIXED O + M	PRODUCTION COST
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UNIT NAME	YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
TURKEY POINT 4		MUST	693.000		0.4326							
ST LUCIE 1		MUST	839.000		0.4434							
ST LUCIE 2		MUST	714.000		0.4514							
TURKEY POINT 3		MUST	693.000		0.4445							
BROWARD NORTH 2			11.000		1.6200							
BROWARD SOUTH 2			3.500		1.6400							
SJRPP 1 (OWN)			254.000		1.6200							
SJRPP 2 (PURCH)			382.000		1.6200							
CEDAR BAY			250.000		1.8800							
MR EXPAN 4x1 PF	2005		27.000		3.7900							
SCHERER 4			658.000		1.7700							
BROWARD NORTH 1			45.000		2.2400							
IND-TOWN			330.000		2.4400							
MARTIN 4			474.000		3.8000							
PSNREP 4			957.000		3.8000							
PSNREP 5			957.000		3.8000							
MARTIN 3			474.000		3.8000							
PFMREP 1 CT/CC			1473.043		3.8000							
MR EXPAN 4x1	2005		984.000		3.7900							
CC-(GREENFIELD)	2007		1107.000		3.7900							
CC-(GREENFIELD)	2009		1107.000		3.7900							
CC-(GREENFIELD)	2010		1107.000		3.7900							
FT LAUD 5			427.000		3.8000							
FT LAUD 4			427.000		3.8000							
PUTNAM 1			249.000		3.8000							
MR EXPAN 4x1 DF	2005		96.000		3.7900							
PUTNAM 2			249.000		3.8000							
RIVIERA 4			290.000		3.0700							
RIVIERA 3			283.000		3.0700							
2 ADV CT-FT MY			318.000		3.8000							
CAPE CAN 1			403.000		3.7100							
TURKEY POINT 2			400.000		3.7300							
DSM-CONS		DHYDR	595.000		0.0000							
EVERGLADES 3			390.000		3.6900							
EVERGLADES 4			410.000		3.6900							
TURKEY POINT 1			410.000		3.7300							
MARTIN 2			816.000		3.7518							

SANFORD 3
 EVERGLADES 2
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142.000
 221.000

3.2900
 3.6900
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PLAN 1 YEAR 2010

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
ECONOM 1		HYDR	210.000		3.4800							
MARTIN 1			824.000		3.7517							
MANATEE 2			810.000		3.6600							
CAPE CAN 2			403.000		3.7100							
DSM-LC		DHYDR	1390.000		0.0000							

MANATEE 1	815.000		3.6600								
EVERGLADES 1	221.000		3.6900								
CUTLER 6	144.000		3.8000								
CUTLER 5	71.000		3.8000								
PFM 2-4 GT'S	212.000		5.9200								
PFM 2-4 GT'S	212.000		5.9200								
PFM 2-4 GT'S	212.000		5.9200								
PPE 3-2 GT'S	210.000		5.9100								
PPE 3-2 GT'S	210.000		5.9100								
PFL 3-2 GT'S	210.000		5.9100								
PFL 3-2 GT'S	210.000		5.9100								
PFL 3-2 GT'S	210.000		5.9100								
TPDIESEL 1-5	12.000		5.9100								
FC 3&65	2005	465.000									*****

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2011

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4		MUST	693.000		0.4395							
TURKEY POINT 3		MUST	693.000		0.4419							
ST LUCIE 1		MUST	839.000		0.4504							
ST LUCIE 2		MUST	714.000		0.4516							
BROWARD SOUTH 2			3.500		1.5900							
BROWARD NORTH 2			11.000		1.6500							
SJRPP 1 (OWN)			254.000		1.6400							
SJRPP 2 (PURCH)			382.000		1.6400							
CEDAR BAY			250.000		1.9100							
MR EXPAN 4x1 PF	2005		27.000		3.9100							
SCHERER 4			658.000		1.7900							
IND-TOWN			330.000		2.4600							

MARTIN 4		474.000		3.9200							
PSNREP 4		957.000		3.9200							
PSNREP 5		957.000		3.9200							
MARTIN 3		474.000		3.9200							
PFMREP 1 CT/CC		1473.043		3.9200							
MR EXPAN 4x1	2005	984.000		3.9100							
CC- (GREENFIELD)	2007	1107.000		3.9100							
CC- (GREENFIELD)	2009	1107.000		3.9100							
CC- (GREENFIELD)	2010	1107.000		3.9100							
CC- (GREENFIELD)	2010	1107.000		3.9100							
FT LAUD 5		427.000		3.9200							
FT LAUD 4		427.000		3.9200							
PUTNAM 1		249.000		3.9200							
MR EXPAN 4x1 DF	2005	96.000		3.9100							
PUTNAM 2		249.000		3.9200							
RIVIERA 4		290.000		3.1500							
RIVIERA 3		283.000		3.1500							
2 ADV CT-FT MY		318.000		3.9200							
CAPE CAN 1		403.000		3.8100							
TURKEY POINT 2		400.000		3.8300							
DSM-CONS	DHYDR	595.000		0.0000							
TURKEY POINT 1		410.000		3.8300							
EVERGLADES 3		390.000		3.8000							
EVERGLADES 4		410.000		3.8000							
MARTIN 2		816.000		3.8580							
SANFORD 3		142.000		3.3700							
EVERGLADES 2		221.000		3.8000							
MARTIN 1		824.000		3.8579							

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* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED		PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH	
ECONOM 1		HYDR	210.000		3.5000								
MANATEE 2			810.000		3.7600								
CAPE CAN 2			403.000		3.8100								

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DSM-LC	DHYDR	1392.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 1		815.000	[REDACTED]	3.7600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 1		221.000	[REDACTED]	3.8000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 6		144.000	[REDACTED]	3.9200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 5		71.000	[REDACTED]	3.9200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S		210.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S		210.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S		210.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S		210.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S		210.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S		210.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TPDIESEL 1-5		12.000	[REDACTED]	6.0800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FC 3&65	2005	465.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2012

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000	[REDACTED]	0.4464	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 3	MUST		693.000	[REDACTED]	0.4538	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	MUST		839.000	[REDACTED]	0.4632	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2	MUST		714.000	[REDACTED]	0.4648	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2			3.500	[REDACTED]	1.6100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2			11.000	[REDACTED]	1.6800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)			254.000	[REDACTED]	1.6700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)			382.000	[REDACTED]	1.6700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY			250.000	[REDACTED]	1.9400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4			658.000	[REDACTED]	1.8200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005		27.000	[REDACTED]	4.0300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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IND-TOWN		330.000		2.4800								
MARTIN 4		474.000		4.0400								
PSNREP 4		957.000		4.0400								
PSNREP 5		957.000		4.0400								
MARTIN 3		474.000		4.0400								
PFMREP 1 CT/CC		1473.043		4.0400								
MR EXPAN 4x1	2005	984.000		4.0300								
CC- (GREENFIELD)	2007	1107.000		4.0300								
CC- (GREENFIELD)	2009	1107.000		4.0300								
CC- (GREENFIELD)	2010	1107.000		4.0300								
CC- (GREENFIELD)	2010	1107.000		4.0300								
CC- (GREENFIELD)	2012	1107.000		4.0300								
FT LAUD 5		427.000		4.0400								
FT LAUD 4		427.000		4.0400								
PUTNAM 1		249.000		4.0400								
MR EXPAN 4x1 DF	2005	96.000		4.0300								
PUTNAM 2		249.000		4.0400								
RIVIERA 4		290.000		3.2300								
RIVIERA 3		283.000		3.2300								
2 ADV CT-FT MY		318.000		4.0400								
CAPE CAN 1		403.000		3.9200								
DSM-CONS	DHYDR	595.000		0.0000								
TURKEY POINT 2		400.000		3.9400								
EVERGLADES 3		390.000		3.9000								
EVERGLADES 4		410.000		3.9000								
TURKEY POINT 1		410.000		3.9400								
MARTIN 2		816.000		3.9712								
SANFORD 3		142.000		3.4600								
EVERGLADES 2		221.000		3.9000								
1ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE							2/11/ 2	20:36:37

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2012

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
ECONOM 1		HYDR	210.000		3.5200							
MARTIN 1			824.000		3.9710							

MANATEE 2	810.000	[REDACTED]	3.8600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 2	403.000	[REDACTED]	3.9200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-LC	DHYDR 1392.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 1	815.000	[REDACTED]	3.8600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 1	221.000	[REDACTED]	3.9000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 6	144.000	[REDACTED]	4.0400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 5	71.000	[REDACTED]	4.0400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S	212.000	[REDACTED]	6.2500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S	212.000	[REDACTED]	6.2500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S	212.000	[REDACTED]	6.2500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S	210.000	[REDACTED]	6.2600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S	210.000	[REDACTED]	6.2600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	6.2600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	6.2600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S	210.000	[REDACTED]	6.2600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TPDIESEL 1-5	12.000	[REDACTED]	6.2600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FC 3&65	2005 465.000	[REDACTED]	6.2600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2013

* LOADING ORDER *

UNIT NAME	ALT INST	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED		PRODUCTION COST	
							FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH	
TURKEY POINT 4	MUST	693.000	[REDACTED]	0.4498	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	MUST	839.000	[REDACTED]	0.4646	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 3	MUST	693.000	[REDACTED]	0.4569	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2	MUST	714.000	[REDACTED]	0.4696	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2		3.500	[REDACTED]	1.6400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2		11.000	[REDACTED]	1.7000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)		254.000	[REDACTED]	1.7000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)		382.000	[REDACTED]	1.7000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY		250.000	[REDACTED]	1.9700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4		658.000	[REDACTED]	1.8500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

01281

01282

MR EXPAN 4x1 PF 2005
IND-TOWN
MARTIN 4
PSNREP 4
PSNREP 5

MARTIN 3
PFMREP 1 CT/CC
MR EXPAN 4x1 2005
CC- (GREENFIELD) 2007
CC- (GREENFIELD) 2009

27.000
330.000
474.000
957.000
957.000

474.000
1473.043
984.000
1107.000
1107.000

4.1500
2.5000
4.1600
4.1600
4.1600

4.1600
4.1600
4.1500
4.1500
4.1500



1287

CC- (GREENFIELD)	2010	1107.000		4.4200								
CC- (GREENFIELD)	2012	1107.000		4.4200								
CC- (GREENFIELD)	2015	1107.000		4.4200								
MARTIN 4		474.000		4.6400								
PSNREP 4		957.000		4.6400								
PSNREP 5		957.000		4.6400								
MARTIN 3		474.000		4.6400								
PFMREP 1 CT/CC		1473.043		4.6400								
FT LAUD 5		427.000		4.6400								
FT LAUD 4		427.000		4.6400								
MR EXPAN 4x1 DF	2005	96.000		4.4200								
PUTNAM 1		249.000		4.6400								
PUTNAM 2		249.000		4.6400								
RIVIERA 4		290.000		3.4800								
RIVIERA 3		283.000		3.4800								
DSM-CONS	DHYDR	595.000		0.0000								
CAPE CAN 1		403.000		4.2500								
TURKEY POINT 2		400.000		4.2700								
EVERGLADES 3		390.000		4.2300								
TURKEY POINT 1		410.000		4.2700								
EVERGLADES 4		410.000		4.2300								
SANFORD 3		142.000		3.7400								
MARTIN 2		816.000		4.3853								
ECONOM 1	HYDR	210.000		3.5900								
ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECAS				2/11/ 2		20:36:37		

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PLAN 1 YEAR 2015

* LOADING ORDER *

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

EVERGLADES 1
CUTLER 6
CUTLER 5

221.000 [REDACTED] 4.2300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
144.000 [REDACTED] 4.6400 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
71.000 [REDACTED] 4.6400 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

PFM 2-4 GT'S
PFM 2-4 GT'S
PFM 2-4 GT'S
PPE 3-2 GT'S
PPE 3-2 GT'S

212.000 [REDACTED] 6.8000 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
212.000 [REDACTED] 6.8000 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
212.000 [REDACTED] 6.8000 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
210.000 [REDACTED] 6.8300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
210.000 [REDACTED] 6.8300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

PFL 3-2 GT'S
PFL 3-2 GT'S
PFL 3-2 GT'S
PFL 3-2 GT'S
TPDIESEL 1-5

210.000 [REDACTED] 6.8300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
210.000 [REDACTED] 6.8300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
210.000 [REDACTED] 6.8300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
210.000 [REDACTED] 6.8300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
12.000 [REDACTED] 6.8300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

FC 3&65

2005

465.000

[REDACTED]

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2016

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000	[REDACTED]	0.4696	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	MUST		839.000	[REDACTED]	0.4842	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 3	MUST		693.000	[REDACTED]	0.4755	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2	MUST		714.000	[REDACTED]	0.4879	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2			3.500	[REDACTED]	1.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2			11.000	[REDACTED]	1.7900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)			254.000	[REDACTED]	1.7900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)			382.000	[REDACTED]	1.7900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY			250.000	[REDACTED]	2.0700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4			658.000	[REDACTED]	1.9400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005		27.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IND-TOWN			330.000	[REDACTED]	2.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005		984.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2007		1107.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2009		1107.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2010		1107.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2010		1107.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2012		1107.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2015		1107.000	[REDACTED]	4.5500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4			474.000	[REDACTED]	4.8900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4			957.000	[REDACTED]	4.8900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5			957.000	[REDACTED]	4.8900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3			474.000	[REDACTED]	4.8900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC			1473.043	[REDACTED]	4.8900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 5			427.000	[REDACTED]	4.8900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PSNREP 5		957.000		5.0400							
MARTIN 3		474.000		5.0400							
PFMREP 1 CT/CC		1473.043		5.0400							
FT LAUD 5		427.000		5.0400							
FT LAUD 4		427.000		5.0400							
MR EXPAN 4x1 DF	2005	96.000		4.6900							
RIVIERA 4		290.000		3.6500							
DSM-CONS	DHYDR	595.000		0.0000							
RIVIERA 3		283.000		3.6500							
PUTNAM 1		249.000		5.0400							
PUTNAM 2		249.000		5.0400							
CAPE CAN 1		403.000		4.4900							
TURKEY POINT 2		400.000		4.5100							
TURKEY POINT 1		410.000		4.5100							
EVERGLADES 3		390.000		4.4700							
EVERGLADES 4		410.000		4.4700							
SANFORD 3		142.000		3.9300							
EVERGLADES 2		221.000		4.4700							

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2017

* LOADING ORDER *

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

CC- (GREENFIELD)	2015	1107.000	[REDACTED]	4.8400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2017	1107.000	[REDACTED]	4.8400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4		474.000	[REDACTED]	5.1800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4		957.000	[REDACTED]	5.1800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5		957.000	[REDACTED]	5.1800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3		474.000	[REDACTED]	5.1800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC		1473.043	[REDACTED]	5.1800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 5		427.000	[REDACTED]	5.1800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 4		427.000	[REDACTED]	5.1800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 DF	2005	96.000	[REDACTED]	4.8400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 4		290.000	[REDACTED]	3.7500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 3		283.000	[REDACTED]	3.7500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PUTNAM 1		249.000		5.1800							
DSM-CONS	DHYDR	595.000		0.0000							
PUTNAM 2		249.000		5.1800							
CAPE CAN 1		403.000		4.6200							
TURKEY POINT 2		400.000		4.6400							
TURKEY POINT 1		410.000		4.6400							
EVERGLADES 3		390.000		4.6000							
EVERGLADES 4		410.000		4.6000							
SANFORD 3		142.000		4.0400							
EVERGLADES 2		221.000		4.6000							
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PLAN 1 YEAR 2018

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
ECONOM 1		HYDR	210.000		3.6600							
MANATEE 2			810.000		4.5600							
MARTIN 2			816.000		4.8082							
CAPE CAN 2			403.000		4.6200							
MANATEE 1			815.000		4.5600							
DSM-LC		DHYDR	1392.000		0.0000							
EVERGLADES 1			221.000		4.6000							
MARTIN 1			824.000		4.8076							
2 ADV CT-FT MY			318.000		5.1800							
CUTLER 6			144.000		5.1800							
CUTLER 5			71.000		5.1800							
PFM 2-4 GT'S			212.000		7.4000							
PFM 2-4 GT'S			212.000		7.4000							
PFM 2-4 GT'S			212.000		7.4000							
PPE 3-2 GT'S			210.000		7.4500							
PPE 3-2 GT'S			210.000		7.4500							
PFL 3-2 GT'S			210.000		7.4500							
PFL 3-2 GT'S			210.000		7.4500							
PFL 3-2 GT'S			210.000		7.4500							

TPDIESEL 1-5
FC 3&65

2005

12.000
465.000

7.4500

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2019

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4833							
TURKEY POINT 3	MUST		693.000		0.4880							
ST LUCIE 2	MUST		714.000		0.5000							
ST LUCIE 1	MUST		839.000		0.5024							
BROWARD SOUTH 2			3.500		1.6500							
BROWARD NORTH 2			11.000		1.8800							
SJRPP 1 (OWN)			254.000		1.8800							
SJRPP 2 (PURCH)			382.000		1.8800							
CEDAR BAY			250.000		2.1800							
SCHERER 4			658.000		2.0400							
IND-TOWN			330.000		2.6300							
MR EXPAN 4x1 PF	2005		27.000		4.9900							
MR EXPAN 4x1	2005		984.000		4.9900							
CC- (GREENFIELD)	2007		1107.000		4.9900							
CC- (GREENFIELD)	2009		1107.000		4.9900							
CC- (GREENFIELD)	2010		1107.000		4.9900							
CC- (GREENFIELD)	2010		1107.000		4.9900							
CC- (GREENFIELD)	2012		1107.000		4.9900							
CC- (GREENFIELD)	2015		1107.000		4.9900							
CC- (GREENFIELD)	2017		1107.000		4.9900							
MARTIN 4			474.000		5.3300							
PSNREP 4			957.000		5.3300							
PSNREP 5			957.000		5.3300							
MARTIN 3			474.000		5.3300							
PFMREP 1 CT/CC			1473.043		5.3300							

PPE 3-2 GT'S		210.000		7.6600							
PFL 3-2 GT'S		210.000		7.6600							
PFL 3-2 GT'S		210.000		7.6600							
PFL 3-2 GT'S		210.000		7.6600							
PFL 3-2 GT'S		210.000		7.6600							
TPDIESEL 1-5		12.000		7.6600							
FC 3&65	2005	465.000									

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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PLAN 1 YEAR 2020

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3		MUST	693.000		0.4899							
TURKEY POINT 4		MUST	693.000		0.4915							
ST LUCIE 2		MUST	714.000		0.5021							
ST LUCIE 1		MUST	839.000		0.5102							
BROWARD SOUTH 2			3.500		1.6800							
BROWARD NORTH 2			11.000		1.9200							
SJRPP 1 (OWN)			254.000		1.9100							
SJRPP 2 (PURCH)			382.000		1.9100							
CEDAR BAY			250.000		2.2100							
SCHERER 4			658.000		2.0700							
IND-TOWN			330.000		2.6500							
MR EXPAN 4x1 PF	2005		27.000		5.1400							
MR EXPAN 4x1	2005		984.000		5.1400							
CC-(GREENFIELD)	2007		1107.000		5.1400							
CC-(GREENFIELD)	2009		1107.000		5.1400							
CC-(GREENFIELD)	2010		1107.000		5.1400							
CC-(GREENFIELD)	2010		1107.000		5.1400							
CC-(GREENFIELD)	2012		1107.000		5.1400							
CC-(GREENFIELD)	2015		1107.000		5.1400							
CC-(GREENFIELD)	2017		1107.000		5.1400							

CT
CT
CUTLER 6
CUTLER 5

2020
2020

159.000		5.9047
159.000		5.9047
144.000		5.4900
71.000		5.4900
212.000		7.8200
212.000		7.8200
212.000		7.8200
210.000		7.8900
210.000		7.8900
210.000		7.8900
210.000		7.8900
210.000		7.8900
210.000		7.8900
12.000		7.8900

[REDACTED]

FC 3&65

2005

465.000

[REDACTED]

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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PLAN 1 YEAR 2021

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3		MUST	693.000	[REDACTED]	0.4919	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2		MUST	714.000	[REDACTED]	0.5043	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 4		MUST	693.000	[REDACTED]	0.4998	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1		MUST	839.000	[REDACTED]	0.5180	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2			3.500	[REDACTED]	1.7000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2			11.000	[REDACTED]	1.9500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 1 (OWN)			254.000	[REDACTED]	1.9400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SJRPP 2 (PURCH)			382.000	[REDACTED]	1.9400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY			250.000	[REDACTED]	2.2500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SCHERER 4			658.000	[REDACTED]	2.1100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IND-TOWN			330.000	[REDACTED]	2.6800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005		27.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005		984.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2007		1107.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2009		1107.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2010		1107.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2010		1107.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2012		1107.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2015		1107.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC-(GREENFIELD)	2017		1107.000	[REDACTED]	5.3000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4			474.000	[REDACTED]	5.6500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4			957.000	[REDACTED]	5.6500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5			957.000	[REDACTED]	5.6500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3			474.000	[REDACTED]	5.6500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC			1473.043	[REDACTED]	5.6500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

FT LAUD 5		427.000		5.6500							
FT LAUD 4		427.000		5.6500							
MR EXPAN 4x1 DF	2005	96.000		5.3000							
RIVIERA 4		290.000		4.0300							
RIVIERA 3		283.000		4.0300							
PUTNAM 1		249.000		5.6500							
PUTNAM 2		249.000		5.6500							
DSM-CONS	DHYDR	595.000		0.0000							
CAPE CAN 1		403.000		5.0100							
TURKEY POINT 2		400.000		5.0300							
TURKEY POINT 1		410.000		5.0300							
EVERGLADES 3		390.000		4.9900							
EVERGLADES 4		410.000		4.9900							
SANFORD 3		142.000		4.3500							
EVERGLADES 2		221.000		4.9900							

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2021

* LOADING ORDER *

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

PFM 2-4 GT'S		212.000	8.5200								
PFM 2-4 GT'S		212.000	8.5200								
PPE 3-2 GT'S		210.000	8.6300								
PPE 3-2 GT'S		210.000	8.6300								
PFL 3-2 GT'S		210.000	8.6300								
PFL 3-2 GT'S		210.000									
PFL 3-2 GT'S		210.000									
TPDIESEL 1-5		12.000	8.6300								
FC 3&65	2005	465.000									

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2024

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 3		MUST	693.000		0.4979							
ST LUCIE 2		MUST	714.000		0.5107							
TURKEY POINT 4		MUST	693.000		0.5257							
ST LUCIE 1		MUST	839.000		0.5424							
BROWARD SOUTH 2			3.500		1.7900							
BROWARD NORTH 2			11.000		2.0500							
SJRPP 1 (OWN)			254.000		2.0500							
CEDAR BAY			250.000		2.3700							
SCHERER 4			658.000		2.2100							
IND-TOWN			330.000		2.7500							
MR EXPAN 4x1 PF	2005		27.000		5.8200							
MR EXPAN 4x1	2005		984.000		5.8200							
CC- (GREENFIELD)	2007		1107.000		5.8200							
CC- (GREENFIELD)	2009		1107.000		5.8200							
CC- (GREENFIELD)	2010		1107.000		5.8200							
CC- (GREENFIELD)	2010		1107.000		5.8200							
CC- (GREENFIELD)	2012		1107.000		5.8200							
CC- (GREENFIELD)	2015		1107.000		5.8200							

EVERGLADES 1		221.000	[REDACTED]	5.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2		816.000	[REDACTED]	5.9285	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 1		824.000	[REDACTED]	5.9272	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY		318.000	[REDACTED]	6.6100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2019	159.000	[REDACTED]	6.7624	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020	159.000	[REDACTED]	6.7624	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-LC	DHYDR	1392.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020	159.000	[REDACTED]	6.7624	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020	159.000	[REDACTED]	6.7624	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 6		144.000	[REDACTED]	6.6100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 5		71.000	[REDACTED]	6.6100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	9.0300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	9.0300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

CC- (GREENFIELD) 2010
CC- (GREENFIELD) 2010
CC- (GREENFIELD) 2012
CC- (GREENFIELD) 2015
CC- (GREENFIELD) 2017

1107.000
1107.000
1107.000
1107.000
1107.000

6.5900
6.5900
6.5900
6.5900
6.5900

MARTIN 4
PSNREP 4
PSNREP 5
MARTIN 3
PFMREP 1 CT/CC

474.000
957.000
957.000
474.000
1473.043

7.2000
7.2000
7.2000
7.2000
7.2000

FT LAUD 5		427.000	[REDACTED]	7.2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FT LAUD 4		427.000	[REDACTED]	7.2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 4		290.000	[REDACTED]	4.8000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 3		283.000	[REDACTED]	4.8000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 DF	2005	96.000	[REDACTED]	6.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 1		249.000	[REDACTED]	7.2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 1		403.000	[REDACTED]	6.0900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
SANFORD 3		142.000	[REDACTED]	5.2300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 2		249.000	[REDACTED]	7.2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 2		400.000	[REDACTED]	6.1100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-CONS	DHYDR	595.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 1		410.000	[REDACTED]	6.1100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 3		390.000	[REDACTED]	6.0600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 4		410.000	[REDACTED]	6.0600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 2		221.000	[REDACTED]	6.0600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 2		810.000	[REDACTED]	6.0200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 2		403.000	[REDACTED]	6.0900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 1		815.000	[REDACTED]	6.0200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 1		221.000	[REDACTED]	6.0600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ECONOM 1	HYDR	210.000	[REDACTED]	3.9500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE						2/11/ 2	20:36:37

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2028

* LOADING ORDER *

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
								FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
MARTIN 2			816.000	[REDACTED]	6.4496	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 1			824.000	[REDACTED]	6.4483	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY			318.000	[REDACTED]	7.2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2019		159.000	[REDACTED]	7.3476	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020		159.000	[REDACTED]	7.3476	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020		159.000	[REDACTED]	7.3476	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-LC		DHYDR	1392.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020		159.000	[REDACTED]	7.3476	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 6			144.000	[REDACTED]	7.2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 5			71.000	[REDACTED]	7.2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PFM 2-4 GT'S	212.000		9.8600								
PFM 2-4 GT'S	212.000		9.8600								
PFM 2-4 GT'S	212.000		9.8600								
PPE 3-2 GT'S	210.000		10.0300								
PPE 3-2 GT'S	210.000		10.0300								
PFL 3-2 GT'S	210.000		10.0300								
PFL 3-2 GT'S	210.000		10.0300								
PFL 3-2 GT'S	210.000		10.0300								
PFL 3-2 GT'S	210.000		10.0300								
TPDIESEL 1-5	12.000		10.0300								
FC 3&65	2005	465.000									

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2029

* LOADING ORDER *

UNIT NAME	ALT INST	YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
									FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
TURKEY POINT 3			MUST	693.000		0.5081							
ST LUCIE 2			MUST	714.000		0.5217							
TURKEY POINT 4			MUST	693.000		0.5717							
ST LUCIE 1			MUST	839.000		0.5856							
SJRPP 1 (OWN)				254.000		2.2300							
SCHERER 4				658.000		2.4000							
MR EXPAN 4x1 PF	2005			27.000		6.7900							
MR EXPAN 4x1	2005			984.000		6.7900							
CC- (GREENFIELD)	2007			1107.000		6.7900							
CC- (GREENFIELD)	2009			1107.000		6.7900							
CC- (GREENFIELD)	2010			1107.000		6.7900							
CC- (GREENFIELD)	2010			1107.000		6.7900							
CC- (GREENFIELD)	2012			1107.000		6.7900							
CC- (GREENFIELD)	2015			1107.000		6.7900							
CC- (GREENFIELD)	2017			1107.000		6.7900							
MARTIN 4				474.000		7.4100							

CT	2020	159.000	[REDACTED]	7.7694	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020	159.000	[REDACTED]	7.7694	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CT	2020	159.000	[REDACTED]	7.7694	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 6		144.000	[REDACTED]	7.6200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUTLER 5		71.000	[REDACTED]	7.6200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-LC	DHYDR	1392.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	10.4600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	10.4600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFM 2-4 GT'S		212.000	[REDACTED]	10.4600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S		210.000	[REDACTED]	10.6700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S		210.000	[REDACTED]	10.6700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

PFL 3-2 GT'S	210.000	10.6700
PFL 3-2 GT'S	210.000	10.6700
PFL 3-2 GT'S	210.000	10.6700
PFL 3-2 GT'S	210.000	10.6700
TPDIESEL 1-5	12.000	10.6700

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.

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

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RELIABILITY - ANNUAL REPORT

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PLAN 1

YEAR	PEAK LOAD MW	ENERGY GWH	RESERVE CAPACITY MW	RESERVE MARGIN PCT.	EMERGENCY CAPACITY MW	---LOSS OF LOAD--- HOURS	PROB.	OPERATING CAPACITY MW	--UNSERVED GWH	ENERGY-- PCT.
2001	18754.0	95684.9	21530.6	15.93	21618.6	0.11	0.000012	21583.1	0.3	0.00
2002	19131.0	99161.8	22871.6	21.11	22959.7	0.01	0.000002	22924.1	0.1	0.00
2003	19765.0	104413.9	23976.6	23.05	24222.2	0.00	0.000000	24186.6	0.0	0.00
2004	20226.0	108041.9	24055.6	20.53	24301.2	0.01	0.000001	24265.6	0.0	0.00
2005	20719.0	111771.9	24662.6	20.68	24908.2	0.01	0.000001	24872.6	0.0	0.00
2006	21186.0	115601.9	25134.1	20.29	25379.7	0.01	0.000001	25344.1	0.0	0.00
2007	21556.0	118156.9	25872.1	21.85	26117.7	0.01	0.000001	26082.1	0.0	0.00
2008	21870.0	120548.9	25951.1	20.42	26196.7	0.02	0.000002	26161.1	0.0	0.00
2009	22271.0	122921.9	26558.0	21.11	26803.6	0.02	0.000002	26768.0	0.0	0.00
2010	22687.0	125447.9	27823.5	24.81	28069.1	0.00	0.000000	28033.5	0.0	0.00
2011	23106.0	127511.9	27780.5	22.13	28026.1	0.01	0.000001	27990.5	0.0	0.00
2012	23495.0	128964.9	28887.5	25.07	29133.1	0.00	0.000000	29097.5	0.0	0.00
2013	23887.0	130433.9	28887.5	22.83	29133.1	0.00	0.000000	29097.5	0.0	0.00
2014	24294.0	132013.9	28887.5	20.59	29133.1	0.01	0.000001	29097.5	0.0	0.00
2015	24696.0	133570.9	29994.5	23.33	30240.1	0.00	0.000000	30204.5	0.0	0.00
2016	25110.0	135222.9	29994.5	21.12	30240.1	0.01	0.000001	30204.5	0.0	0.00
2017	25489.0	136988.9	31101.5	23.88	31347.1	0.00	0.000000	31311.5	0.0	0.00
2018	25890.0	138628.9	31101.5	21.80	31347.1	0.00	0.000000	31311.5	0.0	0.00
2019	26267.0	140152.9	31260.5	20.57	31506.1	0.01	0.000001	31470.5	0.0	0.00
2020	26680.0	141532.9	31737.5	20.48	31983.1	0.01	0.000001	31947.5	0.0	0.00
2021	27100.0	142925.9	31737.5	18.47	31983.1	0.01	0.000001	31947.5	0.0	0.00
2022	27100.0	142925.9	31355.5	16.95	31601.1	0.03	0.000003	31565.5	0.1	0.00
2023	27100.0	142925.9	31355.5	16.95	31601.1	0.03	0.000003	31565.5	0.0	0.00
2024	27100.0	142925.9	31355.5	16.95	31601.1	0.03	0.000003	31565.5	0.0	0.00
2025	27100.0	142925.9	31105.5	15.95	31351.1	0.04	0.000005	31315.5	0.1	0.00
2026	27100.0	142925.9	30775.5	14.64	31021.1	0.08	0.000010	30985.5	0.1	0.00

2027	27100.0	142925.9	30761.0	14.58	31006.6	0.08	0.000010	30971.0	0.1	0.00
2028	27100.0	142925.9	30761.0	14.58	31006.6	0.08	0.000010	30971.0	0.1	0.00
2029	27100.0	142925.9	30761.0	14.58	31006.6	0.08	0.000010	30971.0	0.1	0.00
2030	27100.0	142925.9	30296.0	12.73	30541.6	0.21	0.000024	30506.0	0.4	0.00

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

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PLAN 1

YEARS	-----LOADS-----				-----RESOURCES-----				RESERVE MARGIN PCT.
	PEAK LOAD MW	PURCH./SALE CONTRACTS	DEMAND-SIDE MANAGEMENT	NET LOADS MW	CAPACITY MW	RESERVE SHARING	PURCH./SALE CONTRACTS	NET RESOURCES MW	
2001	18754.0	0.0	-1328.0	17426.0	20202.6	0.0	0.0	20202.6	15.93
2002	19131.0	0.0	-1414.0	17717.0	21457.6	0.0	0.0	21457.6	21.11
2003	19765.0	0.0	-1491.0	18274.0	22485.6	0.0	0.0	22485.6	23.05
2004	20226.0	0.0	-1570.0	18656.0	22485.6	0.0	0.0	22485.6	20.53
2005	20719.0	0.0	-1650.0	19069.0	23012.6	0.0	0.0	23012.6	20.68
2006	21186.0	0.0	-1729.0	19457.0	23405.1	0.0	0.0	23405.1	20.29
2007	21556.0	0.0	-1807.0	19749.0	24065.1	0.0	0.0	24065.1	21.85
2008	21870.0	0.0	-1886.0	19984.0	24065.1	0.0	0.0	24065.1	20.42
2009	22271.0	0.0	-1962.0	20309.0	24596.0	0.0	0.0	24596.0	21.11
2010	22687.0	0.0	-1985.0	20702.0	25838.5	0.0	0.0	25838.5	24.81
2011	23106.0	0.0	-1987.0	21119.0	25793.5	0.0	0.0	25793.5	22.13
2012	23495.0	0.0	-1987.0	21508.0	26900.5	0.0	0.0	26900.5	25.07
2013	23887.0	0.0	-1987.0	21900.0	26900.5	0.0	0.0	26900.5	22.83
2014	24294.0	0.0	-1987.0	22307.0	26900.5	0.0	0.0	26900.5	20.59
2015	24696.0	0.0	-1987.0	22709.0	28007.5	0.0	0.0	28007.5	23.33
2016	25110.0	0.0	-1987.0	23123.0	28007.5	0.0	0.0	28007.5	21.12
2017	25489.0	0.0	-1987.0	23502.0	29114.5	0.0	0.0	29114.5	23.88
2018	25890.0	0.0	-1987.0	23903.0	29114.5	0.0	0.0	29114.5	21.80
2019	26267.0	0.0	-1987.0	24280.0	29273.5	0.0	0.0	29273.5	20.57
2020	26660.0	0.0	-1987.0	24693.0	29750.5	0.0	0.0	29750.5	20.48
2021	27100.0	0.0	-1987.0	25113.0	29750.5	0.0	0.0	29750.5	18.47
2022	27100.0	0.0	-1987.0	25113.0	29368.5	0.0	0.0	29368.5	16.95
2023	27100.0	0.0	-1987.0	25113.0	29368.5	0.0	0.0	29368.5	16.95
2024	27100.0	0.0	-1987.0	25113.0	29368.5	0.0	0.0	29368.5	16.95
2025	27100.0	0.0	-1987.0	25113.0	29118.5	0.0	0.0	29118.5	15.95
2026	27100.0	0.0	-1987.0	25113.0	28788.5	0.0	0.0	28788.5	14.64
2027	27100.0	0.0	-1987.0	25113.0	28774.0	0.0	0.0	28774.0	14.58

2028	27100.0	0.0	-1987.0	25113.0	28774.0	0.0	0.0	28774.0	14.58
2029	27100.0	0.0	-1987.0	25113.0	28774.0	0.0	0.0	28774.0	14.58
2030	27100.0	0.0	-1987.0	25113.0	28309.0	0.0	0.0	28309.0	12.73

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2001

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1266.000							
DSM-CONS		62.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
SANFORD 4		381.000							
SANFORD 5		391.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
FT MYERS 1		141.000							
FT MYERS 2		402.000							
CUTLER 5		71.000							

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CUTLER 6 144.000
MARTIN 1 824.000

MARTIN 2 816.000
PFM 2-4 GT'S 212.000
PFM 2-4 GT'S 212.000
PFM 2-4 GT'S 212.000
PFL 3-2 GT'S 210.000

PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PPE 3-2 GT'S 210.000
PPE 3-2 GT'S 210.000

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2001

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
TPDIESEL 1-5		12.000							
SOUCO		928.000							
ECONOM 1		52.500							
SCHERER 4		658.000							
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
BIO ENERGY		10.000							
ROYSTER		9.000							
2 ADV CT-MART		318.000							

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FPC PURCHASE 50.000

2 ADV CT-FT MY 318.000
PFMREP 1 CT/CC 894.000

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EGEAS REPORT VERSION 7.32 MAINTENANCE SCHEDULE BY UNIT REPORT PAGE 184

PLAN 1 YEAR 2002

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2
				NO. WEEKS START WEEK END WEEK	NO. WEEKS START WEEK END WEEK
				-----	-----
DSM-LC		1292.000			
DSM-CONS		122.000			
TURKEY POINT 1		410.000			
TURKEY POINT 2		400.000			
TURKEY POINT 3		693.000			
TURKEY POINT 4		693.000			
FT LAUD 4		427.000			
FT LAUD 5		427.000			
EVERGLADES 1		221.000			
EVERGLADES 2		221.000			
EVERGLADES 3		390.000			
EVERGLADES 4		410.000			
RIVIERA 3		283.000			
RIVIERA 4		290.000			
ST LUCIE 1		839.000			
ST LUCIE 2		714.000			
CAPE CAN 1		403.000			
CAPE CAN 2		403.000			
SANFORD 3		142.000			
PUTNAM 1		249.000			
PUTNAM 2		249.000			
MANATEE 1		815.000			
MANATEE 2		810.000			
CUTLER 5		71.000			
CUTLER 6		144.000			
MARTIN 1		824.000			
MARTIN 2		816.000			

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PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
SOUCO	928.000
ECONOM 1	52.500
SCHERER 4	658.000



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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2002

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
BIO ENERGY		10.000							
2 ADV CT-MART		318.000							
FPC PURCHASE		50.000							
FIRM PURCHASE		1043.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 5		957.000							
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PLAN 1 YEAR 2003

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1308.000							
DSM-CONS		183.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							

01330

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

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PLAN 1 YEAR 2003

01331

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
BIO ENERGY		10.000							
2 ADV CT-MART		318.000							
FPC PURCHASE		50.000							
FIRM PURCHASE		894.000							
LW CC PURCH		220.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							

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PLAN 1 YEAR 2004

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1324.000							
DSM-CONS		246.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							

01332

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

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PLAN. 1 YEAR 2004

01333

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
FLCSTONE		133.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
BIO ENERGY		10.000							
2 ADV CT-MART		318.000							
FPC PURCHASE		50.000							
FIRM PURCHASE		894.000							
LW CC PURCH		220.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
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PLAN 1 YEAR 2005

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1340.000							
DSM-CONS		310.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							

01334

FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000

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

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

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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

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PLAN 1 YEAR 2005

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

01336

BROWARD SOUTH 1 50.600
 BROWARD SOUTH 2 3.500
 FIRM PURCHASE 447.000
 2 ADV CT-FT MY 318.000
 PFMREP 1 CT/CC 1473.043

PSNREP 4 957.000
 PSNREP 5 957.000
 FC 3&65 2005 465.000
 MR EXPAN 4x1 2005 984.000
 MR EXPAN 4x1 DF 2005 96.000

MR EXPAN 4x1 PF 2005 27.000

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PLAN 1 YEAR 2006

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1354.000							
DSM-CONS		375.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							

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

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

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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

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PLAN 1 YEAR 2006

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

01338

BROWARD SOUTH 2 3.500
 FIRM PURCHASE 447.000
 2 ADV CT-FT MY 318.000
 PFMREP 1 CT/CC 1473.043
 PSNREP 4 957.000

 PSNREP 5 957.000
 FC 3&65 2005 465.000
 FC 19&58 2006 478.200
 FC 19&58 DF 2006 47.300
 MR EXPAN 4x1 2005 984.000

 MR EXPAN 4x1 DF 2005 96.000
 MR EXPAN 4x1 PF 2005 27.000



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PLAN 1 YEAR 2007

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1367.000							
DSM-CONS		440.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							

01339

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

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PLAN 1 YEAR 2007

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

01340

BROWARD SOUTH 2		3.500
2 ADV CT-FT MY		318.000
PFMREP 1 CT/CC		1473.043
PSNREP 4		957.000
PSNREP 5		957.000
FC 3&65	2005	465.000
FC 19&58	2006	478.200
FC 19&58 DF	2006	47.300
MR EXPAN 4x1	2005	984.000
MR EXPAN 4x1 DF	2005	96.000



MR EXPAN 4x1 PF 2005 27.000
 CC-(GREENFIELD) 2007 1107.000
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PLAN 1 YEAR 2008

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1380.000							
DSM-CONS		506.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							

01342

PFM 2-4 GT'S 212.000
 PFM 2-4 GT'S 212.000

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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

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PLAN 1 YEAR 2008

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 1		50.600							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
FC 19&58	2006	478.200							
FC 19&58 DF	2006	47.300							
MR EXPAN 4x1	2005	984.000							

01343

MR EXPAN 4x1 DF 2005 96.000
 MR EXPAN 4x1 PF 2005 27.000
 CC-(GREENFIELD) 2007 1107.000
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PLAN 1 YEAR 2009

UNIT NAME	PLAN ALT	RATED	FORCEDMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
	INSTALL YEAR	CAPACITY MW	OUTAGE RATE	NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1390.000							
DSM-CONS		572.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							

01344

PFM 2-4 GT'S 212.000
 PFM 2-4 GT'S 212.000
 PFM 2-4 GT'S 212.000

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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

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PLAN 1 YEAR 2009

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 1 (OWN)		254.000							
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
PALM BEACH		43.500							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							

01345

CC- (GREENFIELD) 2007 1107.000
 CC- (GREENFIELD) 2009 1107.000
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PLAN 1 YEAR 2010

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1390.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3		693.000							
TURKEY POINT 4		693.000							
FT LAUD 4		427.000							
FT LAUD 5		427.000							
EVERGLADES 1		221.000							
EVERGLADES 2		221.000							
EVERGLADES 3		390.000							
EVERGLADES 4		410.000							
RIVIERA 3		283.000							
RIVIERA 4		290.000							
ST LUCIE 1		839.000							
ST LUCIE 2		714.000							
CAPE CAN 1		403.000							
CAPE CAN 2		403.000							
SANFORD 3		142.000							
PUTNAM 1		249.000							
PUTNAM 2		249.000							
MANATEE 1		815.000							
MANATEE 2		810.000							
CUTLER 5		71.000							
CUTLER 6		144.000							
MARTIN 1		824.000							
MARTIN 2		816.000							
PFM 2-4 GT'S		212.000							
PFM 2-4 GT'S		212.000							

01346

PFM 2-4 GT'S 212.000
PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PPE 3-2 GT'S 210.000

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



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PLAN 1 YEAR 2010

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 1		45.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2010	1107.000							

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MAINTENANCE SCHEDULE BY UNIT REPORT

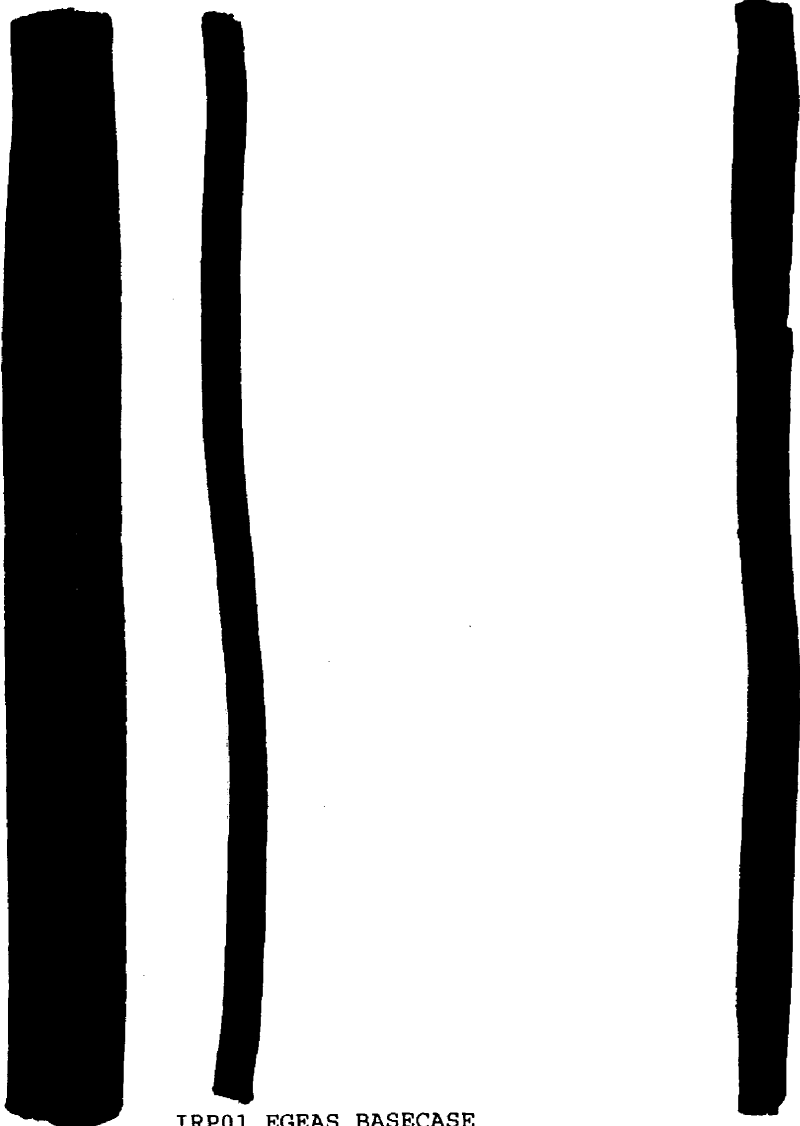
PAGE 202

PLAN 1 YEAR 2011

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

01348

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



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PLAN 1 YEAR 2011

01349

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2			
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK	
SJRPP 2 (PURCH)		382.000								
MARTIN 3		474.000								
MARTIN 4		474.000								
CEDAR BAY		250.000								
IND-TOWN		330.000								
BROWARD NORTH 2		11.000								
BROWARD SOUTH 2		3.500								
2 ADV CT-FT MY		318.000								
PFMREP 1 CT/CC		1473.043								
PSNREP 4		957.000								
PSNREP 5		957.000								
FC 3&65	2005	465.000								
MR EXPAN 4x1	2005	984.000								
MR EXPAN 4x1 DF	2005	96.000								
MR EXPAN 4x1 PF	2005	27.000								
CC- (GREENFIELD)	2007	1107.000								
CC- (GREENFIELD)	2009	1107.000								
CC- (GREENFIELD)	2010	1107.000								
CC- (GREENFIELD)	2010	1107.000								
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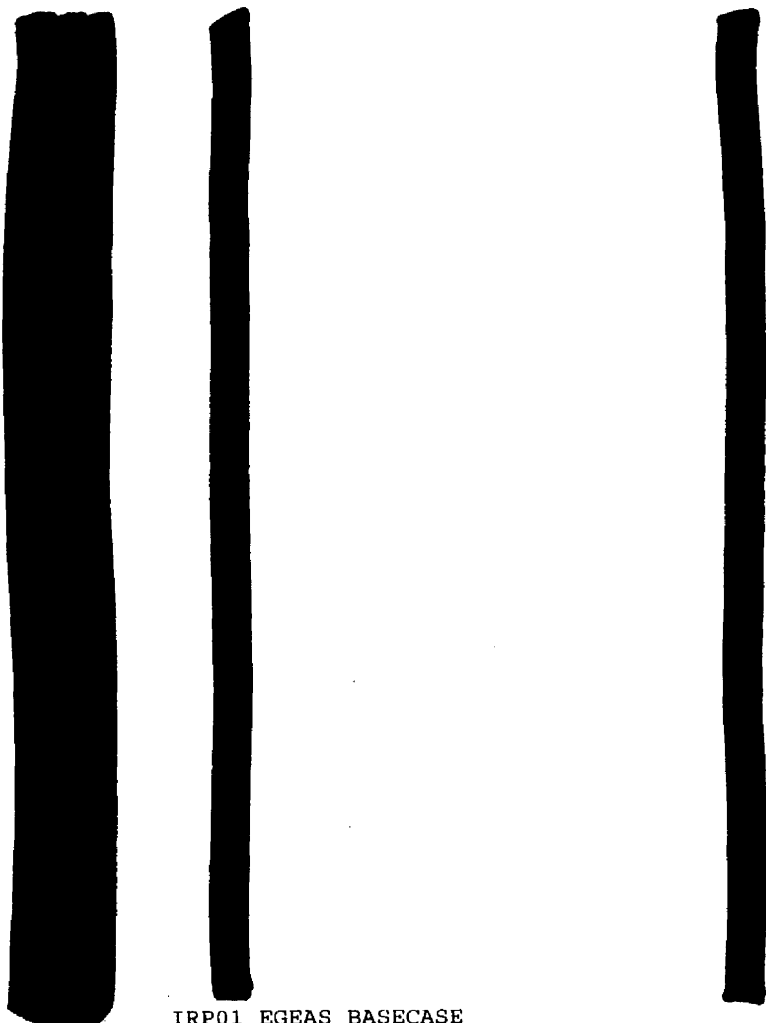
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PLAN 1 YEAR 2012

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

01350

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



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PLAN 1 YEAR 2012

PLAN ALT	RATED	FORCED	MAINTENANCE PERIOD 1	MAINTENANCE PERIOD 2
INSTALL	CAPACITY	OUTAGE					

01351

UNIT NAME	YEAR	MW	RATE	NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2012	1107.000							

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PLAN 1 YEAR 2013

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

EVERGLADES 3	390.000	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 4	410.000	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 3	283.000	[REDACTED]	[REDACTED]	[REDACTED]
RIVIERA 4	290.000	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	839.000	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2	714.000	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 1	403.000	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 2	403.000	[REDACTED]	[REDACTED]	[REDACTED]
SANFORD 3	142.000	[REDACTED]	[REDACTED]	[REDACTED]
PUTNAM 1	249.000	[REDACTED]	[REDACTED]	[REDACTED]

01353

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

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

PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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

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PLAN 1 YEAR 2013

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							

01354

PSNREP 5 957.000
 FC 3&65 2005 465.000
 MR EXPAN 4x1 2005 984.000
 MR EXPAN 4x1 DF 2005 96.000
 MR EXPAN 4x1 PF 2005 27.000

CC- (GREENFIELD) 2007 1107.000
 CC- (GREENFIELD) 2009 1107.000
 CC- (GREENFIELD) 2010 1107.000
 CC- (GREENFIELD) 2010 1107.000
 CC- (GREENFIELD) 2012 1107.000

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PLAN 1 YEAR 2014

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

01355

MANATEE 1 815.000
 MANATEE 2 810.000
 CUTLER 5 71.000
 CUTLER 6 144.000

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

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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



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PLAN 1 YEAR 2014

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							



01356

MR EXPAN 4x1 2005 984.000
 MR EXPAN 4x1 DF 2005 96.000
 MR EXPAN 4x1 PF 2005 27.000

CC-(GREENFIELD) 2007 1107.000
 CC-(GREENFIELD) 2009 1107.000
 CC-(GREENFIELD) 2010 1107.000
 CC-(GREENFIELD) 2010 1107.000
 CC-(GREENFIELD) 2012 1107.000

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2015

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

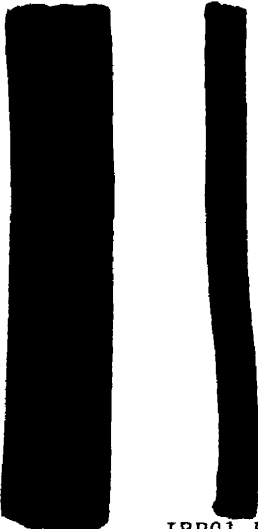
01357

CUTLER 5 71.000
 CUTLER 6 144.000

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

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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



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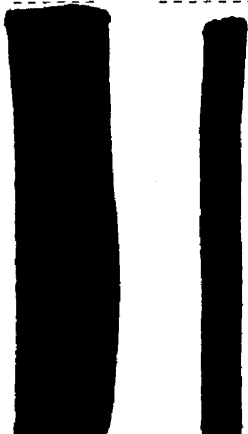
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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2015

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							



01358

MR EXPAN 4x1 PF 2005 27.000
CC- (GREENFIELD) 2007 1107.000
CC- (GREENFIELD) 2009 1107.000
CC- (GREENFIELD) 2010 1107.000
CC- (GREENFIELD) 2010 1107.000
CC- (GREENFIELD) 2012 1107.000
CC- (GREENFIELD) 2015 1107.000



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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2016

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

01360

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

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2016

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2012	1107.000							
CC-(GREENFIELD)	2015	1107.000							

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PLAN 1 YEAR 2017

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

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

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2017

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2012	1107.000							
CC-(GREENFIELD)	2015	1107.000							
CC-(GREENFIELD)	2017	1107.000							

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PLAN 1 YEAR 2018

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

PFL 3-2 GT'S 210.000
PPE 3-2 GT'S 210.000

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



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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2018

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 3		474.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 4		474.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CEDAR BAY		250.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
IND-TOWN		330.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD NORTH 2		11.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2		3.500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY		318.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFMREP 1 CT/CC		1473.043	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 4		957.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PSNREP 5		957.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FC 3&65	2005	465.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1	2005	984.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 DF	2005	96.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MR EXPAN 4x1 PF	2005	27.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2007	1107.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2009	1107.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2010	1107.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2010	1107.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2012	1107.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2015	1107.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CC- (GREENFIELD)	2017	1107.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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PLAN 1 YEAR 2019

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-CONS		595.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 1		410.000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

01366

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

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PLAN 1 YEAR 2019

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2012	1107.000							
CC- (GREENFIELD)	2015	1107.000							
CC- (GREENFIELD)	2017	1107.000							
CT	2019	159.000							

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2020

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

01368

DSM-CONS	595.000
TURKEY POINT 1	410.000
TURKEY POINT 2	400.000
TURKEY POINT 3	693.000
TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000
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01369

PLAN 1 YEAR 2020

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
SJRPP 2 (PURCH)		382.000							
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2012	1107.000							
CC-(GREENFIELD)	2015	1107.000							
CC-(GREENFIELD)	2017	1107.000							
CT	2019	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							

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PLAN 1 YEAR 2021

01370

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

01371

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

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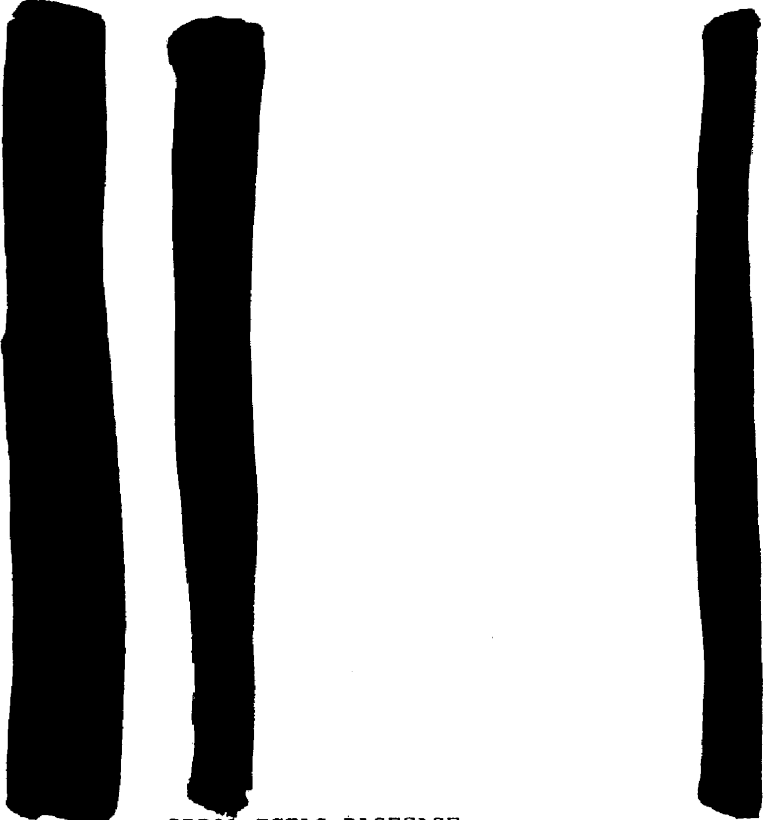
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PLAN 1 YEAR 2021

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

01372

SJRPP 2 (PURCH)		382.000
MARTIN 3		474.000
MARTIN 4		474.000
CEDAR BAY		250.000
IND-TOWN		330.000
BROWARD NORTH 2		11.000
BROWARD SOUTH 2		3.500
2 ADV CT-FT MY		318.000
PFMREP 1 CT/CC		1473.043
PSNREP 4		957.000
PSNREP 5		957.000
FC 3&65	2005	465.000
MR EXPAN 4x1	2005	984.000
MR EXPAN 4x1 DF	2005	96.000
MR EXPAN 4x1 PF	2005	27.000
CC- (GREENFIELD)	2007	1107.000
CC- (GREENFIELD)	2009	1107.000
CC- (GREENFIELD)	2010	1107.000
CC- (GREENFIELD)	2010	1107.000
CC- (GREENFIELD)	2012	1107.000
CC- (GREENFIELD)	2015	1107.000
CC- (GREENFIELD)	2017	1107.000
CT	2019	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000



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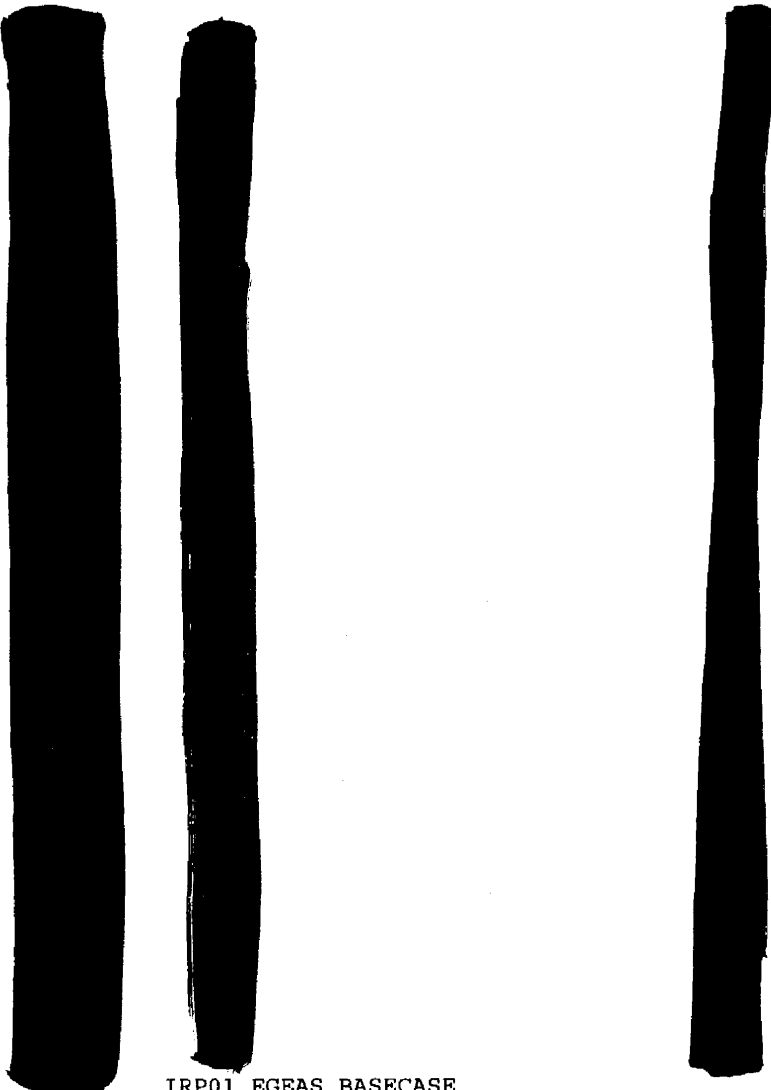
PLAN 1 YEAR 2022

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



01373

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



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PLAN 1 YEAR 2022

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
CEDAR BAY		250.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC-(GREENFIELD)	2007	1107.000							
CC-(GREENFIELD)	2009	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2010	1107.000							
CC-(GREENFIELD)	2012	1107.000							
CC-(GREENFIELD)	2015	1107.000							
CC-(GREENFIELD)	2017	1107.000							
CT	2019	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							

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PLAN 1 YEAR 2023

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

DSM-CONS	595.000
TURKEY POINT 1	410.000
TURKEY POINT 2	400.000
TURKEY POINT 3	693.000
TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000
ST LUCIE 2	714.000
CAPE CAN 1	403.000
CAPE CAN 2	403.000
SANFORD 3	142.000
PUTNAM 1	249.000
PUTNAM 2	249.000
MANATEE 1	815.000
MANATEE 2	810.000
CUTLER 5	71.000
CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000

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01376

PLAN 1 YEAR 2023

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000	[REDACTED]	[REDACTED]			[REDACTED]		
MARTIN 4		474.000	[REDACTED]	[REDACTED]			[REDACTED]		
CEDAR BAY		250.000	[REDACTED]	[REDACTED]			[REDACTED]		
IND-TOWN		330.000	[REDACTED]	[REDACTED]			[REDACTED]		
BROWARD NORTH 2		11.000	[REDACTED]	[REDACTED]			[REDACTED]		

BROWARD SOUTH 2 3.500
 2 ADV CT-FT MY 318.000
 PFMREP 1 CT/CC 1473.043
 PSNREP 4 957.000
 PSNREP 5 957.000

FC 3&65 2005 465.000
 MR EXPAN 4x1 2005 984.000
 MR EXPAN 4x1 DF 2005 96.000
 MR EXPAN 4x1 PF 2005 27.000
 CC- (GREENFIELD) 2007 1107.000

CC- (GREENFIELD) 2009 1107.000
 CC- (GREENFIELD) 2010 1107.000
 CC- (GREENFIELD) 2010 1107.000
 CC- (GREENFIELD) 2012 1107.000
 CC- (GREENFIELD) 2015 1107.000

CC- (GREENFIELD) 2017 1107.000
 CT 2019 159.000
 CT 2020 159.000
 CT 2020 159.000
 CT 2020 159.000

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PLAN 1 YEAR 2024

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

01378

EVERGLADES 3 390.000
 EVERGLADES 4 410.000
 RIVIERA 3 283.000
 RIVIERA 4 290.000
 ST LUCIE 1 839.000

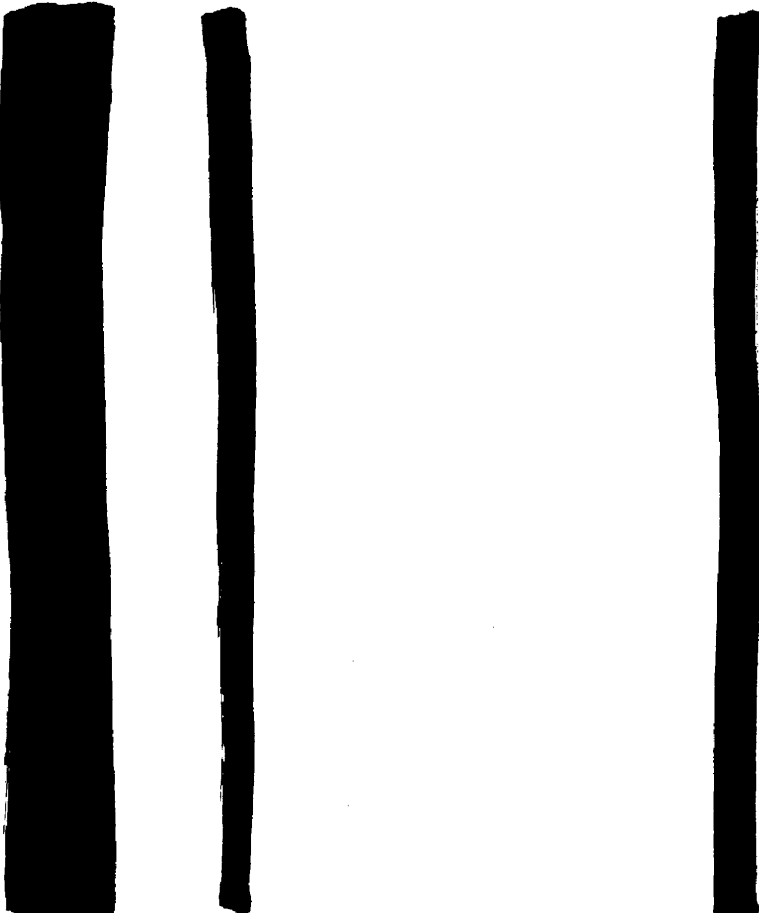
 ST LUCIE 2 714.000
 CAPE CAN 1 403.000
 CAPE CAN 2 403.000
 SANFORD 3 142.000
 PUTNAM 1 249.000

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

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

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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



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PLAN 1 YEAR 2024

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							

01379

MARTIN 4 474.000
 CEDAR BAY 250.000
 IND-TOWN 330.000
 BROWARD NORTH 2 11.000

BROWARD SOUTH 2 3.500
 2 ADV CT-FT MY 318.000
 PFMREP 1 CT/CC 1473.043
 PSNREP 4 957.000
 PSNREP 5 957.000

FC 3&65 2005 465.000
 MR EXPAN 4x1 2005 984.000
 MR EXPAN 4x1 DF 2005 96.000
 MR EXPAN 4x1 PF 2005 27.000
 CC- (GREENFIELD) 2007 1107.000

CC- (GREENFIELD) 2009 1107.000
 CC- (GREENFIELD) 2010 1107.000
 CC- (GREENFIELD) 2010 1107.000
 CC- (GREENFIELD) 2012 1107.000
 CC- (GREENFIELD) 2015 1107.000

CC- (GREENFIELD) 2017 1107.000
 CT 2019 159.000
 CT 2020 159.000
 CT 2020 159.000
 CT 2020 159.000

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PLAN 1 YEAR 2025

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

01380

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

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PLAN 1 YEAR 2025

PLAN ALT RATED FORCED

01381

UNIT NAME	INSTALL YEAR	CAPACITY MW	OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
IND-TOWN		330.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2012	1107.000							
CC- (GREENFIELD)	2015	1107.000							
CC- (GREENFIELD)	2017	1107.000							
CT	2019	159.000							
CT	2020	159.000							
CT	2020	159.000							
CT	2020	159.000							

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PLAN 1 YEAR 2026

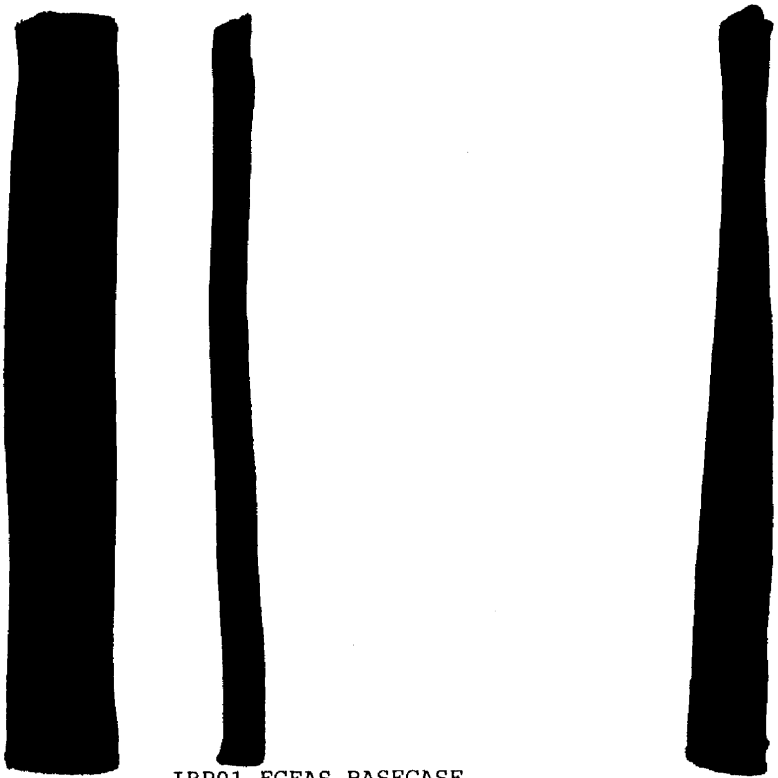
UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
TURKEY POINT 3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

01382

TURKEY POINT 4	693.000
FT LAUD 4	427.000
FT LAUD 5	427.000
EVERGLADES 1	221.000
EVERGLADES 2	221.000
EVERGLADES 3	390.000
EVERGLADES 4	410.000
RIVIERA 3	283.000
RIVIERA 4	290.000
ST LUCIE 1	839.000

01383

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



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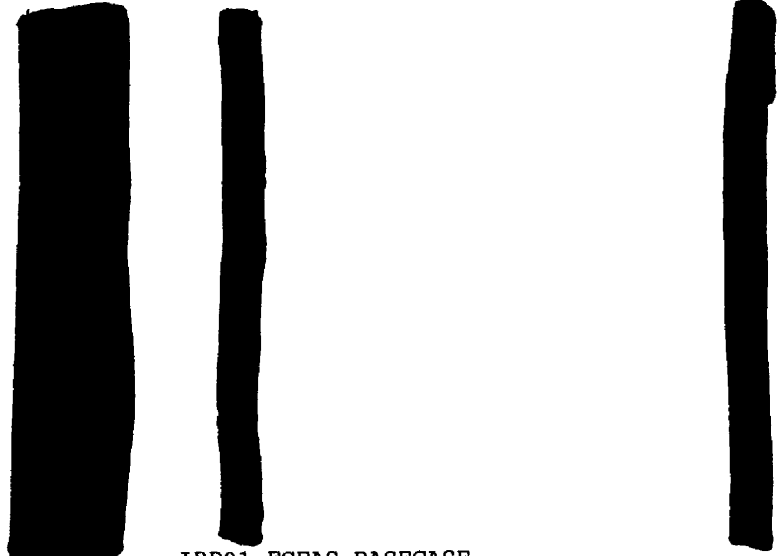
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PLAN 1 YEAR 2026

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
BROWARD NORTH 2		11.000							
BROWARD SOUTH 2		3.500							
2 ADV CT-FT MY		318.000							

01384

PFMREP	1 CT/CC	1473.043
PSNREP	4	957.000
PSNREP	5	957.000
FC 3&65	2005	465.000
MR EXPAN 4x1	2005	984.000
MR EXPAN 4x1 DF	2005	96.000
MR EXPAN 4x1 PF	2005	27.000
CC- (GREENFIELD)	2007	1107.000
CC- (GREENFIELD)	2009	1107.000
CC- (GREENFIELD)	2010	1107.000
CC- (GREENFIELD)	2010	1107.000
CC- (GREENFIELD)	2012	1107.000
CC- (GREENFIELD)	2015	1107.000
CC- (GREENFIELD)	2017	1107.000
CT	2019	159.000
CT	2020	159.000
CT	2020	159.000
CT	2020	159.000



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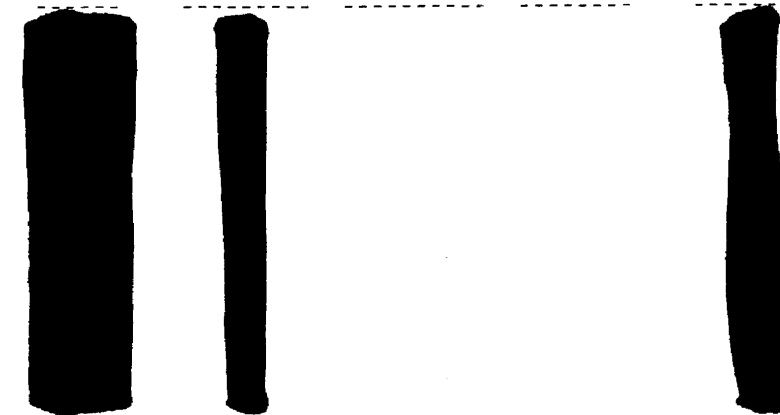
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PLAN 1 YEAR 2027

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



01385

RIVIERA 4 290.000
 ST LUCIE 1 839.000

 ST LUCIE 2 714.000
 CAPE CAN 1 403.000
 CAPE CAN 2 403.000
 SANFORD 3 142.000
 PUTNAM 1 249.000

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

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

 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PFL 3-2 GT'S 210.000
 PPE 3-2 GT'S 210.000

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



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PLAN 1 YEAR 2027

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							

01386

PSNREP	4		957.000
PSNREP	5		957.000
FC 3&65	2005		465.000
MR EXPAN 4x1	2005		984.000
MR EXPAN 4x1 DF	2005		96.000
MR EXPAN 4x1 PF	2005		27.000
CC- (GREENFIELD)	2007		1107.000
CC- (GREENFIELD)	2009		1107.000
CC- (GREENFIELD)	2010		1107.000
CC- (GREENFIELD)	2010		1107.000
CC- (GREENFIELD)	2012		1107.000
CC- (GREENFIELD)	2015		1107.000
CC- (GREENFIELD)	2017		1107.000
CT	2019		159.000
CT	2020		159.000
CT	2020		159.000
CT	2020		159.000



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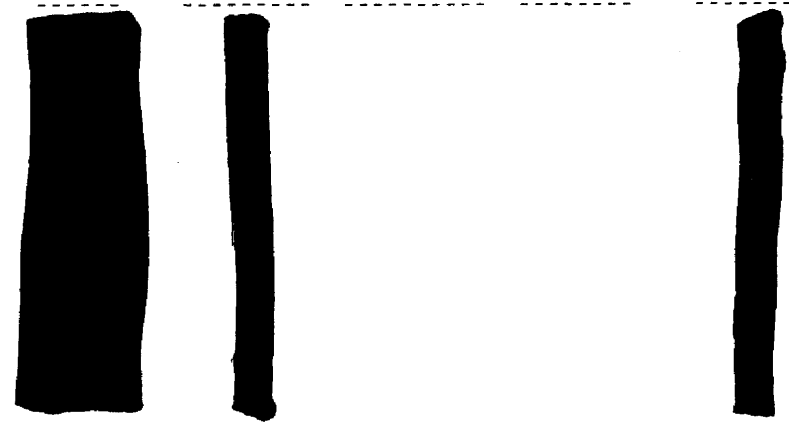
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PLAN 1 YEAR 2028

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



01387

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



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PLAN 1 YEAR 2028

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							

01388

PSNREP	4		957.000
PSNREP	5		957.000
FC 3&65	2005		465.000
MR EXPAN 4x1	2005		984.000
MR EXPAN 4x1 DF	2005		96.000
MR EXPAN 4x1 PF	2005		27.000
CC- (GREENFIELD)	2007		1107.000
CC- (GREENFIELD)	2009		1107.000
CC- (GREENFIELD)	2010		1107.000
CC- (GREENFIELD)	2010		1107.000
CC- (GREENFIELD)	2012		1107.000

CC- (GREENFIELD) 2015 1107.000
 CC- (GREENFIELD) 2017 1107.000
 CT 2019 159.000
 CT 2020 159.000
 CT 2020 159.000

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PLAN 1 YEAR 2029

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

01390

CUTLER 6 144.000
MARTIN 1 824.000
MARTIN 2 816.000
PFM 2-4 GT'S 212.000
PFM 2-4 GT'S 212.000
PFM 2-4 GT'S 212.000
PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PFL 3-2 GT'S 210.000
PPE 3-2 GT'S 210.000
PPE 3-2 GT'S 210.000
TPDIESEL 1-5 12.000
ECONOM 1 210.000
SCHERER 4 658.000
SJRPP 1 (OWN) 254.000

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PLAN 1 YEAR 2029

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2' ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
FC 3&65	2005	465.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2012	1107.000							

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CC- (GREENFIELD) 2015 1107.000
 CC- (GREENFIELD) 2017 1107.000
 CT 2019 159.000
 CT 2020 159.000
 CT 2020 159.000

CT 2020 159.000
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PLAN 1 YEAR 2030

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

CUTLER 6	144.000
MARTIN 1	824.000
MARTIN 2	816.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFM 2-4 GT'S	212.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PFL 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
PPE 3-2 GT'S	210.000
TPDIESEL 1-5	12.000
ECONOM 1	210.000
SCHERER 4	658.000
SJRPP 1 (OWN)	254.000

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2030

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATEMAINTENANCE PERIOD 1MAINTENANCE PERIOD 2		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
MARTIN 3		474.000							
MARTIN 4		474.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							
MR EXPAN 4x1	2005	984.000							
MR EXPAN 4x1 DF	2005	96.000							
MR EXPAN 4x1 PF	2005	27.000							
CC- (GREENFIELD)	2007	1107.000							
CC- (GREENFIELD)	2009	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2010	1107.000							
CC- (GREENFIELD)	2012	1107.000							
CC- (GREENFIELD)	2015	1107.000							

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CC- (GREENFIELD) 2017 1107.000
 CT 2019 159.000
 CT 2020 159.000
 CT 2020 159.000
 CT 2020 159.000

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PLAN 1 YEAR 2001

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

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PLAN 1 YEAR 2002

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	44465.	7712.	MCF	1000.00		3.42902E+05			3.67431E+05	3.23	1107573.	24.91
1%MT	476.	10489.	BBL	6.39		7.80776E+05				3.62	18061.	37.97
1%TP	1530.	9785.	BBL	6.39		2.34375E+06				3.69	55264.	36.11
1%PE	1191.	9975.	BBL	6.39		1.85927E+06				3.66	43484.	36.51
2%RV	1748.	10208.	BBL	6.38		2.79685E+06				3.25	57993.	33.17
1%CC	1377.	9706.	BBL	6.39		2.09111E+06				3.67	49039.	35.62
1.8S	52.	11073.	BBL	5.84		9.84271E+04				3.39	1949.	37.54
.5FM	13.	13269.	BBL	5.81		2.87589E+04				5.84	976.	77.49
.5GT	1.	15834.	BBL	5.81		2.66708E+03				5.79	90.	91.68
1%MR	2004.	10099.	BBL	6.39		3.16784E+06				3.69	74695.	37.26
FPC	428.	10000.	PUR	1.00		4.28064E+06				1.77	7598.	17.75

NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.40	23698.	4.46
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.39	22919.	4.32
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.42	29606.	4.51
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.40	24132.	4.32
MIL	6648.	10000.	TON	23.00	2.89032E+06	1.62	107693.	16.20
ECON	4.	10000.	TON	23.00	1.78221E+03	4.15	170.	41.50
CSH4	5222.	10463.	TON	19.11	2.85893E+06	1.78	97249.	18.62
CSJR	5047.	9762.	TON	24.14	2.04086E+06	1.51	74392.	14.74
QCB	1797.	9745.	COG	24.00	7.29559E+05	1.74	30466.	16.96
QICL	2111.	10000.	COG	24.00	8.79765E+05	2.36	49830.	23.60
QPB	331.	10500.	COG	24.00	1.44643E+05	1.64	5693.	17.22
QFCS	964.	10500.	COG	24.00	4.21910E+05	1.64	16606.	17.22
QBN1	265.	10500.	COG	24.00	1.15948E+05	2.68	7458.	28.14
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.64	1440.	17.22
QBS1	296.	10500.	COG	24.00	1.29283E+05	2.68	8315.	28.14
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.58	441.	16.59
QBIO	54.	9790.	COG	24.00	2.21916E+04	2.68	1427.	26.24

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FUEL USAGE - ANNUAL REPORT

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PLAN 1 YEAR 2003

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/MASS UNITFUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	44838.	7277.	MCF	1000.00	3.26298E+05			3.26298E+05	3.40	1109412.	24.74
1%MT	515.	10458.	BBL	6.39	8.42889E+05				3.36	18097.	35.14
1%TP	2239.	9781.	BBL	6.39	3.42655E+06				3.43	75102.	33.55
1%PE	1410.	9959.	BBL	6.39	2.19818E+06				3.40	47758.	33.86
2%RV	2557.	10207.	BBL	6.38	4.09052E+06				2.96	77249.	30.21
1%CC	1575.	9678.	BBL	6.39	2.38494E+06				3.41	51968.	33.00
1.8S	124.	11073.	BBL	5.84	2.34575E+05				3.11	4260.	34.44
.5FM	1.	13269.	BBL	5.81	1.21184E+03				5.46	38.	72.45
.5GT	0.	15834.	BBL	5.81	3.83740E+02				5.41	12.	85.66
1%MR	755.	10087.	BBL	6.39	1.19243E+06				3.43	26135.	34.60
.5FL	3723.	7465.	BBL	5.81	4.78405E+06				5.41	150373.	40.39
FPC	428.	10000.	PUR	1.00	4.28064E+06				1.80	7705.	18.00
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.41	24248.	4.57
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.40	23610.	4.45
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.42	29969.	4.57
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.41	24736.	4.43
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.66	110352.	16.60
ECON	8.	10000.	TON	23.00	3.44898E+03				3.70	294.	37.00
CSH4	5541.	10463.	TON	19.11	3.03388E+06				1.94	112476.	20.30

CSJR	5192.	9762.	TON	24.14	2.09941E+06	1.49	75513.	14.55
QCB	1797.	9745.	COG	24.00	7.29555E+05	1.73	30291.	16.86
QICL	1963.	10000.	COG	24.00	8.17793E+05	2.35	46123.	23.50
QPB	331.	10500.	COG	24.00	1.44643E+05	1.59	5520.	16.69
QFCS	964.	10500.	COG	24.00	4.21910E+05	1.59	16100.	16.69
QBN1	241.	10500.	COG	24.00	1.05420E+05	2.70	6831.	28.35
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.59	1396.	16.69
QBS1	268.	10500.	COG	24.00	1.17443E+05	2.70	7610.	28.35
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.57	439.	16.48
QBIO	47.	9790.	COG	24.00	1.93378E+04	2.70	1253.	26.43

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FUEL USAGE - ANNUAL REPORT

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PLAN 1 YEAR 2004

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNITFUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	48717.	7259.	MCF	1000.00	3.53650E+05			3.62799E+05	3.39	1198873.	24.61
1%M	694.	10466.	BBL	6.39	1.13712E+06				3.29	23906.	34.43
1%TP	2925.	9784.	BBL	6.39	4.47912E+06				3.36	96169.	32.87
1%PE	3070.	9945.	BBL	6.39	4.77730E+06				3.32	101349.	33.02
2%RV	2885.	10207.	BBL	6.38	4.61614E+06				2.85	83935.	29.09
1%CC	2075.	9717.	BBL	6.39	3.15530E+06				3.34	67342.	32.46
1.8S	156.	11073.	BBL	5.84	2.94974E+05				3.02	5202.	33.44
.5FM	8.	13269.	BBL	5.81	1.85650E+04				5.34	576.	70.86
.5GT	0.	15834.	BBL	5.81	8.38429E+02				5.29	26.	83.76
1%MR	955.	10074.	BBL	6.39	1.50573E+06				3.36	32329.	33.85
FPC	428.	10000.	PUR	1.00	4.28064E+06				1.82	7812.	18.25
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	24921.	4.69
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.40	23633.	4.45
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.44	31027.	4.73
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.42	25455.	4.56
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.64	109023.	16.40
ECON	13.	10000.	TON	23.00	5.44956E+03				3.70	464.	37.00
CSH4	5222.	10463.	TON	19.11	2.85893E+06				1.65	90146.	17.26
CSJR	5109.	9762.	TON	24.14	2.06588E+06				1.51	75304.	14.74
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.75	30641.	17.05
QICL	2077.	10000.	COG	24.00	8.65305E+05				2.37	49219.	23.70
QPB	331.	10500.	COG	24.00	1.44643E+05				1.61	5589.	16.90
QFCS	964.	10500.	COG	24.00	4.21910E+05				1.61	16303.	16.90
QBN1	264.	10500.	COG	24.00	1.15577E+05				2.81	7795.	29.50
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.61	1413.	16.90
QBS1	295.	10500.	COG	24.00	1.28989E+05				2.81	8699.	29.50

QBS2 27. 10500. COG 24.00 1.16380E+04 1.59 444. 16.69
 QBIO 52. 9790. COG 24.00 2.11973E+04 2.81 1430. 27.51
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PLAN 1 YEAR 2005

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENTFUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/ MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	46575.	7197.	MCF	1000.00	3.35203E+05			3.62799E+05	3.41	1143041.	24.54
1%MT	898.	10467.	BBL	6.39	1.47025E+06				3.28	30815.	34.33
1%TP	2410.	9782.	BBL	6.39	3.68913E+06				3.36	79207.	32.87
1%PE	2450.	9964.	BBL	6.39	3.82000E+06				3.32	81041.	33.08
2%RV	2633.	10207.	BBL	6.38	4.21325E+06				2.82	75803.	28.79
1%CC	1915.	9699.	BBL	6.39	2.90660E+06				3.34	62034.	32.40
1.8S	196.	11073.	BBL	5.84	3.70705E+05				2.99	6473.	33.11
.5FM	21.	13269.	BBL	5.81	4.86905E+04				5.32	1505.	70.59
.5GT	1.	15834.	BBL	5.81	2.53448E+03				5.28	78.	83.60
1%MR	1345.	10097.	BBL	6.39	2.12531E+06				3.35	45495.	33.83
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	25331.	4.77
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	25179.	4.74
GAS4	7373.	6984.	MCF	1000.00	5.14916E+04				3.41	175586.	23.82
GASF	0.	11500.	MCF	1000.00	4.43238E-01				8.18	4.	94.07
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.45	31688.	4.83
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.43	25969.	4.65
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.66	110352.	16.60
ECON	125.	10000.	TON	23.00	5.43478E+04				3.50	4375.	35.00
CSH4	4902.	10463.	TON	19.11	2.68388E+06				1.67	85653.	17.47
CSJR	4986.	9762.	TON	24.14	2.01620E+06				1.54	74954.	15.03
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.79	31342.	17.44
QICL	1910.	10000.	COG	24.00	7.95792E+05				2.39	45647.	23.90
QPB	331.	10500.	COG	24.00	1.44643E+05				1.64	5693.	17.22
QFCS	964.	10500.	COG	24.00	4.21910E+05				1.64	16606.	17.22
QBN1	377.	10500.	COG	24.00	1.65102E+05				2.00	7925.	21.00
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.64	1440.	17.22
QBS1	424.	10500.	COG	24.00	1.85657E+05				2.00	8912.	21.00
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.61	450.	16.90

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT				FUEL CONSUMPTION, MASS UNITS		FUEL COST	TOTAL FUEL COST	
	GWHR	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH	
GAS	46657.	7196.	MCF	1000.00	3.35735E+05			3.55506E+05	3.45	1158287.	24.83	
1%MT	930.	10465.	BBL	6.39	1.52366E+06				3.31	32227.	34.64	
1%TP	2802.	9784.	BBL	6.39	4.29041E+06				3.38	92665.	33.07	
1%PE	2242.	9967.	BBL	6.39	3.49640E+06				3.35	74846.	33.39	
2%RV	2757.	10208.	BBL	6.38	4.41143E+06				2.81	79087.	28.68	
1%CC	1844.	9695.	BBL	6.39	2.79715E+06				3.37	60235.	32.67	
1.8S	192.	11073.	BBL	5.84	3.63151E+05				3.00	6362.	33.22	
.5FM	10.	13269.	BBL	5.81	2.33003E+04				5.35	724.	70.99	
.5GT	1.	15834.	BBL	5.81	2.22454E+03				5.32	69.	84.24	
1%MR	1275.	10089.	BBL	6.39	2.01349E+06				3.38	43488.	34.10	
NUCL	5309.	11027.	NUC	1.00	5.85410E+07				0.44	25957.	4.89	
NUCL	5309.	11027.	NUC	1.00	5.85410E+07				0.44	25506.	4.80	
GAS4	10918.	6933.	MCF	1000.00	7.56875E+04				3.45	261122.	23.92	
GASF	0.	11500.	MCF	1000.00	3.88447E-01				8.24	3.	94.76	
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.45	31808.	4.85	
NUCL	5584.	10826.	NUC	1.00	6.04483E+07				0.44	26815.	4.80	
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.69	112347.	16.90	
ECON	125.	10000.	TON	23.00	5.43478E+04				3.40	4250.	34.00	
CSH4	5541.	10463.	TON	19.11	3.03397E+06				1.69	97985.	17.68	
CSJR	5109.	9762.	TON	24.14	2.06588E+06				1.54	76800.	15.03	
QCB	1797.	9745.	COG	24.00	7.29529E+05				1.79	31341.	17.44	
QICL	1995.	10000.	COG	24.00	8.31167E+05				2.39	47676.	23.90	
QPB	331.	10500.	COG	24.00	1.44643E+05				1.59	5520.	16.69	
QBN1	377.	10500.	COG	24.00	1.65110E+05				2.04	8084.	21.42	
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.59	1396.	16.69	
QBS1	424.	10500.	COG	24.00	1.85637E+05				2.04	9089.	21.42	
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.47	411.	15.43	

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PLAN 1 YEAR 2007

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT				FUEL CONSUMPTION, MASS UNITS		FUEL COST	TOTAL FUEL COST	
	GWHR	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH	
GAS	44546.	7078.	MCF	1000.00	3.15286E+05			3.19040E+05	3.50	1103502.	24.77	
1%MT	600.	10478.	BBL	6.39	9.84612E+05				3.39	21329.	35.52	
1%TP	1999.	9784.	BBL	6.39	3.06083E+06				3.47	67869.	33.95	
1%PE	2179.	9962.	BBL	6.39	3.39776E+06				3.43	74471.	34.17	

01399

2%RV	2215.	10208.	BBL	6.38	3.54431E+06	2.87	64898.	29.30
1%CC	1444.	9713.	BBL	6.39	2.19449E+06	3.45	48378.	33.51
1.8S	193.	11073.	BBL	5.84	3.65037E+05	3.07	6545.	33.99
.5FM	2.	13269.	BBL	5.81	4.78628E+03	5.49	153.	72.85
.5GT	1.	15834.	BBL	5.81	1.87337E+03	5.46	59.	86.45
1%MR	1428.	10137.	BBL	6.39	2.26548E+06	3.46	50088.	35.07
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.42	24546.	4.62
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.42	24318.	4.58
GAS4	17518.	6960.	MCF	1000.00	1.21927E+05	3.49	425524.	24.29
GASF	0.	11500.	MCF	1000.00	3.36516E-01	8.32	3.	95.68
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.42	30097.	4.59
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.43	26090.	4.67
MIL	6648.	10000.	TON	23.00	2.89032E+06	1.73	115006.	17.30
ECON	125.	10000.	TON	23.00	5.43478E+04	3.42	4275.	34.20
CSH4	5328.	10463.	TON	19.11	2.91728E+06	1.72	95888.	18.00
CSJR	5192.	9762.	TON	24.14	2.09941E+06	1.56	79060.	15.23
QCB	1797.	9745.	COG	24.00	7.29559E+05	1.81	31692.	17.64
QICL	2027.	10000.	COG	24.00	8.44567E+05	2.40	48647.	24.00
QPB	331.	10500.	COG	24.00	1.44643E+05	1.61	5589.	16.90
QBN1	377.	10500.	COG	24.00	1.65110E+05	2.09	8282.	21.94
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.61	1413.	16.90
QBS1	424.	10500.	COG	24.00	1.85657E+05	2.09	9313.	21.94
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.49	416.	15.64

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT				FUEL CONSUMPTION, MASS UNITS		FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH	
GAS	44904.	7105.	MCF	1000.00	3.19039E+05			3.19040E+05	3.59	1145350.	25.51	
1%MT	800.	10477.	BBL	6.39	1.31211E+06				3.48	29178.	36.46	
1%TP	2209.	9785.	BBL	6.39	3.38299E+06				3.55	76741.	34.74	
1%PE	2481.	9970.	BBL	6.39	3.87045E+06				3.51	86810.	35.00	
2%RV	2405.	10208.	BBL	6.38	3.84789E+06				2.94	72176.	30.01	
1%CC	1620.	9723.	BBL	6.39	2.46560E+06				3.53	55616.	34.32	
1.8S	217.	11073.	BBL	5.84	4.11769E+05				3.13	7527.	34.66	
.5FM	4.	13269.	BBL	5.81	8.20897E+03				5.62	268.	74.57	
.5GT	1.	15834.	BBL	5.81	3.35413E+03				5.60	109.	88.67	
1%MR	1778.	10130.	BBL	6.39	2.81891E+06				3.55	63946.	35.96	
.5FL	36.	7459.	BBL	5.81	4.62103E+04				5.60	1503.	41.77	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.42	24810.	4.67	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.42	24716.	4.66	

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GAS4	17848.	6964.	MCF	1000.00	1.24297E+05	3.58	444982.	24.93
GASF	0.	11500.	MCF	1000.00	6.49225E-01	8.50	6.	97.75
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.43	30693.	4.68
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.43	26120.	4.68
MIL	6648.	10000.	TON	23.00	2.89032E+06	1.77	117665.	17.70
ECON	125.	10000.	TON	23.00	5.43478E+04	3.44	4300.	34.40
CSH4	5328.	10463.	TON	19.11	2.91728E+06	1.72	95888.	18.00
CSJR	4799.	9762.	TON	24.14	1.94079E+06	1.57	73555.	15.33
QCB	1797.	9745.	COG	24.00	7.29559E+05	1.82	31867.	17.74
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.41	60285.	24.10
QPB	331.	10500.	COG	24.00	1.44643E+05	1.57	5450.	16.48
QBN1	377.	10500.	COG	24.00	1.65110E+05	2.14	8480.	22.47
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.57	1378.	16.48
QBS1	424.	10500.	COG	24.00	1.85657E+05	2.14	9535.	22.47
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.52	425.	15.96

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PLAN 1 YEAR 2009

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENTFUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	44317.	7083.	MCF	1000.00	3.13901E+05			3.19040E+05	3.69	1158293.	26.14
1*MT	584.	10476.	BBL	6.39	9.56873E+05				3.56	21767.	37.29
1*TP	2090.	9784.	BBL	6.39	3.19958E+06				3.64	74421.	35.61
1*PE	2349.	9965.	BBL	6.39	3.66332E+06				3.60	84271.	35.88
2*RV	2301.	10208.	BBL	6.38	3.68084E+06				3.00	70451.	30.62
1*CC	1469.	9708.	BBL	6.39	2.23146E+06				3.62	51618.	35.14
1.8S	192.	11073.	BBL	5.84	3.64027E+05				3.21	6824.	35.54
.5FM	3.	13269.	BBL	5.81	6.09046E+03				5.76	204.	76.43
.5GT	1.	15834.	BBL	5.81	2.50668E+03				5.75	84.	91.05
1*MR	1505.	10131.	BBL	6.39	2.38670E+06				3.64	55514.	36.88
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.44	25659.	4.83
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.43	24945.	4.70
GAS4	21557.	6999.	MCF	1000.00	1.50888E+05				3.69	556777.	25.83
GASF	0.	11500.	MCF	1000.00	5.01082E-01				8.70	4.	100.05
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.44	31318.	4.77
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.45	26985.	4.83
MIL	6648.	10000.	TON	23.00	2.89032E+06				1.79	118995.	17.90
ECON	125.	10000.	TON	23.00	5.43478E+04				3.46	4325.	34.60
CSH4	5541.	10463.	TON	19.11	3.03397E+06				1.74	100884.	18.21
CSJR	5192.	9762.	TON	24.14	2.09941E+06				1.59	80581.	15.52
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.85	32392.	18.03
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.43	60785.	24.30
QPB	331.	10500.	COG	24.00	1.44643E+05				1.60	5554.	16.80
QBN1	377.	10500.	COG	24.00	1.65110E+05				2.19	8678.	22.99
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.60	1405.	16.80
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.59	444.	16.69

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENTFUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	43217.	7016.	MCF	1000.00	3.03203E+05			3.19040E+05	3.80	1152171.	26.66
1*MT	301.	10463.	BBL	6.39	4.92304E+05				3.66	11514.	38.29
1*TP	1480.	9782.	BBL	6.39	2.26634E+06				3.73	54018.	36.49

1%PE	1554.	9959.	BBL	6.39	2.42283E+06	3.69	57128.	36.75
2%RV	1698.	10208.	BBL	6.38	2.71645E+06	3.07	53206.	31.34
1%CC	1029.	9699.	BBL	6.39	1.56147E+06	3.71	37018.	35.98
1.8S	126.	11073.	BBL	5.84	2.39636E+05	3.29	4604.	36.43
.5FM	1.	13269.	BBL	5.81	1.69714E+03	5.92	58.	78.55
.5GT	0.	15834.	BBL	5.81	6.50909E+02	5.91	22.	93.58
1%MR	897.	10095.	BBL	6.39	1.41691E+06	3.73	33772.	37.65
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.44	26022.	4.90
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.43	25325.	4.77
GAS4	35838.	7001.	MCF	1000.00	2.50887E+05	3.79	950862.	26.53
GASF	0.	11500.	MCF	1000.00	1.20415E-01	8.91	1.	102.46
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.44	31496.	4.80
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.45	27287.	4.89
ECON	125.	10000.	TON	23.00	5.43478E+04	3.48	4350.	34.80
CSH4	5222.	10463.	TON	19.11	2.85893E+06	1.77	96702.	18.52
CSJR	5109.	9762.	TON	24.14	2.06588E+06	1.62	80790.	15.81
QCB	1797.	9745.	COG	24.00	7.29559E+05	1.88	32918.	18.32
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.44	61035.	24.40
QBN1	377.	10500.	COG	24.00	1.65110E+05	2.24	8876.	23.52
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.62	1422.	17.01
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.64	458.	17.22

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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS				FUEL COST \$/MBTU	TOTAL FUEL COST	
				MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	43792.	7029.	MCF	1000.00	3.07813E+05			3.19040E+05		3.92	1206627.	27.55
1%MT	415.	10473.	BBL	6.39	6.80177E+05					3.76	16342.	39.38
1%TP	1787.	9788.	BBL	6.39	2.73680E+06					3.83	66980.	37.49
1%PE	1494.	9974.	BBL	6.39	2.33181E+06					3.80	56621.	37.90
2%RV	1838.	10208.	BBL	6.38	2.94047E+06					3.15	59095.	32.15
1%CC	1155.	9705.	BBL	6.39	1.75431E+06					3.81	42710.	36.97
1.8S	141.	11073.	BBL	5.84	2.67342E+05					3.37	5262.	37.32
.5FM	1.	13269.	BBL	5.81	3.03230E+03					6.08	107.	80.68
.5GT	0.	15834.	BBL	5.81	1.26143E+03					6.08	45.	96.27
1%MR	1152.	10141.	BBL	6.39	1.82746E+06					3.83	44725.	38.84
NUCL	5309.	11027.	NUC	1.00	5.85416E+07					0.44	25869.	4.87
NUCL	5309.	11027.	NUC	1.00	5.85416E+07					0.44	25729.	4.85
GAS4	36405.	7002.	MCF	1000.00	2.54894E+05					3.91	996636.	27.38
GASF	0.	11500.	MCF	1000.00	2.52893E-01					9.14	2.	105.11
NUCL	6561.	10826.	NUC	1.00	7.10328E+07					0.45	31993.	4.88

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NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.45	27299.	4.89
ECON	125.	10000.	TON	23.00	5.43478E+04				3.50	4375.	35.00
CSH4	5541.	10463.	TON	19.11	3.03397E+06				1.79	103783.	18.73
CSJR	5192.	9762.	TON	24.14	2.09941E+06				1.64	83115.	16.01
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.91	33443.	18.61
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.46	61536.	24.60
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.65	1448.	17.32
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.59	444.	16.69
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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNITFUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	42040.	6984.	MCF	1000.00	2.93601E+05			3.19040E+05	4.04	1186149.	28.21
1*MT	143.	10456.	BBL	6.39	2.34033E+05				3.86	5773.	40.36
1*TP	1242.	9784.	BBL	6.39	1.90100E+06				3.94	47861.	38.55
1*PE	1290.	9959.	BBL	6.39	2.00989E+06				3.90	50088.	38.84
2*RV	1348.	10208.	BBL	6.38	2.15723E+06				3.23	44455.	32.97
1*CC	971.	9682.	BBL	6.39	1.47045E+06				3.92	36833.	37.95
1.8S	100.	11073.	BBL	5.84	1.89460E+05				3.46	3828.	38.31
.5FM	1.	13269.	BBL	5.81	1.25519E+03				6.25	46.	82.93
.5GT	0.	15834.	BBL	5.81	5.09563E+02				6.26	19.	99.12
1*MR	785.	10107.	BBL	6.39	1.24091E+06				3.94	31242.	39.82
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.45	26566.	5.00
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.45	26133.	4.92
GAS4	42180.	7001.	MCF	1000.00	2.95289E+05				4.03	1190016.	28.21
GASF	0.	11500.	MCF	1000.00	1.00285E-01				9.37	1.	107.75
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.46	32902.	5.01
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.46	28097.	5.03
ECON	125.	10000.	TON	23.00	5.43478E+04				3.52	4400.	35.20
CSH4	5222.	10463.	TON	19.11	2.85893E+06				1.82	99434.	19.04
CSJR	5047.	9762.	TON	24.14	2.04086E+06				1.67	82275.	16.30
QCB	1797.	9745.	COG	24.00	7.29559E+05				1.94	33968.	18.91
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.48	62036.	24.80
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.68	1475.	17.64
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.61	450.	16.90
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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	42841.	6982.	MCF	1000.00		2.99105E+05			3.19040E+05	4.16	1244276.	29.04
1%MT	176.	10446.	BBL	6.39		2.88375E+05				3.97	7316.	41.47
1%TP	1176.	9783.	BBL	6.39		1.80036E+06				4.05	46593.	39.62
1%PE	1352.	9956.	BBL	6.39		2.10713E+06				4.01	53993.	39.92
2%RV	1540.	10208.	BBL	6.38		2.46392E+06				3.31	52032.	33.79
1%CC	877.	9682.	BBL	6.39		1.32944E+06				4.03	34235.	39.02
1.8S	158.	11073.	BBL	5.84		2.98815E+05				3.55	6195.	39.31
.5FM	1.	13269.	BBL	5.81		1.57029E+03				6.43	59.	85.32
.5GT	0.	15835.	BBL	5.81		6.36258E+02				6.44	24.	101.97
1%MR	739.	10120.	BBL	6.39		1.17039E+06				4.05	30289.	40.99
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.46	26748.	5.04
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.45	26332.	4.96
GAS4	42242.	7001.	MCF	1000.00		2.95734E+05				4.15	1227295.	29.05
GASF	0.	11500.	MCF	1000.00		1.32538E-01				9.62	1.	110.63
NUCL	6561.	10826.	NUC	1.00		7.10328E+07				0.46	33002.	5.03
NUCL	5584.	10826.	NUC	1.00		6.04498E+07				0.47	28387.	5.08
ECON	125.	10000.	TON	23.00		5.43478E+04				3.55	4437.	35.50
CSH4	5541.	10463.	TON	19.11		3.03397E+06				1.85	107261.	19.36
CSJR	5192.	9762.	TON	24.14		2.09941E+06				1.70	86155.	16.60
QCB	1797.	9745.	COG	24.00		7.29559E+05				1.97	34494.	19.20
QICL	2501.	10000.	COG	24.00		1.04227E+06				2.50	62536.	25.00
QBN2	84.	10500.	COG	24.00		3.65765E+04				1.70	1492.	17.85
QBS2	27.	10500.	COG	24.00		1.16380E+04				1.64	458.	17.22

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PLAN 1 YEAR 2014

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	42827.	6997.	MCF	1000.00		2.99656E+05			3.19040E+05	4.29	1285522.	30.02
1%MT	280.	10468.	BBL	6.39		4.58944E+05				4.08	11965.	42.71
1%TP	1405.	9783.	BBL	6.39		2.15064E+06				4.16	57169.	40.70
1%PE	1470.	9961.	BBL	6.39		2.29216E+06				4.12	60345.	41.04
2%RV	1654.	10208.	BBL	6.38		2.64589E+06				3.39	57226.	34.60
1%CC	1128.	9693.	BBL	6.39		1.71171E+06				4.14	45283.	40.13
1.8S	177.	11073.	BBL	5.84		3.36026E+05				3.64	7143.	40.31

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QICL	2501.	10000.	COG	24.00	1.04227E+06		2.54	63537.	25.40
QBN2	84.	10500.	COG	24.00	3.65765E+04		1.76	1545.	18.48
QBS2	27.	10500.	COG	24.00	1.16380E+04		1.61	450.	16.90
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PLAN 1 YEAR 2016

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS.....			FUEL COST \$/MBTU	TOTAL FUEL COST	
				MBTU/ MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	27328.	6934.	MCF	1000.00	1.89481E+05			3.19040E+05	4.89	926563.	33.91
1%MT	824.	10468.	BBL	6.39	1.34953E+06				4.31	37167.	45.12
1%TP	1363.	9786.	BBL	6.39	2.08665E+06				4.39	58535.	42.96
1%PE	1325.	9992.	BBL	6.39	2.07220E+06				4.35	57600.	43.46
2%RV	1563.	10208.	BBL	6.38	2.50024E+06				3.56	56788.	36.34
1%CC	959.	9729.	BBL	6.39	1.45991E+06				4.37	40767.	42.51
1.8S	160.	11073.	BBL	5.84	3.04170E+05				3.83	6803.	42.41

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.5FM	1.	13269.	BBL	5.81	1.62457E+03	6.99	66.	92.75
.5GT	0.	15834.	BBL	5.81	7.07002E+02	7.03	29.	111.32
1%MR	289.	10036.	BBL	6.39	4.54500E+05	4.39	12750.	44.06
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.48	27836.	5.24
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.47	27491.	5.18
GAS4	62162.	7006.	MCF	1000.00	4.35516E+05	4.55	1981595.	31.88
GASF	0.	11500.	MCF	1000.00	1.63073E-01	10.39	2.	119.48
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.48	34394.	5.24
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.49	29493.	5.28
ECON	125.	10000.	TON	23.00	5.43478E+04	3.62	4525.	36.20
CSH4	5541.	10463.	TON	19.11	3.03397E+06	1.94	112479.	20.30
CSJR	5109.	9762.	TON	24.14	2.06588E+06	1.79	89268.	17.47
QCB	1797.	9745.	COG	24.00	7.29559E+05	2.07	36244.	20.17
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.57	64287.	25.70
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.79	1571.	18.79
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.57	439.	16.48

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PLAN 1 YEAR 2017

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
				MBTU/MASS UNIT	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	23624.	6909.	MCF	1000.00	1.63210E+05				3.19040E+05	5.04	822576.	34.82
1%MT	455.	10461.	BBL	6.39	7.44424E+05					4.43	21073.	46.34
1%TP	1038.	9786.	BBL	6.39	1.58968E+06					4.51	45813.	44.13
1%PE	909.	9977.	BBL	6.39	1.41888E+06					4.47	40528.	44.60
2%RV	1240.	10208.	BBL	6.38	1.98353E+06					3.65	46190.	37.26
1%CC	701.	9717.	BBL	6.39	1.06635E+06					4.49	30595.	43.63
1.8S	114.	11073.	BBL	5.84	2.15887E+05					3.93	4955.	43.52
.5FM	0.	13269.	BBL	5.81	4.91727E+02					7.19	21.	95.40
.5GT	0.	15835.	BBL	5.81	2.02677E+02					7.24	9.	114.64
1%MR	155.	10029.	BBL	6.39	2.42815E+05					4.51	6998.	45.23
NUCL	5309.	11027.	NUC	1.00	5.85410E+07					0.48	27977.	5.27
NUCL	5309.	11027.	NUC	1.00	5.85410E+07					0.47	27760.	5.23
GAS4	69635.	7006.	MCF	1000.00	4.87889E+05					4.69	2288197.	32.86
GASF	0.	11500.	MCF	1000.00	4.47421E-02					10.67	0.	122.70
NUCL	6561.	10826.	NUC	1.00	7.10328E+07					0.49	34806.	5.30
NUCL	5584.	10826.	NUC	1.00	6.04498E+07					0.49	29620.	5.30
ECON	125.	10000.	TON	23.00	5.43478E+04					3.64	4550.	36.40
CSH4	5328.	10463.	TON	19.11	2.91728E+06					1.97	109826.	20.61
CSJR	5192.	9762.	TON	24.14	2.09939E+06					1.82	92236.	17.77
QCB	1797.	9745.	COG	24.00	7.29559E+05					2.11	36945.	20.56

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GAS	24953.	6929.	MCF	1000.00	1.72910E+05	3.19040E+05	5.33	921609.	36.93
1%MT	687.	10469.	BBL	6.39	1.12513E+06		4.68	33647.	48.99
1%TP	1212.	9786.	BBL	6.39	1.85633E+06		4.76	56463.	46.58
1%PE	1162.	9993.	BBL	6.39	1.81647E+06		4.72	54786.	47.17
2%RV	1409.	10208.	BBL	6.38	2.25436E+06		3.83	55086.	39.10
1%CC	812.	9736.	BBL	6.39	1.23770E+06		4.74	37488.	46.15
1.8S	139.	11073.	BBL	5.84	2.64438E+05		4.13	6378.	45.73
.5FM	1.	13269.	BBL	5.81	1.45278E+03		7.60	64.	100.84
.5GT	0.	15835.	BBL	5.81	6.61181E+02		7.66	29.	121.29
1%MR	256.	10041.	BBL	6.39	4.01939E+05		4.76	12226.	47.80
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.49	28568.	5.38
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.48	28293.	5.33
GAS4	70190.	7007.	MCF	1000.00	4.91823E+05		4.99	2454196.	34.97
GASF	0.	11500.	MCF	1000.00	1.58734E-01		11.25	2.	129.37
GAS4	0.	10450.	MCF	1000.00	4.36818E+00		5.75	25.	60.09
NUCL	6561.	10826.	NUC	1.00	7.10328E+07		0.50	35687.	5.44
NUCL	5584.	10826.	NUC	1.00	6.04498E+07		0.50	30225.	5.41
ECON	125.	10000.	TON	23.00	5.43478E+04		3.68	4600.	36.80
CSH4	5541.	10463.	TON	19.11	3.03397E+06		2.04	118277.	21.34
CSJR	5192.	9762.	TON	24.14	2.09941E+06		1.88	95278.	18.35
QCB	1797.	9745.	COG	24.00	7.29559E+05		2.18	38170.	21.24
QICL	2501.	10000.	COG	24.00	1.04227E+06		2.63	65788.	26.30
QBN2	84.	10500.	COG	24.00	3.65765E+04		1.88	1650.	19.74
QBS2	27.	10500.	COG	24.00	1.16380E+04		1.65	461.	17.32

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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT		FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
				MBTU/ MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	K\$		\$/MWH	
GAS	25679.	6946.	MCF	1000.00	1.78362E+05				3.19040E+05	5.49	979208.	38.13
1%MT	871.	10475.	BBL	6.39	1.42797E+06					4.81	43890.	50.39
1%TP	1268.	9785.	BBL	6.39	1.94228E+06					4.89	60691.	47.85
1%PE	1301.	9998.	BBL	6.39	2.03604E+06					4.85	63100.	48.49
2%RV	1418.	10208.	BBL	6.38	2.26898E+06					3.93	56891.	40.12
1%CC	880.	9764.	BBL	6.39	1.34526E+06					4.87	41864.	47.55
1.8S	155.	11073.	BBL	5.84	2.93127E+05					4.24	7258.	46.95
.5FM	1.	13269.	BBL	5.81	2.12306E+03					7.82	96.	103.76
.5GT	0.	15835.	BBL	5.81	1.00774E+03					7.89	46.	124.94
1%MR	372.	10055.	BBL	6.39	5.85016E+05					4.89	18280.	49.17
NUCL	5309.	11027.	NUC	1.00	5.85416E+07					0.49	28679.	5.40

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NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.49	28773.	5.42
GAS4	70655.	7007.	MCF	1000.00	4.95109E+05	5.14	2544860.	36.02
GASF	0.	11500.	MCF	1000.00	2.59117E-01	11.55	3.	132.82
GAS4	4.	10450.	MCF	1000.00	3.71352E+01	5.90	219.	61.70
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.51	36241.	5.52
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.50	30352.	5.44
ECON	125.	10000.	TON	23.00	5.43478E+04	3.71	4637.	37.10
CSH4	5222.	10463.	TON	19.11	2.85893E+06	2.07	113093.	21.66
CSJR	5109.	9762.	TON	24.14	2.06588E+06	1.91	95252.	18.65
QCB	1797.	9745.	COG	24.00	7.29559E+05	2.21	38696.	21.54
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.65	66288.	26.50
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.92	1685.	20.16
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.68	469.	17.64

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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNITFUEL CONSUMPTION, MASS UNITS.....			FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM		MAXIMUM	K\$
GAS	26100.	6949.	MCF	1000.00	1.81370E+05		3.19040E+05	5.65	1024743.	39.26
1*MT	1068.	10481.	BBL	6.39	1.75111E+06			4.95	55389.	51.88
1*TP	1296.	9788.	BBL	6.39	1.98527E+06			5.03	63810.	49.23
1*PE	1354.	10009.	BBL	6.39	2.12105E+06			4.99	67632.	49.95
2*RV	1471.	10208.	BBL	6.38	2.35433E+06			4.03	60533.	41.14
1*CC	1041.	9778.	BBL	6.39	1.59366E+06			5.01	51019.	48.99
1.8S	150.	11073.	BBL	5.84	2.84944E+05			4.35	7239.	48.17
.5FM	1.	13269.	BBL	5.81	3.32360E+03			8.05	155.	106.82
.5GT	1.	15835.	BBL	5.81	1.65650E+03			8.13	78.	128.74
1*MR	453.	10081.	BBL	6.39	7.14782E+05			5.03	22974.	50.71
NUCL	5309.	11027.	NUC	1.00	5.85416E+07			0.49	28797.	5.42
NUCL	5309.	11027.	NUC	1.00	5.85416E+07			0.50	29259.	5.51
GAS4	70653.	7008.	MCF	1000.00	4.95110E+05			5.30	2624081.	37.14
GASF	0.	11500.	MCF	1000.00	4.33885E-01			11.86	5.	136.39
GAS4	5.	10450.	MCF	1000.00	5.42809E+01			6.07	329.	63.38
NUCL	6561.	10826.	NUC	1.00	7.10328E+07			0.52	36795.	5.61
NUCL	5584.	10826.	NUC	1.00	6.04498E+07			0.50	30485.	5.46
ECON	125.	10000.	TON	23.00	5.43478E+04			3.73	4662.	37.30
CSH4	5541.	10463.	TON	19.11	3.03397E+06			2.11	122336.	22.08
CSJR	5192.	9762.	TON	24.14	2.09941E+06			1.94	98319.	18.94
QCB	1797.	9745.	COG	24.00	7.29559E+05			2.25	39396.	21.93
QICL	2501.	10000.	COG	24.00	1.04227E+06			2.68	67039.	26.80
QBN2	84.	10500.	COG	24.00	3.65765E+04			1.95	1712.	20.47

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QBS2 27. 10500. COG 24.00 1.16380E+04 1.70 475. 17.85
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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	27534.	6958.	MCF	1000.00	1.91567E+05			3.19040E+05	6.01	1151320.	41.81
1%MT	1385.	10511.	BBL	6.39	2.27821E+06				5.09	74099.	53.50
1%TP	1660.	9785.	BBL	6.39	2.54206E+06				5.17	83980.	50.59
1%PE	1554.	10018.	BBL	6.39	2.43690E+06				5.13	79883.	51.39
2%RV	1478.	10208.	BBL	6.38	2.36467E+06				4.13	62308.	42.16
1%CC	1351.	9824.	BBL	6.39	2.07624E+06				5.15	68326.	50.59
1.8S	186.	11073.	BBL	5.84	3.51966E+05				4.47	9188.	49.50
.5FM	3.	13269.	BBL	5.81	7.65688E+03				8.28	368.	109.87
.5GT	2.	15835.	BBL	5.81	4.12795E+03				8.37	201.	132.54
1%MR	419.	10115.	BBL	6.39	6.62632E+05				5.17	21891.	52.30
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.49	28914.	5.45
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.51	29757.	5.61
GAS4	71345.	7008.	MCF	1000.00	5.00021E+05				5.47	2735116.	38.34
GASF	0.	11500.	MCF	1000.00	1.18149E+00				12.18	14.	140.07
GAS4	50.	10450.	MCF	1000.00	5.23678E+02				6.23	3263.	65.11
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.53	37363.	5.69
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.51	30612.	5.48
ECON	125.	10000.	TON	23.00	5.43478E+04				3.75	4687.	37.50
CSH4	5222.	10463.	TON	19.11	2.85893E+06				2.14	116917.	22.39
CSJR	2139.	9762.	TON	24.14	8.65017E+05				1.98	41345.	19.33
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.29	40097.	22.32
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.70	67539.	27.00
QBN2	84.	10500.	COG	24.00	3.65765E+04				1.98	1738.	20.79
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.73	483.	18.16

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PLAN 1 YEAR 2023

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH

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GAS	27753.	6947.	MCF	1000.00	1.92803E+05	3.19040E+05	6.25	1205021.	43.42
1%MT	1289.	10489.	BBL	6.39	2.11553E+06		5.23	70700.	54.86
1%TP	1495.	9785.	BBL	6.39	2.28901E+06		5.32	77814.	52.05
1%PE	1595.	10021.	BBL	6.39	2.50193E+06		5.27	84253.	52.81
2%RV	1657.	10208.	BBL	6.38	2.65159E+06		4.23	71559.	43.18
1%CC	1215.	9832.	BBL	6.39	1.87000E+06		5.29	63212.	52.01
1.8S	189.	11073.	BBL	5.84	3.59063E+05		4.59	9625.	50.83
.5FM	2.	13269.	BBL	5.81	5.42169E+03		8.52	268.	113.05
.5GT	1.	15835.	BBL	5.81	2.79592E+03		8.63	140.	136.65
1%MR	313.	10129.	BBL	6.39	4.96586E+05		5.31	16850.	53.79
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.50	29031.	5.47
NUCL	5309.	11027.	NUC	1.00	5.85416E+07		0.52	30260.	5.70
GAS4	71274.	7007.	MCF	1000.00	4.99447E+05		5.64	2816878.	39.52
GASF	0.	11500.	MCF	1000.00	8.01207E-01		12.52	10.	143.98
GAS4	26.	10450.	MCF	1000.00	2.76503E+02		6.40	1770.	66.90
NUCL	6561.	10826.	NUC	1.00	7.10328E+07		0.53	37939.	5.78
NUCL	5584.	10826.	NUC	1.00	6.04498E+07		0.51	30745.	5.51
ECON	125.	10000.	TON	23.00	5.43478E+04		3.78	4725.	37.80
CSH4	5541.	10463.	TON	19.11	3.03397E+06		2.18	126394.	22.81
CSJR	1975.	9762.	TON	24.14	7.98477E+05		2.01	38743.	19.62
QCB	1797.	9745.	COG	24.00	7.29559E+05		2.33	40797.	22.71

QICL	2501.	10000.	COG	24.00	1.04227E+06		2.73	68290.	27.30
QBN2	84.	10500.	COG	24.00	3.65765E+04		2.01	1764.	21.10
QBS2	27.	10500.	COG	24.00	1.16380E+04		1.76	492.	18.48
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PLAN 1 YEAR 2024

FUEL TYPE	ENERGY	AVERAGE	UNIT	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS.....				FUEL	TOTAL FUEL COST	
	GENERATED	HT. RATE	OF	MBTU/	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	COST	K\$	\$/MWH
	GW	BTU/KWH	MASS							\$/MBTU		
GAS	27657.	6949.	MCF	1000.00		1.92199E+05			3.19040E+05	6.43	1235842.	44.69
1%MT	1343.	10497.	BBL	6.39		2.20560E+06				5.38	75825.	56.48
1%TP	1572.	9785.	BBL	6.39		2.40715E+06				5.46	83984.	53.43
1%PE	1538.	10025.	BBL	6.39		2.41268E+06				5.42	83560.	54.34
2%RV	1686.	10208.	BBL	6.38		2.69711E+06				4.34	74681.	44.30
1%CC	1321.	9828.	BBL	6.39		2.03210E+06				5.44	70639.	53.46
1.8S	235.	11073.	BBL	5.84		4.45014E+05				4.71	12241.	52.15
.5FM	2.	13269.	BBL	5.81		4.52908E+03				8.77	231.	116.37
.5GT	1.	15835.	BBL	5.81		2.32966E+03				8.89	120.	140.77
1%MR	289.	10117.	BBL	6.39		4.57799E+05				5.46	15972.	55.24
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.50	29148.	5.49
NUCL	5309.	11027.	NUC	1.00		5.85416E+07				0.53	30775.	5.80
GAS4	71307.	7008.	MCF	1000.00		4.99688E+05				5.82	2908183.	40.78
GASF	0.	11500.	MCF	1000.00		6.49003E-01				12.86	8.	147.89
GAS4	16.	10450.	MCF	1000.00		1.70822E+02				6.58	1124.	68.75
NUCL	6561.	10826.	NUC	1.00		7.10328E+07				0.54	38528.	5.87
NUCL	5584.	10826.	NUC	1.00		6.04498E+07				0.51	30872.	5.53
ECON	125.	10000.	TON	23.00		5.43478E+04				3.81	4762.	38.10
CSH4	5222.	10463.	TON	19.11		2.85893E+06				2.21	120741.	23.12
CSJR	2139.	9762.	TON	24.14		8.65017E+05				2.05	42807.	20.01
QCB	1797.	9745.	COG	24.00		7.29559E+05				2.37	41497.	23.10
QICL	2501.	10000.	COG	24.00		1.04227E+06				2.75	68790.	27.50
QBN2	84.	10500.	COG	24.00		3.65765E+04				2.05	1800.	21.52
QBS2	27.	10500.	COG	24.00		1.16380E+04				1.79	500.	18.79

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PLAN 1 YEAR 2025

FUEL	ENERGY	AVERAGE	UNIT	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS.....				FUEL	TOTAL FUEL COST	
	GENERATED	HT. RATE	OF	MBTU/		TOTAL	NOT USED	MINIMUM	MAXIMUM	COST		
	GW	BTU/KWH	MASS							\$/MBTU	K\$	\$/MWH

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TYPE	GWH	BTU/KWH	MASS	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	28942.	6954.	MCF	1000.00	2.01264E+05			3.19040E+05	6.61	1330353.	45.97
1%MT	1519.	10502.	BBL	6.39	2.49725E+06				5.53	88245.	58.08
1%TP	1641.	9786.	BBL	6.39	2.51372E+06				5.62	90272.	55.00
1%PE	1703.	10033.	BBL	6.39	2.67466E+06				5.57	95197.	55.88
2%RV	1717.	10207.	BBL	6.38	2.74661E+06				4.45	77979.	45.42
1%CC	1436.	9837.	BBL	6.39	2.21026E+06				5.60	79092.	55.09
1.8S	317.	11073.	BBL	5.84	6.00607E+05				4.83	16941.	53.48
.5FM	3.	13269.	BBL	5.81	7.09742E+03				9.03	372.	119.82
.5GT	1.	15835.	BBL	5.81	3.78403E+03				9.16	201.	145.05
1%MR	376.	10124.	BBL	6.39	5.95938E+05				5.62	21401.	56.90
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.50	29265.	5.51
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.53	31296.	5.90
GAS4	71752.	7008.	MCF	1000.00	5.02837E+05				6.00	3017021.	42.05
GASF	0.	11500.	MCF	1000.00	1.07404E+00				13.22	14.	152.03
GAS4	45.	10450.	MCF	1000.00	4.65166E+02				6.76	3146.	70.67
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.55	39125.	5.96
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.51	31005.	5.55
ECON	125.	10000.	TON	23.00	5.43478E+04				3.84	4800.	38.40
CSH4	4902.	10463.	TON	19.11	2.68390E+06				2.25	115401.	23.54
CSJR	1769.	9762.	TON	24.14	7.15302E+05				2.08	35916.	20.30
QICL	2501.	10000.	COG	24.00	1.04227E+06				2.78	69540.	27.80
QBN2	84.	10500.	COG	24.00	3.65765E+04				2.08	1826.	21.84
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.82	508.	19.11

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWH	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	29504.	6955.	MCF	1000.00	2.05204E+05			3.19040E+05	6.80	1395386.	47.30
1%MT	1667.	10498.	BBL	6.39	2.73924E+06				5.69	99596.	59.73
1%TP	1797.	9786.	BBL	6.39	2.75265E+06				5.78	101667.	56.56
1%PE	1805.	10033.	BBL	6.39	2.83397E+06				5.73	103765.	57.49
2%RV	1867.	10208.	BBL	6.38	2.98781E+06				4.56	86924.	46.55
1%CC	1475.	9824.	BBL	6.39	2.26795E+06				5.75	83330.	56.49
1.8S	357.	11073.	BBL	5.84	6.76287E+05				4.96	19590.	54.92
.5FM	4.	13269.	BBL	5.81	9.36857E+03				9.30	506.	123.40
.5GT	2.	15835.	BBL	5.81	5.21959E+03				9.44	286.	149.48
1%MR	403.	10121.	BBL	6.39	6.37989E+05				5.78	23564.	58.50
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.50	29382.	5.53

01415

PLAN 1 YEAR 2028

FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENTFUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWHR	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	29656.	6954.	MCF	1000.00	2.06233E+05			3.19040E+05	7.20	1484875.	50.07
1%MT	1677.	10500.	BBL	6.39	2.75609E+06				6.02	106021.	63.21
1%TP	1791.	9786.	BBL	6.39	2.74286E+06				6.11	107089.	59.79
1%PE	1787.	10038.	BBL	6.39	2.80793E+06				6.06	108733.	60.83
2%RV	1844.	10208.	BBL	6.38	2.95031E+06				4.80	90350.	49.00
1%CC	1575.	9833.	BBL	6.39	2.42385E+06				6.09	94324.	59.88
1.8S	378.	11073.	BBL	5.84	7.17622E+05				5.23	21918.	57.91
.5FM	4.	13269.	BBL	5.81	9.56674E+03				9.86	548.	130.83
.5GT	2.	15835.	BBL	5.81	5.33662E+03				10.03	311.	158.82
1%MR	436.	10124.	BBL	6.39	6.91230E+05				6.11	26988.	61.86
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.51	29622.	5.58
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.56	32912.	6.20
GAS4	72047.	7008.	MCF	1000.00	5.04935E+05				6.59	3327519.	46.19
GASF	0.	11500.	MCF	1000.00	1.60166E+00				14.37	23.	165.25
GAS4	69.	10450.	MCF	1000.00	7.24889E+02				7.35	5326.	76.78
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.58	40965.	6.24
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.52	31404.	5.62
ECON	125.	10000.	TON	23.00	5.43478E+04				3.95	4937.	39.50
CSH4	5328.	10463.	TON	19.11	2.91728E+06				2.36	131568.	24.69
CSJR	2139.	9762.	TON	24.14	8.65017E+05				2.19	45731.	21.38

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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENTFUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWHR	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	29525.	6952.	MCF	1000.00	2.05267E+05			3.19040E+05	7.41	1521028.	51.52
1%MT	1592.	10498.	BBL	6.39	2.61607E+06				6.19	103476.	64.98
1%TP	1860.	9785.	BBL	6.39	2.84758E+06				6.28	114271.	61.45
1%PE	1824.	10036.	BBL	6.39	2.86394E+06				6.24	114196.	62.62
2%RV	1875.	10208.	BBL	6.38	2.99973E+06				4.92	94160.	50.22
1%CC	1599.	9818.	BBL	6.39	2.45727E+06				6.26	98294.	61.46
1.8S	376.	11073.	BBL	5.84	7.12860E+05				5.37	22356.	59.46
.5FM	4.	13269.	BBL	5.81	1.02358E+04				10.15	604.	134.68
.5GT	2.	15835.	BBL	5.81	5.72037E+03				10.34	344.	163.73
1%MR	451.	10124.	BBL	6.39	7.14658E+05				6.28	28679.	63.58

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NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.51	29745.	5.60
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.57	33468.	6.30
GAS4	72038.	7008.	MCF	1000.00	5.04871E+05	6.79	3428076.	47.59
GAS4	0.	11500.	MCF	1000.00	1.74332E+00	14.77	26.	169.85
GAS4	73.	10450.	MCF	1000.00	7.67298E+02	7.56	5797.	78.95
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.59	41597.	6.34
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.52	31537.	5.65
ECON	125.	10000.	TON	23.00	5.43478E+04	3.99	4987.	39.90
CSH4	5541.	10463.	TON	19.11	3.03397E+06	2.40	139150.	25.11
CSJR	1975.	9762.	TON	24.14	7.98477E+05	2.23	42984.	21.77

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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
				MBTU/ MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	K\$		\$/MWH	
GAS	29643.	6957.	MCF	1000.00	2.06220E+05				3.19040E+05	7.62	1571393.	53.01
1%MT	1725.	10502.	BBL	6.39	2.83591E+06					6.38	115615.	67.01
1%TP	1842.	9785.	BBL	6.39	2.82080E+06					6.47	116621.	63.31
1%PE	1835.	10036.	BBL	6.39	2.88131E+06					6.42	118202.	64.43
2%RV	1814.	10208.	BBL	6.38	2.90273E+06					5.06	93708.	51.65
1%CC	1527.	9842.	BBL	6.39	2.35215E+06					6.45	96945.	63.48
1.8S	419.	11073.	BBL	5.84	7.94820E+05					5.52	25622.	61.12
.5FM	14.	13269.	BBL	5.81	3.21139E+04					10.46	1952.	138.79
.5GT	3.	15835.	BBL	5.81	9.13003E+03					10.67	566.	168.96
1%MR	392.	10102.	BBL	6.39	6.19070E+05					6.47	25594.	65.36
NUCL	5309.	11027.	NUC	1.00	5.85416E+07					0.51	29862.	5.62
NUCL	5309.	11027.	NUC	1.00	5.85416E+07					0.58	34036.	6.41
GAS4	72064.	7008.	MCF	1000.00	5.05056E+05					7.01	3540439.	49.13
GAS4	96.	10450.	MCF	1000.00	1.00159E+03					7.77	7782.	81.19
NUCL	6561.	10826.	NUC	1.00	7.10328E+07					0.59	42236.	6.44
NUCL	5584.	10826.	NUC	1.00	6.04498E+07					0.52	31670.	5.67
ECON	125.	10000.	TON	23.00	5.43478E+04					4.04	5050.	40.40
CSH4	5222.	10463.	TON	19.11	2.85893E+06					2.44	133307.	25.53
CSJR	2139.	9762.	TON	24.14	8.65017E+05					2.27	47401.	22.16

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EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
----	----	-----	-----	-----	-----	-----	-----
PMT1	2001	--		16939.8			
	2002	--		6662.1			
	2003	--		7472.1			
	2004	--		9025.9			
	2005	--		8439.9			
	2006	--		8669.6			
	2007	--		7557.5			
	2008	--		8188.1			
	2009	--		7796.7			
	2010	--		6080.7			
	2011	--		6579.4			
	2012	--		5448.4			
	2013	--		5656.4			
	2014	--		6076.8			
	2015	--		4871.1			
	2016	--		5494.7			
	2017	--		4481.0			

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2018	--	4770.4
2019	--	5056.6
2020	--	5268.4
2021	--	5607.8
2022	--	5702.6
2023	--	5652.5
2024	--	5770.1
2025	--	6051.7
2026	--	6563.5
2027	--	6548.4
2028	--	6598.2
2029	--	6652.4
2030	--	6622.0

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EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
SO2	2001	143887.0		214741.1	70854.1	14171.	0.
	2002	143887.0		101072.0	-42815.0	0.	5268.
	2003	143887.0		115345.2	-28541.7	0.	3775.
	2004	143887.0		129420.8	-14466.2	0.	2046.
	2005	143887.0		121375.9	-22511.1	0.	4945.
	2006	143887.0		126951.7	-16935.2	0.	3973.
	2007	143887.0		113080.2	-30806.8	0.	7723.
	2008	143887.0		120305.9	-23581.1	0.	6319.
	2009	143887.0		116907.1	-26979.9	0.	7726.
	2010	143887.0		94073.1	-49813.9	0.	15238.
	2011	138951.6		101596.4	-37355.2	0.	12072.
	2012	138951.6		86017.3	-52934.3	0.	18019.
	2013	138951.6		89886.9	-49064.7	0.	17605.
	2014	138951.6		93711.6	-45240.1	0.	17117.
	2015	138951.6		81844.0	-57107.6	0.	22789.
	2016	138951.6		92358.9	-46592.7	0.	18593.
	2017	138951.6		79894.9	-59056.7	0.	23567.
	2018	138951.6		82591.3	-56360.3	0.	22491.
	2019	138951.6		87628.1	-51323.5	0.	20481.
	2020	138951.6		88807.1	-50144.6	0.	20010.
	2021	138951.6		94342.7	-44608.9	0.	17801.
	2022	138951.6		88060.9	-50890.7	0.	20308.
	2023	138951.6		88311.1	-50640.5	0.	20208.

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2024	138951.6	88600.6	-50351.0	0.	20093.
2025	138951.6	89711.4	-49240.2	0.	19649.
2026	138951.6	98973.1	-39978.5	0.	15954.
2027	138951.6	97456.2	-41495.4	0.	16559.
2028	138951.6	98425.6	-40526.0	0.	16172.
2029	138951.6	99574.4	-39377.2	0.	15714.
2030	138951.6	98159.4	-40792.2	0.	16278.

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
NOX	2001	--		111561.1			
	2002	--		69597.4			
	2003	--		71426.7			
	2004	--		79974.3			
	2005	--		74749.7			
	2006	--		77471.1			
	2007	--		70773.1			
	2008	--		73045.4			
	2009	--		72318.6			
	2010	--		62547.3			
	2011	--		65800.6			
	2012	--		59019.9			
	2013	--		60846.1			
	2014	--		62250.3			
	2015	--		52466.0			
	2016	--		56453.2			
	2017	--		50410.4			
	2018	--		51080.2			
	2019	--		53952.5			
	2020	--		54262.0			
	2021	--		56822.1			
	2022	--		50433.7			
	2023	--		50207.2			
	2024	--		50421.1			
	2025	--		50330.9			
	2026	--		55019.3			
	2027	--		54233.5			
	2028	--		54734.7			
	2029	--		55076.5			

PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
CO	2001	--		26780.5			
	2002	--		20286.2			
	2003	--		17670.6			
	2004	--		18238.0			
	2005	--		19488.9			
	2006	--		20045.7			
	2007	--		18749.8			
	2008	--		20598.6			
	2009	--		19172.8			
	2010	--		15156.2			
	2011	--		16840.4			
	2012	--		13865.3			
	2013	--		14232.7			
	2014	--		15038.2			
	2015	--		12452.0			
	2016	--		14191.0			
	2017	--		11859.6			
	2018	--		12520.9			
	2019	--		13406.9			
	2020	--		14246.1			
	2021	--		15544.5			
	2022	--		14322.8			
	2023	--		13721.9			
	2024	--		13746.9			
	2025	--		14266.0			
	2026	--		15753.4			
	2027	--		15639.3			
	2028	--		15738.2			
	2029	--		15513.3			
	2030	--		15649.2			

PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
VOC	2001	--		1052.9			
	2002	--		649.8			
	2003	--		767.5			
	2004	--		783.6			
	2005	--		737.4			
	2006	--		757.9			
	2007	--		676.6			
	2008	--		725.4			
	2009	--		694.2			
	2010	--		569.2			
	2011	--		606.9			
	2012	--		523.8			
	2013	--		536.2			
	2014	--		564.8			
	2015	--		436.8			
	2016	--		476.4			
	2017	--		395.2			
	2018	--		417.7			
	2019	--		440.7			
	2020	--		458.5			
	2021	--		484.1			
	2022	--		488.2			
	2023	--		480.6			
	2024	--		485.8			
	2025	--		505.0			
	2026	--		544.6			
	2027	--		541.5			
	2028	--		545.2			
	2029	--		547.5			
	2030	--		545.2			

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
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C02	2001	--	43291088.0
	2002	--	38734016.0
	2003	--	42000192.0
	2004	--	42989664.0
	2005	--	40680080.0
	2006	--	41762976.0
	2007	--	38671776.0
	2008	--	39791408.0
	2009	--	39191360.0
	2010	--	35195984.0
	2011	--	36675200.0
	2012	--	33516336.0
	2013	--	34491616.0
	2014	--	34922608.0
	2015	--	26796624.0
	2016	--	28321968.0
	2017	--	24969904.0
	2018	--	25568400.0
	2019	--	26719856.0
	2020	--	27106272.0
	2021	--	28214656.0
	2022	--	26467376.0
	2023	--	26507856.0
	2024	--	26463408.0
	2025	--	26890576.0
	2026	--	28813968.0
	2027	--	28584944.0
	2028	--	28720496.0
	2029	--	28784480.0
	2030	--	28645216.0

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PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
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HG	2001	--		0.6			
	2002	--		0.5			
	2003	--		0.5			
	2004	--		0.5			
	2005	--		0.5			
	2006	--		0.6			

01423

2007	--	0.5
2008	--	0.5
2009	--	0.5
2010	--	0.5
2011	--	0.5
2012	--	0.5
2013	--	0.5
2014	--	0.5
2015	--	0.5
2016	--	0.5
2017	--	0.5
2018	--	0.5
2019	--	0.5
2020	--	0.5
2021	--	0.5
2022	--	0.4
2023	--	0.4
2024	--	0.4
2025	--	0.4
2026	--	0.5
2027	--	0.4

2028 -- 0.4
 2029 -- 0.4
 2030 -- 0.4

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PLAN 1 YEAR 2001

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		705.6	9498.8	3772.4	298.5	54.3	1437301.0	0.0
TURKEY POINT 2		654.7	8839.1	3173.0	277.0	50.4	1333675.0	0.0
FT LAUD 4		0.0	31.1	1347.1	101.9	2.1	1201204.0	0.0
FT LAUD 5		0.0	32.6	1401.3	106.8	2.2	1258598.0	0.0
EVERGLADES 1		113.2	1475.6	356.9	47.9	8.7	230263.2	0.0
EVERGLADES 2		248.5	3249.8	908.0	105.1	19.1	505637.1	0.0
EVERGLADES 3		608.2	7953.2	3532.2	257.3	46.8	1237423.0	0.0
EVERGLADES 4		484.7	6338.0	2852.1	205.1	37.3	986124.1	0.0
RIVIERA 3		1228.5	15123.6	3330.5	300.3	54.6	1437564.0	0.0
RIVIERA 4		1284.9	15618.7	4197.3	314.1	57.1	1503619.0	0.0
CAPE CAN 1		1138.3	12748.5	8293.0	357.7	65.0	1720396.0	0.0
CAPE CAN 2		415.9	4670.0	2780.6	130.7	23.8	628604.0	0.0
SANFORD 3		224.9	1836.5	730.8	51.5	9.4	250499.1	0.0
SANFORD 4		1869.2	15109.3	10786.8	428.4	77.9	2082196.0	0.0
SANFORD 5		1717.2	13558.5	7190.6	393.5	71.5	1912852.0	0.0
PUTNAM 1		0.0	19.8	1202.9	362.4	11.2	531235.1	0.0
PUTNAM 2		0.0	17.1	1068.0	314.0	9.7	460179.9	0.0
MANATEE 1		543.2	7187.1	1734.1	4283.0	41.8	1110441.0	0.0
MANATEE 2		784.5	10409.6	2353.5	6185.4	60.3	1603688.0	0.0
FT MYERS 1		581.3	5379.9	1484.1	136.0	24.7	653128.4	0.0

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PLAN 1 YEAR 2001

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
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FT MYERS 2	2095.9	19665.6	10836.1	490.5	89.2	2354962.0	0.0
CUTLER 5	0.0	0.1	85.0	8.4	0.3	11982.6	0.0
CUTLER 6	0.0	0.1	191.2	17.4	0.7	24799.0	0.0
MARTIN 1	149.2	1874.2	630.7	1295.3	15.3	419821.1	0.0
MARTIN 2	192.8	2623.3	762.9	1674.9	19.8	543448.1	0.0
PFM 2-4 GT'S	10.4	81.1	189.5	13.2	0.0	44570.9	0.0
PFM 2-4 GT'S	8.1	63.1	147.4	10.3	0.0	34664.8	0.0
PFM 2-4 GT'S	6.2	48.5	113.4	7.9	0.0	26683.1	0.0
PFL 3-2 GT'S	2.9	17.2	54.0	3.7	0.0	12665.1	0.0
PFL 3-2 GT'S	0.4	2.7	8.4	0.6	0.0	1966.5	0.0
PFL 3-2 GT'S	0.1	0.6	1.8	0.1	0.0	417.8	0.0
PFL 3-2 GT'S	0.1	0.3	1.0	0.1	0.0	242.9	0.0
PPE 3-2 GT'S	5.1	17.6	97.5	6.5	0.0	22914.2	0.0
PPE 3-2 GT'S	3.9	13.4	73.9	4.9	0.0	17367.1	0.0
SCHERER 4	878.4	31835.6	17356.6	4331.6	90.9	6503438.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	37.8	533.0	104.3	3.9	1563837.0	0.0
MARTIN 4	0.0	36.7	504.6	101.2	3.8	1517687.0	0.0
2 ADV CT-MART	6.1	2.0	60.7	6.7	1.0	78985.6	0.0
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PLAN 1 YEAR 2001

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
2 ADV CT-FT MY		4.6	1.5	45.8	5.1	0.8	59637.4	0.0
PFMREP 1 CT/CC		217.3	72.4	2173.3	241.5	36.2	2830181.0	0.0
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PLAN 1 YEAR 2002

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
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TURKEY POINT 1	282.1	3797.2	1508.0	119.3	21.7	574564.0	0.0
TURKEY POINT 2	327.3	4418.6	1586.1	138.5	25.2	666686.6	0.0
FT LAUD 4	0.0	27.8	1204.6	91.1	1.9	1074195.0	0.0
FT LAUD 5	0.0	29.4	1264.7	96.4	2.0	1135927.0	0.0
EVERGLADES 1	9.6	124.8	30.2	4.1	0.7	19479.3	0.0
EVERGLADES 2	64.5	843.5	235.7	27.3	5.0	131232.8	0.0
EVERGLADES 3	198.6	2597.4	1153.5	84.0	15.3	404121.5	0.0
EVERGLADES 4	210.7	2755.5	1240.0	89.1	16.2	428721.4	0.0
RIVIERA 3	608.9	7496.8	1650.9	148.9	27.1	712597.7	0.0
RIVIERA 4	649.6	7896.7	2122.2	158.8	28.9	760223.9	0.0
CAPE CAN 1	668.0	7481.1	4866.5	209.9	38.2	1009566.7	0.0
CAPE CAN 2	63.9	717.9	427.4	20.1	3.7	96628.0	0.0
SANFORD 3	47.2	385.8	153.5	10.8	2.0	52629.0	0.0
PUTNAM 1	0.0	37.6	2290.7	690.2	21.3	1011589.1	0.0
PUTNAM 2	0.0	38.0	2368.7	696.3	21.5	1020596.8	0.0
MANATEE 1	65.6	868.2	209.5	517.4	5.0	134145.2	0.0
MANATEE 2	137.4	1822.9	412.1	1083.2	10.6	280837.2	0.0
CUTLER 5	0.0	0.0	31.8	3.1	0.1	4480.9	0.0
CUTLER 6	0.0	1.1	1728.4	157.0	6.0	224231.1	0.0
MARTIN 1	216.1	2715.3	913.8	1876.5	22.2	608215.9	0.0
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PLAN 1 YEAR 2002

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		575.8	7833.3	2278.1	5001.2	59.3	1622749.0	0.0
PFM 2-4 GT'S		2.8	21.6	50.4	3.5	0.0	11854.9	0.0
PFM 2-4 GT'S		0.2	1.9	4.5	0.3	0.0	1067.6	0.0
PFM 2-4 GT'S		0.2	1.2	2.9	0.2	0.0	674.7	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	215.8	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	128.8	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	83.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	48.8	0.0
PPE 3-2 GT'S		0.1	0.4	2.2	0.1	0.0	510.5	0.0
PPE 3-2 GT'S		0.1	0.2	1.4	0.1	0.0	318.9	0.0

01427

SCHERER 4	829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	423.3	10782.5	8513.1	2128.3	35.3	2876812.0	0.1
MARTIN 3	0.0	33.7	475.1	92.9	3.5	1393860.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-MART	80.4	26.8	804.3	89.4	13.4	1047326.8	0.0
FIRM PURCHASE	227.1	75.7	2271.4	252.4	37.9	2957907.0	0.0
2 ADV CT-FT MY	58.5	19.5	585.0	65.0	9.8	761806.2	0.0
PFMREP 1 CT/CC	355.3	118.4	3552.7	394.7	59.2	4626448.0	0.0
PSNREP 5	248.1	82.7	2480.7	275.6	41.3	3230470.0	0.0
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PLAN 1 YEAR 2003

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

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		229.2	3117.7	906.7	1990.5	23.6	645855.4	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	283.7	0.0
PFM 2-4 GT'S		0.0	0.3	0.8	0.1	0.0	182.7	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	106.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	30.3	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	17.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	10.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	6.0	0.0
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	78.2	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	45.8	0.0
SCHERER 4		879.8	31886.1	17384.1	4338.4	91.0	6513743.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	37.6	529.6	103.6	3.9	1553911.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-MART		48.8	16.3	487.7	54.2	8.1	635155.3	0.0
FIRM PURCHASE		114.4	38.1	1144.1	127.1	19.1	1489860.0	0.0
LW CC PURCH		41.4	13.8	413.5	45.9	6.9	538507.3	0.0
2 ADV CT-FT MY		33.7	11.2	336.6	37.4	5.6	438290.0	0.0
PFMREP 1 CT/CC		336.6	112.2	3365.7	374.0	56.1	4382897.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				2/11/ 2 20:36:37

PLAN 1 YEAR 2003

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
PSNREP 4		249.1	83.0	2490.7	276.7	41.5	3243388.0	0.0
PSNREP 5		244.8	81.6	2447.8	272.0	40.8	3187637.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				2/11/ 2 20:36:37

PLAN 1 YEAR 2004

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		496.5	6684.1	2654.6	210.1	38.2	1011404.6	0.0
TURKEY POINT 2		668.0	9018.5	3237.4	282.6	51.4	1360739.0	0.0
FT LAUD 4		0.0	29.2	1262.6	95.5	2.0	1125909.0	0.0
FT LAUD 5		0.0	30.8	1323.9	100.9	2.1	1189037.0	0.0
EVERGLADES 1		7.4	96.1	23.2	3.1	0.6	14998.1	0.0

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

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PLAN 1 YEAR 2004

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		307.7	4185.5	1217.2	2672.3	31.7	867077.0	0.0
PFM 2-4 GT'S		1.6	12.8	29.9	2.1	0.0	7032.0	0.0
PFM 2-4 GT'S		0.4	2.8	6.5	0.5	0.0	1523.2	0.0
PFM 2-4 GT'S		0.1	0.4	0.9	0.1	0.0	222.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	66.6	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	39.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	24.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	14.3	0.0
PPE 3-2 GT'S		0.0	0.1	0.7	0.0	0.0	165.6	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	100.4	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3		0.0	38.4	541.4	105.9	4.0	1588470.0	0.0
MARTIN 4		0.0	34.8	478.9	96.0	3.6	1440157.0	0.0

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

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244423.0	0.0
PSNREP 5		247.1	82.4	2470.8	274.5	41.2	3217534.0	0.0
IELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE			2/11/ 2	20:36:37

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PLAN 1 YEAR 2005

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		371.4	5000.3	1985.8	157.2	28.6	756614.3	0.0
TURKEY POINT 2		587.7	7934.3	2848.2	248.7	45.2	1197147.0	0.0
FT LAUD 4		0.0	26.7	1156.4	87.5	1.8	1031190.4	0.0
FT LAUD 5		0.0	28.2	1213.7	92.5	1.9	1090093.0	0.0
EVERGLADES 1		10.3	133.8	32.4	4.3	0.8	20875.1	0.0
EVERGLADES 2		117.3	1533.6	428.5	49.6	9.0	238606.1	0.0
EVERGLADES 3		439.1	5741.8	2550.0	185.8	33.8	893355.2	0.0
EVERGLADES 4		426.6	5578.5	2510.3	180.5	32.8	867943.1	0.0
RIVIERA 3		948.5	11677.6	2571.6	231.9	42.2	1110002.0	0.0
RIVIERA 4		947.4	11516.5	3094.9	231.6	42.1	1108696.0	0.0
CAPE CAN 1		939.4	10521.2	6844.1	295.2	53.7	1419823.0	0.0
CAPE CAN 2		77.9	874.9	520.9	24.5	4.5	117769.6	0.0
SANFORD 3		177.9	1453.2	578.3	40.8	7.4	198215.7	0.0
PUTNAM 1		0.0	35.6	2163.2	651.8	20.1	955300.9	0.0
PUTNAM 2		0.0	31.9	1991.9	585.6	18.1	858272.6	0.0

MANATEE 1	66.1	874.8	211.1	521.3	5.1	135155.4	0.0
MANATEE 2	316.2	4195.1	948.5	2492.7	24.3	646284.2	0.0
CUTLER 5	0.0	0.0	29.1	2.9	0.1	4097.2	0.0
CUTLER 6	0.0	0.0	66.1	6.0	0.2	8570.9	0.0
MARTIN 1	142.6	1791.6	602.9	1238.2	14.7	401316.4	0.0

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PLAN 1 YEAR 2005

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		388.7	5287.9	1537.8	3376.1	40.0	1095450.0	0.0
PFM 2-4 GT'S		3.3	26.0	60.8	4.2	0.0	14300.1	0.0
PFM 2-4 GT'S		1.9	14.7	34.5	2.4	0.0	8103.9	0.0
PFM 2-4 GT'S		0.1	1.1	2.6	0.2	0.0	616.9	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	207.3	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	124.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	82.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	48.4	0.0
PPE 3-2 GT'S		0.1	0.4	2.0	0.1	0.0	479.0	0.0
PPE 3-2 GT'S		0.1	0.2	1.3	0.1	0.0	298.9	0.0
SCHERER 4		778.3	28207.6	15378.6	3838.0	80.5	5762295.0	0.3
SJRPP 1 (OWN)		257.5	6559.3	5178.8	1294.7	21.5	1750058.0	0.0
SJRPP 2 (PURCH)		468.3	11929.3	9418.5	2354.6	39.0	3182782.0	0.1
MARTIN 3		0.0	37.2	524.7	102.6	3.8	1539443.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596648.0	0.0
FIRM PURCHASE		74.3	24.8	742.9	82.5	12.4	967447.2	0.0
2 ADV CT-FT MY		47.3	15.8	473.2	52.6	7.9	616239.4	0.0
PFMREP 1 CT/CC		354.7	118.2	3546.6	394.1	59.1	4618514.0	0.0
PSNREP 4		249.1	83.0	2491.4	276.8	41.5	3244384.0	0.0
PSNREP 5		247.5	82.5	2475.3	275.0	41.3	3223327.0	0.0

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PLAN 1 YEAR 2006

ALTERNATIVE PMT1 SO2 NOX CO VOC CO2 HG

UNIT NAME	INSTALL YEAR	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS
TURKEY POINT 1		473.9	6379.5	2533.6	200.5	36.5	965303.6	0.0
TURKEY POINT 2		641.6	8661.7	3109.3	271.4	49.4	1306899.0	0.0
FT LAUD 4		0.0	25.2	1090.5	82.5	1.7	972384.6	0.0
FT LAUD 5		0.0	26.4	1136.5	86.6	1.8	1020720.7	0.0
EVERGLADES 1		9.7	126.0	30.5	4.1	0.7	19656.6	0.0
EVERGLADES 2		114.9	1502.8	419.9	48.6	8.8	233821.4	0.0
EVERGLADES 3		405.9	5307.6	2357.2	171.7	31.2	825801.6	0.0
EVERGLADES 4		378.6	4951.0	2227.9	160.2	29.1	770313.5	0.0
RIVIERA 3		953.5	11739.0	2585.1	233.1	42.4	1115844.0	0.0
RIVIERA 4		1031.6	12539.8	3369.9	252.2	45.8	1207212.0	0.0
CAPE CAN 1		911.0	10202.9	6637.1	286.3	52.1	1376868.0	0.0
CAPE CAN 2		68.0	763.9	454.8	21.4	3.9	102825.2	0.0
SANFORD 3		174.3	1423.5	566.5	39.9	7.3	194176.7	0.0
PUTNAM 1		0.0	35.9	2186.7	658.8	20.4	965665.2	0.0
PUTNAM 2		0.0	35.1	2190.3	643.9	19.9	943740.9	0.0
MANATEE 1		61.7	816.4	197.0	486.5	4.7	126141.6	0.0
MANATEE 2		334.4	4437.8	1003.3	2637.0	25.7	683683.1	0.0
CUTLER 5		0.0	0.0	27.3	2.7	0.1	3851.8	0.0
CUTLER 6		0.0	0.0	63.0	5.7	0.2	8169.6	0.0
MARTIN 1		120.2	1510.1	508.2	1043.6	12.4	338262.4	0.0
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PLAN 1 YEAR 2006

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		383.2	5212.5	1515.9	3327.9	39.4	1079815.0	0.0
PFM 2-4 GT'S		2.2	17.5	40.8	2.8	0.0	9596.1	0.0
PFM 2-4 GT'S		0.2	1.6	3.7	0.3	0.0	873.2	0.0
PFM 2-4 GT'S		0.1	1.0	2.3	0.2	0.0	547.1	0.0
PFL 3-2 GT'S		0.0	0.2	0.8	0.1	0.0	181.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	109.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	72.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	42.4	0.0
PPE 3-2 GT'S		0.1	0.3	1.8	0.1	0.0	419.8	0.0

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PPE 3-2 GT'S	0.1	0.2	1.1	0.1	0.0	263.7	0.0
SCHERER 4	879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3	0.0	37.5	529.4	103.5	3.9	1553181.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
FIRM PURCHASE	74.5	24.8	745.2	82.8	12.4	970403.6	0.0
2 ADV CT-FT MY	47.5	15.8	475.0	52.8	7.9	618538.1	0.0
PFMREP 1 CT/CC	361.5	120.5	3615.2	401.7	60.3	4707826.0	0.0
PSNREP 4	249.1	83.0	2491.4	276.8	41.5	3244401.0	0.0
PSNREP 5	248.1	82.7	2480.7	275.6	41.3	3230456.0	0.0
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PLAN 1 YEAR 2007

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		334.1	4497.9	1786.3	141.4	25.7	680601.7	0.0
TURKEY POINT 2		461.7	6232.7	2237.4	195.3	35.5	940414.7	0.0
FT LAUD 4		0.0	23.3	1009.7	76.4	1.6	900326.5	0.0
FT LAUD 5		0.0	24.9	1069.2	81.5	1.7	960282.6	0.0
EVERGLADES 1		4.5	59.3	14.3	1.9	0.3	9247.3	0.0
EVERGLADES 2		108.0	1411.9	394.5	45.7	8.3	219682.4	0.0
EVERGLADES 3		410.8	5372.2	2385.9	173.8	31.6	835852.4	0.0
EVERGLADES 4		360.1	4708.8	2119.0	152.3	27.7	732632.2	0.0
RIVIERA 3		744.8	9168.9	2019.2	182.1	33.1	871546.4	0.0
RIVIERA 4		850.2	10334.3	2777.2	207.8	37.8	994886.3	0.0
CAPE CAN 1		692.7	7758.3	5046.9	217.7	39.6	1046981.4	0.0
CAPE CAN 2		75.4	846.2	503.8	23.7	4.3	113900.6	0.0
SANFORD 3		175.2	1430.9	569.5	40.2	7.3	195185.3	0.0
PUTNAM 1		0.0	30.1	1834.3	552.7	17.1	810060.4	0.0
PUTNAM 2		0.0	28.4	1768.9	520.0	16.1	762186.7	0.0
MANATEE 1		62.6	827.9	199.8	493.4	4.8	127916.8	0.0
MANATEE 2		193.4	2566.6	580.3	1525.1	14.9	395404.1	0.0
CUTLER 5		0.0	0.0	2.4	0.2	0.0	339.7	0.0
CUTLER 6		0.0	0.0	5.8	0.5	0.0	750.3	0.0
MARTIN 1		235.8	2962.7	997.0	2047.5	24.2	663626.2	0.0

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PLAN 1 YEAR 2007

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		330.6	4496.6	1307.7	2870.9	34.0	931524.9	0.0
PFM 2-4 GT'S		0.3	2.0	4.6	0.3	0.0	1075.8	0.0
PFM 2-4 GT'S		0.2	1.3	3.1	0.2	0.0	728.8	0.0
PFM 2-4 GT'S		0.1	0.8	1.9	0.1	0.0	458.4	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	151.4	0.0

PFL 3-2 GT'S	0.0	0.1	0.4	0.0	0.0	94.4	0.0
PFL 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	60.7	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	37.5	0.0
PPE 3-2 GT'S	0.1	0.3	1.5	0.1	0.0	349.8	0.0
PPE 3-2 GT'S	0.0	0.2	1.0	0.1	0.0	223.5	0.0
SCHERER 4	846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	38.5	542.8	106.2	4.0	1592591.0	0.0
MARTIN 4	0.0	37.8	520.5	104.4	3.9	1565387.0	0.0
2 ADV CT-FT MY	52.8	17.6	528.4	58.7	8.8	688080.6	0.0
PFMREP 1 CT/CC	364.8	121.6	3648.2	405.4	60.8	4750785.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.4	82.8	2483.6	276.0	41.4	3234220.0	0.0
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PLAN 1 YEAR 2008

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		387.4	5214.5	2070.9	163.9	29.8	789024.7	0.0
TURKEY POINT 2		492.2	6644.9	2385.4	208.2	37.9	1002605.8	0.0
FT LAUD 4		0.0	23.1	1000.0	75.6	1.6	891752.4	0.0
FT LAUD 5		0.0	67.7	1032.5	90.5	2.6	957335.6	0.0
EVERGLADES 1		13.1	171.0	41.4	5.5	1.0	26690.5	0.0
EVERGLADES 2		132.8	1736.6	485.2	56.2	10.2	270191.2	0.0
EVERGLADES 3		424.0	5544.0	2462.2	179.4	32.6	862580.7	0.0
EVERGLADES 4		436.4	5707.4	2568.3	184.7	33.6	888003.9	0.0
RIVIERA 3		845.0	10403.4	2291.0	206.6	37.6	988891.1	0.0
RIVIERA 4		886.5	10776.0	2895.9	216.7	39.4	1037409.4	0.0
CAPE CAN 1		764.3	8559.8	5568.2	240.2	43.7	1155136.0	0.0
CAPE CAN 2		98.7	1108.2	659.8	31.0	5.6	149163.7	0.0
SANFORD 3		197.6	1614.1	642.4	45.3	8.2	220173.1	0.0
PUTNAM 1		0.0	31.4	1910.8	575.7	17.8	843840.4	0.0
PUTNAM 2		0.0	31.7	1974.8	580.5	17.9	850895.2	0.0
MANATEE 1		82.8	1095.2	264.2	652.7	6.4	169214.8	0.0

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MANATEE 2	258.4	3428.4	775.1	2037.2	19.9	528172.1	0.0
CUTLER 5	0.0	0.0	22.1	2.2	0.1	3112.2	0.0
CUTLER 6	0.0	0.1	86.0	7.8	0.3	11153.8	0.0
MARTIN 1	275.8	3465.5	1166.2	2395.0	28.4	776260.6	0.0
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PLAN 1 YEAR 2008

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		428.9	5834.3	1696.7	3725.0	44.1	1208644.0	0.0
PFM 2-4 GT'S		0.4	3.4	7.8	0.5	0.0	1844.5	0.0
PFM 2-4 GT'S		0.3	2.2	5.2	0.4	0.0	1231.8	0.0
PFM 2-4 GT'S		0.2	1.5	3.4	0.2	0.0	804.9	0.0
PFL 3-2 GT'S		0.1	0.4	1.2	0.1	0.0	275.6	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	170.5	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	114.8	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	68.5	0.0
PPE 3-2 GT'S		0.1	0.5	2.6	0.2	0.0	613.5	0.0
PPE 3-2 GT'S		0.1	0.3	1.7	0.1	0.0	399.0	0.0
SCHERER 4		846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		387.3	9864.8	7788.6	1947.1	32.3	2631975.0	0.1
MARTIN 3		0.0	38.4	541.5	105.9	4.0	1588872.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY		57.9	19.3	579.2	64.4	9.7	754198.7	0.0
PFMREP 1 CT/CC		363.0	121.0	3630.2	403.4	60.5	4727333.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5		248.2	82.7	2482.3	275.8	41.4	3232450.0	0.0
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PLAN 1 YEAR 2009

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
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TURKEY POINT 1	357.4	4811.1	1910.7	151.2	27.5	727985.4	0.0
TURKEY POINT 2	474.5	6405.7	2299.5	200.7	36.5	966511.1	0.0
FT LAUD 4	0.0	23.2	1005.4	76.0	1.6	896524.0	0.0
FT LAUD 5	0.0	24.7	1060.5	80.8	1.7	952517.6	0.0
EVERGLADES 1	10.1	132.0	31.9	4.3	0.8	20590.6	0.0
EVERGLADES 2	116.5	1523.8	425.8	49.3	9.0	237082.7	0.0
EVERGLADES 3	423.8	5542.0	2461.3	179.3	32.6	862276.2	0.0
EVERGLADES 4	402.0	5257.1	2365.7	170.1	30.9	817945.1	0.0
RIVIERA 3	790.5	9731.4	2143.0	193.2	35.1	925006.3	0.0
RIVIERA 4	865.9	10525.8	2828.7	211.7	38.5	1013324.6	0.0
CAPE CAN 1	710.2	7954.8	5174.7	223.2	40.6	1073490.0	0.0
CAPE CAN 2	70.8	794.6	473.1	22.2	4.0	106951.1	0.0
SANFORD 3	174.7	1427.0	567.9	40.0	7.3	194645.0	0.0
PUTNAM 1	0.0	30.7	1869.4	563.2	17.4	825524.6	0.0
PUTNAM 2	0.0	27.3	1704.7	501.1	15.5	734516.1	0.0
MANATEE 1	57.7	763.8	184.3	455.2	4.4	118013.7	0.0
MANATEE 2	191.1	2535.2	573.2	1506.4	14.7	390564.4	0.0
CUTLER 5	0.0	0.0	3.0	0.3	0.0	416.5	0.0
CUTLER 6	0.0	0.0	6.9	0.6	0.0	895.1	0.0
MARTIN 1	234.5	2946.2	991.5	2036.1	24.1	659945.1	0.0
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PLAN 1 YEAR 2009

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		362.2	4926.7	1432.8	3145.5	37.3	1020617.2	0.0
PFM 2-4 GT'S		0.3	2.5	5.8	0.4	0.0	1370.7	0.0
PFM 2-4 GT'S		0.2	1.6	3.8	0.3	0.0	898.6	0.0
PFM 2-4 GT'S		0.1	1.1	2.6	0.2	0.0	610.3	0.0
PFL 3-2 GT'S		0.0	0.3	0.8	0.1	0.0	197.7	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	136.8	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	82.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	56.4	0.0
PPE 3-2 GT'S		0.1	0.3	1.9	0.1	0.0	442.0	0.0
PPE 3-2 GT'S		0.1	0.2	1.3	0.1	0.0	311.5	0.0

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SCHERER 4	879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	34.7	490.0	95.8	3.6	1437736.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY	54.0	18.0	540.1	60.0	9.0	703302.8	0.0
PFMREP 1 CT/CC	366.7	122.2	3667.2	407.5	61.1	4775548.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.3	82.8	2483.4	275.9	41.4	3233915.0	0.0
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PLAN 1 YEAR 2010

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		219.3	2952.6	1172.6	92.8	16.9	446766.2	0.0
TURKEY POINT 2		369.9	4993.8	1792.7	156.5	28.5	753487.2	0.0
FT LAUD 4		0.0	19.0	822.5	62.2	1.3	733427.8	0.0
FT LAUD 5		0.0	20.9	897.7	68.4	1.4	806309.9	0.0
EVERGLADES 1		0.4	4.6	1.1	0.1	0.0	713.2	0.0
EVERGLADES 2		77.4	1012.6	282.9	32.8	6.0	157549.0	0.0
EVERGLADES 3		291.8	3815.6	1694.6	123.4	22.4	593657.1	0.0
EVERGLADES 4		260.4	3404.9	1532.2	110.2	20.0	529759.1	0.0
RIVIERA 3		557.7	6865.3	1511.9	136.3	24.8	652578.3	0.0
RIVIERA 4		664.7	8080.4	2171.5	162.5	29.5	777901.5	0.0
CAPE CAN 1		504.7	5652.8	3677.2	158.6	28.8	762839.3	0.0
CAPE CAN 2		41.8	469.3	279.5	13.1	2.4	63176.8	0.0
SANFORD 3		115.0	939.4	373.8	26.4	4.8	128133.1	0.0
PUTNAM 1		0.0	24.5	1489.7	448.8	13.9	657858.2	0.0
PUTNAM 2		0.0	23.0	1437.1	422.4	13.1	619186.6	0.0
MANATEE 1		18.2	240.2	57.9	143.1	1.4	37107.2	0.0
MANATEE 2		109.8	1457.6	329.5	866.1	8.4	224552.1	0.0
CUTLER 5		0.0	0.0	0.9	0.1	0.0	122.1	0.0
CUTLER 6		0.0	0.0	2.1	0.2	0.0	268.1	0.0
MARTIN 1		92.2	1158.8	390.0	800.8	9.5	259564.9	0.0
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PLAN 1 YEAR 2010

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS	
MARTIN 2		262.0	3564.0	1036.5	2275.5	27.0	738320.6	0.0	
PFM 2-4 GT'S		0.1	0.7	1.6	0.1	0.0	385.0	0.0	
PFM 2-4 GT'S		0.1	0.5	1.1	0.1	0.0	253.6	0.0	
PFM 2-4 GT'S		0.0	0.3	0.7	0.0	0.0	163.7	0.0	
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	50.7	0.0	
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	34.6	0.0	
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	20.4	0.0	
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	13.9	0.0	
PPE 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	118.4	0.0	
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	80.8	0.0	
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3	
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1	
SJRPP 2 (PURCH)		432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1	
MARTIN 3		0.0	38.9	548.2	107.2	4.0	1608372.0	0.0	
MARTIN 4		0.0	34.8	478.9	96.0	3.6	1440157.0	0.0	
2 ADV CT-FT MY		41.2	13.7	412.4	45.8	6.9	536987.2	0.0	
PFMREP 1 CT/CC		383.3	127.8	3833.0	425.9	63.9	4991354.0	0.0	
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0	
PSNREP 5		248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0	
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PLAN 1 YEAR 2011

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		367.9	4952.1	1966.7	155.6	28.3	749320.4	0.0
TURKEY POINT 2		343.7	4639.9	1665.6	145.4	26.4	700086.6	0.0
FT LAUD 4		0.0	19.9	863.1	65.3	1.4	769660.7	0.0
FT LAUD 5		0.0	21.6	930.7	70.9	1.5	835917.9	0.0
EVERGLADES 1		0.6	7.4	1.8	0.2	0.0	1158.7	0.0

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EVERGLADES 2	98.7	1291.1	360.8	41.8	7.6	200885.1	0.0
EVERGLADES 3	281.0	3675.0	1632.1	118.9	21.6	571781.3	0.0
EVERGLADES 4	225.9	2954.6	1329.6	95.6	17.4	459703.9	0.0
RIVIERA 3	610.0	7509.7	1653.8	149.1	27.1	713831.4	0.0
RIVIERA 4	713.2	8669.5	2329.8	174.3	31.7	834618.7	0.0
CAPE CAN 1	561.8	6291.9	4092.9	176.6	32.1	849083.2	0.0
CAPE CAN 2	52.2	586.5	349.2	16.4	3.0	78943.9	0.0
SANFORD 3	128.3	1048.0	417.1	29.4	5.3	142947.9	0.0
PUTNAM 1	0.0	25.3	1537.5	463.2	14.3	678978.9	0.0
PUTNAM 2	0.0	21.7	1352.6	397.6	12.3	582803.7	0.0
MANATEE 1	37.0	489.2	118.0	291.5	2.8	75580.1	0.0
MANATEE 2	139.9	1856.0	419.6	1102.8	10.8	285933.9	0.0
CUTLER 5	0.0	0.0	1.5	0.1	0.0	209.3	0.0
CUTLER 6	0.0	0.0	3.7	0.3	0.0	476.3	0.0
MARTIN 1	196.3	2466.1	829.9	1704.3	20.2	552386.3	0.0
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PLAN 1 YEAR 2011

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		260.6	3544.7	1030.9	2263.1	26.8	734325.7	0.0
PFM 2-4 GT'S		0.2	1.2	2.9	0.2	0.0	671.8	0.0
PFM 2-4 GT'S		0.1	0.9	2.0	0.1	0.0	469.7	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	292.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	103.0	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	65.6	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	42.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	27.8	0.0
PPE 3-2 GT'S		0.1	0.2	1.0	0.1	0.0	231.4	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	147.4	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	38.9	548.2	107.2	4.0	1608372.0	0.0
MARTIN 4		0.0	37.1	510.1	102.3	3.8	1534080.0	0.0
2 ADV CT-FT MY		44.2	14.7	442.2	49.1	7.4	575872.4	0.0
PFMREP 1 CT/CC		384.2	128.1	3842.4	426.9	64.0	5003614.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5		248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0
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PLAN 1 YEAR 2012

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		206.3	2776.9	1102.8	87.3	15.9	420184.6	0.0
TURKEY POINT 2		288.0	3887.7	1395.6	121.8	22.2	586586.1	0.0
FT LAUD 4		0.0	15.2	658.4	49.8	1.0	587124.6	0.0
FT LAUD 5		0.0	16.7	717.0	54.6	1.1	643947.2	0.0
EVERGLADES 1		0.3	3.3	0.8	0.1	0.0	520.4	0.0
EVERGLADES 2		63.1	825.2	230.6	26.7	4.9	128399.0	0.0

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EVERGLADES 3	217.7	2846.5	1264.2	92.1	16.7	442875.9	0.0
EVERGLADES 4	241.5	3158.6	1421.4	102.2	18.6	491436.6	0.0
RIVIERA 3	438.9	5403.2	1189.9	107.3	19.5	513601.1	0.0
RIVIERA 4	531.9	6465.1	1737.4	130.0	23.6	622394.9	0.0
CAPE CAN 1	490.0	5487.6	3569.7	154.0	28.0	740544.1	0.0
CAPE CAN 2	24.7	277.3	165.1	7.8	1.4	37322.4	0.0
SANFORD 3	90.9	742.7	295.6	20.8	3.8	101304.4	0.0
PUTNAM 1	0.0	20.1	1222.8	368.4	11.4	540020.1	0.0
PUTNAM 2	0.0	19.8	1232.7	362.4	11.2	531131.7	0.0
MANATEE 1	5.5	73.4	17.7	43.7	0.4	11342.6	0.0
MANATEE 2	55.3	733.8	165.9	436.0	4.3	113046.0	0.0
CUTLER 5	0.0	0.0	0.6	0.1	0.0	86.6	0.0
CUTLER 6	0.0	0.0	1.5	0.1	0.0	201.1	0.0
MARTIN 1	94.6	1188.7	400.0	821.5	9.7	266270.4	0.0

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PLAN 1 YEAR 2012

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		215.6	2933.0	853.0	1872.6	22.2	607604.3	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	280.0	0.0
PFM 2-4 GT'S		0.0	0.4	0.8	0.1	0.0	194.3	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	119.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	41.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	26.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	16.9	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	11.1	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	94.4	0.0
PPE 3-2 GT'S		0.0	0.0	0.3	0.0	0.0	59.2	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		423.3	10782.5	8513.1	2128.3	35.3	2876812.0	0.1
MARTIN 3		0.0	34.3	483.7	94.6	3.5	1419151.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY		36.7	12.2	366.9	40.8	6.1	477758.1	0.0
PFMREP 1 CT/CC		385.7	128.6	3856.8	428.5	64.3	5022433.0	0.0

PSNREP 4 249.1 83.0 2491.5 276.8 41.5 3244454.0 0.0
 PSNREP 5 248.6 82.9 2486.4 276.3 41.4 3237852.0 0.0
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PLAN 1 YEAR 2013

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		185.4	2495.3	991.0	78.4	14.3	377569.6	0.0
TURKEY POINT 2		282.7	3816.9	1370.2	119.6	21.7	575903.3	0.0
FT LAUD 4		0.0	16.7	721.4	54.6	1.1	643309.7	0.0
FT LAUD 5		0.0	18.4	791.6	60.3	1.3	711013.1	0.0
EVERGLADES 1		0.3	4.0	1.0	0.1	0.0	627.4	0.0
EVERGLADES 2		62.4	816.4	228.1	26.4	4.8	127029.2	0.0
EVERGLADES 3		251.4	3287.2	1459.9	106.3	19.3	511444.2	0.0
EVERGLADES 4		233.7	3056.6	1375.5	98.9	18.0	475571.9	0.0
RIVIERA 3		528.9	6511.6	1434.0	129.3	23.5	618958.2	0.0
RIVIERA 4		579.8	7048.2	1894.1	141.7	25.8	678539.3	0.0
CAPE CAN 1		442.8	4959.2	3226.0	139.2	25.3	669241.9	0.0
CAPE CAN 2		22.5	252.8	150.5	7.1	1.3	34029.0	0.0
SANFORD 3		143.4	1171.4	466.2	32.9	6.0	159776.5	0.0
PUTNAM 1		0.0	20.6	1256.3	378.5	11.7	554812.6	0.0
PUTNAM 2		0.0	19.1	1193.2	350.7	10.8	514095.1	0.0
MANATEE 1		1.8	24.3	5.9	14.5	0.1	3761.1	0.0
MANATEE 2		73.1	970.5	219.4	576.7	5.6	149510.3	0.0
CUTLER 5		0.0	0.0	0.8	0.1	0.0	109.6	0.0
CUTLER 6		0.0	0.0	1.8	0.2	0.0	237.4	0.0
MARTIN 1		103.2	1297.0	436.5	896.3	10.6	290520.6	0.0

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PLAN 1 YEAR 2013

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
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MARTIN 2	189.4	2576.0	749.1	1644.6	19.5	533638.4	0.0
PFM 2-4 GT'S	0.1	0.6	1.5	0.1	0.0	354.4	0.0
PFM 2-4 GT'S	0.1	0.4	1.0	0.1	0.0	230.7	0.0
PFM 2-4 GT'S	0.0	0.3	0.7	0.0	0.0	157.4	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	50.2	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	34.8	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	21.6	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	14.1	0.0
PPE 3-2 GT'S	0.0	0.1	0.5	0.0	0.0	110.8	0.0
PPE 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	79.9	0.0
SCHERER 4	879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	39.6	558.9	109.3	4.1	1639909.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-FT MY	36.3	12.1	362.8	40.3	6.0	472491.3	0.0
PFMREP 1 CT/CC	385.4	128.5	3854.3	428.3	64.2	5019194.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0

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PLAN 1 YEAR 2014

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		224.2	3017.7	1198.5	94.8	17.2	456626.4	0.0
TURKEY POINT 2		335.0	4522.4	1623.4	141.7	25.8	682353.0	0.0
FT LAUD 4		0.0	17.5	757.9	57.3	1.2	675794.1	0.0
FT LAUD 5		0.0	19.2	825.8	62.9	1.3	741719.2	0.0
EVERGLADES 1		0.5	6.6	1.6	0.2	0.0	1029.1	0.0
EVERGLADES 2		75.0	980.1	273.9	31.7	5.8	152494.5	0.0
EVERGLADES 3		273.0	3570.6	1585.8	115.5	21.0	555545.5	0.0
EVERGLADES 4		247.5	3236.0	1456.2	104.7	19.0	503483.6	0.0
RIVIERA 3		568.0	6992.4	1539.8	138.8	25.2	664657.9	0.0
RIVIERA 4		622.7	7568.9	2034.1	152.2	27.7	728664.9	0.0
CAPE CAN 1		559.3	6264.4	4075.0	175.8	32.0	845372.1	0.0
CAPE CAN 2		39.8	446.6	265.9	12.5	2.3	60120.8	0.0

SANFORD 3	161.3	1317.2	524.2	37.0	6.7	179672.8	0.0
PUTNAM 1	0.0	22.2	1352.2	407.4	12.6	597147.3	0.0
PUTNAM 2	0.0	21.5	1338.5	393.5	12.2	576733.5	0.0
MANATEE 1	20.8	274.5	66.2	163.6	1.6	42419.4	0.0
MANATEE 2	98.6	1308.0	295.7	777.2	7.6	201509.2	0.0
CUTLER 5	0.0	0.0	1.3	0.1	0.0	183.3	0.0
CUTLER 6	0.0	0.0	3.2	0.3	0.0	410.2	0.0
MARTIN 1	125.3	1574.6	529.9	1088.2	12.9	352705.5	0.0

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PLAN 1 YEAR 2014

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		233.5	3176.1	923.7	2027.8	24.0	657964.6	0.0
PFM 2-4 GT'S		0.1	1.1	2.5	0.2	0.0	587.1	0.0
PFM 2-4 GT'S		0.1	0.8	1.8	0.1	0.0	416.6	0.0
PFM 2-4 GT'S		0.1	0.5	1.1	0.1	0.0	266.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	93.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	65.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	39.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	28.0	0.0
PPE 3-2 GT'S		0.0	0.2	0.9	0.1	0.0	208.3	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	141.9	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)		432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3		0.0	39.6	558.9	109.3	4.1	1639909.0	0.0
MARTIN 4		0.0	34.8	478.9	96.0	3.6	1440157.0	0.0
2 ADV CT-FT MY		35.4	11.8	354.0	39.3	5.9	460965.2	0.0
PFMREP 1 CT/CC		386.1	128.7	3861.4	429.0	64.4	5028395.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5		248.6	82.9	2486.4	276.3	41.4	3237852.0	0.0

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PLAN 1 YEAR 2015

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		222.6	2996.8	1190.2	94.2	17.1	453465.4	0.0
TURKEY POINT 2		249.2	3363.8	1207.5	105.4	19.2	507539.9	0.0
FT LAUD 4		0.0	14.1	611.0	46.2	1.0	544820.5	0.0
FT LAUD 5		0.0	15.6	669.9	51.0	1.1	601713.4	0.0
EVERGLADES 1		0.2	2.3	0.6	0.1	0.0	364.6	0.0
EVERGLADES 2		60.3	789.0	220.5	25.5	4.6	122756.2	0.0
EVERGLADES 3		232.3	3038.0	1349.2	98.3	17.9	472673.2	0.0
EVERGLADES 4		196.6	2571.0	1156.9	83.2	15.1	400009.7	0.0
RIVIERA 3		465.9	5735.9	1263.1	113.9	20.7	545217.7	0.0
RIVIERA 4		469.0	5700.6	1532.0	114.6	20.8	548800.1	0.0

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CAPE CAN 1	423.9	4747.1	3088.1	133.2	24.2	640622.6	0.0
CAPE CAN 2	45.2	507.9	302.4	14.2	2.6	68363.8	0.0
SANFORD 3	137.7	1124.2	447.4	31.5	5.7	153343.8	0.0
PUTNAM 1	0.0	17.8	1083.6	326.5	10.1	478527.8	0.0
PUTNAM 2	0.0	16.0	997.7	293.3	9.1	429900.6	0.0
MANATEE 1	1.5	20.5	4.9	12.2	0.1	3160.4	0.0
MANATEE 2	102.2	1355.5	306.5	805.4	7.9	208825.4	0.0
CUTLER 5	0.0	0.0	0.4	0.0	0.0	56.5	0.0
CUTLER 6	0.0	0.0	1.0	0.1	0.0	134.4	0.0
MARTIN 1	20.1	252.1	84.8	174.2	2.1	56467.9	0.0
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PLAN 1 YEAR 2015

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		194.3	2643.3	768.7	1687.6	20.0	547582.5	0.0
PFM 2-4 GT'S		0.0	0.4	0.8	0.1	0.0	198.9	0.0
PFM 2-4 GT'S		0.0	0.2	0.6	0.0	0.0	134.0	0.0
PFM 2-4 GT'S		0.0	0.2	0.4	0.0	0.0	84.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	30.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	19.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	12.5	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	8.4	0.0
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	67.3	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	41.9	0.0
SCHERER 4		778.3	28207.7	15378.7	3838.0	80.5	5762323.0	0.3
SJRPP 1 (OWN)		257.5	6559.3	5178.8	1294.7	21.5	1750058.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3		0.0	22.6	319.0	62.4	2.3	935896.2	0.0
MARTIN 4		0.0	30.7	422.8	84.8	3.2	1271715.0	0.0
2 ADV CT-FT MY		7.1	2.4	71.3	7.9	1.2	92912.2	0.0
PFMREP 1 CT/CC		192.2	64.1	1922.4	213.6	32.0	2503335.0	0.0
PSNREP 4		183.6	61.2	1835.6	204.0	30.6	2390417.0	0.0
PSNREP 5		163.0	54.3	1629.7	181.1	27.2	2122209.0	0.0
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PLAN 1 YEAR 2016

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		260.6	3507.6	1393.0	110.2	20.0	530755.2	0.0
TURKEY POINT 2		282.0	3806.5	1366.4	119.3	21.7	574334.1	0.0
FT LAUD 4		0.0	13.7	591.8	44.8	0.9	527727.9	0.0
FT LAUD 5		0.0	14.9	642.7	49.0	1.0	577204.4	0.0
EVERGLADES 1		10.4	136.1	32.9	4.4	0.8	21238.3	0.0
EVERGLADES 2		97.1	1269.6	354.7	41.1	7.5	197528.8	0.0
EVERGLADES 3		224.1	2930.7	1301.6	94.8	17.2	455988.6	0.0
EVERGLADES 4		207.1	2708.7	1218.9	87.6	15.9	421439.4	0.0
RIVIERA 3		538.2	6625.9	1459.1	131.6	23.9	629817.4	0.0
RIVIERA 4		586.9	7134.2	1917.2	143.5	26.1	686810.2	0.0
CAPE CAN 1		447.8	5015.1	3262.3	140.7	25.6	676776.6	0.0
CAPE CAN 2		63.2	709.6	422.5	19.9	3.6	95514.9	0.0
SANFORD 3		146.0	1192.3	474.5	33.5	6.1	162639.7	0.0
PUTNAM 1		0.0	16.2	987.3	297.4	9.2	435981.9	0.0
PUTNAM 2		0.0	15.8	986.4	290.0	9.0	424996.2	0.0
MANATEE 1		61.0	807.7	194.9	481.3	4.7	124791.7	0.0
MANATEE 2		289.8	3845.8	869.5	2285.2	22.3	592481.4	0.0
CUTLER 5		0.0	0.0	0.8	0.1	0.0	107.0	0.0
CUTLER 6		0.0	0.0	1.8	0.2	0.0	227.1	0.0
MARTIN 1		4.2	53.1	17.9	36.7	0.4	11887.9	0.0
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PLAN 1 YEAR 2016

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		109.4	1488.2	432.8	950.2	11.3	308301.6	0.0
PFM 2-4 GT'S		0.1	0.7	1.6	0.1	0.0	368.1	0.0
PFM 2-4 GT'S		0.1	0.4	1.0	0.1	0.0	235.1	0.0
PFM 2-4 GT'S		0.0	0.3	0.7	0.0	0.0	164.9	0.0

PFL 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	59.9	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	36.9	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	26.3	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	16.3	0.0
PPE 3-2 GT'S	0.0	0.1	0.5	0.0	0.0	123.5	0.0
PPE 3-2 GT'S	0.0	0.1	0.4	0.0	0.0	83.1	0.0
SCHERER 4	879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	432.3	11011.9	8694.2	2173.6	36.0	2938019.0	0.1
MARTIN 3	0.0	22.7	320.7	62.7	2.4	940845.7	0.0
MARTIN 4	0.0	31.0	426.7	85.6	3.2	1283395.0	0.0
2 ADV CT-FT MY	0.1	0.0	0.5	0.1	0.0	692.4	0.0
PFMREP 1 CT/CC	193.4	64.5	1933.8	214.9	32.2	2518266.0	0.0
PSNREP 4	185.4	61.8	1854.1	206.0	30.9	2414408.0	0.0
PSNREP 5	164.2	54.7	1642.2	182.5	27.4	2138474.0	0.0
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PLAN 1 YEAR 2017

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		192.2	2587.8	1027.7	81.3	14.8	391577.2	0.0
TURKEY POINT 2		221.1	2984.5	1071.4	93.5	17.0	450315.1	0.0
FT LAUD 4		0.0	11.9	514.3	38.9	0.8	458637.5	0.0
FT LAUD 5		0.0	13.0	561.0	42.7	0.9	503853.3	0.0
EVERGLADES 1		0.6	7.8	1.9	0.3	0.0	1218.3	0.0
EVERGLADES 2		62.5	817.8	228.5	26.5	4.8	127246.4	0.0
EVERGLADES 3		167.3	2187.9	971.7	70.8	12.9	340413.5	0.0
EVERGLADES 4		138.5	1810.6	814.8	58.6	10.7	281707.1	0.0
RIVIERA 3		411.9	5070.7	1116.7	100.7	18.3	481991.1	0.0
RIVIERA 4		480.7	5843.3	1570.3	117.5	21.4	562533.3	0.0
CAPE CAN 1		333.7	3737.6	2431.3	104.9	19.1	504384.2	0.0
CAPE CAN 2		39.5	443.6	264.1	12.4	2.3	59714.5	0.0
SANFORD 3		103.6	846.3	336.8	23.7	4.3	115434.8	0.0
PUTNAM 1		0.0	11.3	690.5	208.0	6.4	304944.1	0.0
PUTNAM 2		0.0	10.8	672.8	197.8	6.1	289878.9	0.0

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UNIT NAME	YEAR	TONS	TONS	TONS	TONS	TONS	TONS	TONS	
TURKEY POINT 1		221.6	2983.2	1184.8	93.8	17.0	451400.9	0.0	
TURKEY POINT 2		233.2	3147.6	1129.9	98.6	17.9	474913.6	0.0	
FT LAUD 4		0.0	11.9	515.4	39.0	0.8	459554.1	0.0	
FT LAUD 5		0.0	13.0	559.5	42.6	0.9	502525.1	0.0	
EVERGLADES 1		3.1	40.5	9.8	1.3	0.2	6327.4	0.0	
EVERGLADES 2		79.6	1040.7	290.8	33.7	6.1	161923.1	0.0	
EVERGLADES 3		174.3	2279.2	1012.2	73.7	13.4	354617.1	0.0	
EVERGLADES 4		173.0	2262.1	1018.0	73.2	13.3	351963.9	0.0	
RIVIERA 3		472.5	5816.4	1280.9	115.5	21.0	552876.1	0.0	
RIVIERA 4		493.8	6001.8	1612.9	120.7	21.9	577797.5	0.0	
CAPE CAN 1		361.6	4049.8	2634.5	113.6	20.7	546522.4	0.0	
CAPE CAN 2		52.3	586.7	349.3	16.4	3.0	78972.2	0.0	
SANFORD 3		120.6	985.1	392.0	27.6	5.0	134364.1	0.0	
PUTNAM 1		0.0	13.7	835.1	251.6	7.8	368778.3	0.0	
PUTNAM 2		0.0	12.1	756.8	222.5	6.9	326102.5	0.0	
MANATEE 1		45.0	596.0	143.8	355.1	3.5	92078.5	0.0	
MANATEE 2		220.8	2929.6	662.4	1740.8	17.0	451333.9	0.0	
CUTLER 5		0.0	0.0	0.5	0.0	0.0	70.8	0.0	
CUTLER 6		0.0	0.0	1.2	0.1	0.0	157.1	0.0	
MARTIN 1		1.4	17.7	5.9	12.2	0.1	3955.4	0.0	
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PLAN 1 YEAR 2018

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		83.3	1133.0	329.5	723.4	8.6	234716.2	0.0
PFM 2-4 GT'S		0.1	0.4	1.0	0.1	0.0	225.1	0.0
PFM 2-4 GT'S		0.0	0.3	0.7	0.0	0.0	159.4	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	106.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	36.5	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	26.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	16.9	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	10.9	0.0
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	78.3	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	57.3	0.0

SCHERER 4	846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
SJRPP 2 (PURCH)	387.3	9864.8	7788.6	1947.1	32.3	2631975.0	0.1
MARTIN 3	0.0	20.8	293.3	57.4	2.2	860457.2	0.0
MARTIN 4	0.0	28.7	395.2	79.2	3.0	1188593.0	0.0
2 ADV CT-FT MY	0.0	0.0	0.3	0.0	0.0	431.5	0.0
PFMREP 1 CT/CC	170.0	56.7	1699.9	188.9	28.3	2213657.0	0.0
PSNREP 4	170.2	56.7	1702.0	189.1	28.4	2216382.0	0.0
PSNREP 5	149.4	49.8	1494.0	166.0	24.9	1945571.0	0.0
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PLAN 1 YEAR 2019

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		230.9	3108.9	1234.7	97.7	17.8	470420.3	0.0
TURKEY POINT 2		251.7	3397.9	1219.8	106.5	19.4	512693.2	0.0
FT LAUD 4		0.0	13.1	565.8	42.8	0.9	504523.2	0.0
FT LAUD 5		0.0	14.3	616.2	46.9	1.0	553440.9	0.0
EVERGLADES 1		10.7	139.0	33.6	4.5	0.8	21692.1	0.0
EVERGLADES 2		84.3	1102.1	307.9	35.7	6.5	171475.6	0.0
EVERGLADES 3		196.8	2573.0	1142.7	83.2	15.1	400326.2	0.0
EVERGLADES 4		180.6	2361.5	1062.7	76.4	13.9	367416.0	0.0
RIVIERA 3		485.3	5975.1	1315.8	118.6	21.6	567959.0	0.0
RIVIERA 4		529.1	6431.7	1728.5	129.3	23.5	619184.7	0.0
CAPE CAN 1		374.4	4193.6	2728.0	117.7	21.4	565920.7	0.0
CAPE CAN 2		58.8	659.9	392.9	18.5	3.4	88823.6	0.0
SANFORD 3		126.9	1036.6	412.5	29.1	5.3	141394.7	0.0
PUTNAM 1		0.0	14.7	893.1	269.1	8.3	394414.9	0.0
PUTNAM 2		0.0	12.4	771.0	226.6	7.0	332183.9	0.0
MANATEE 1		53.4	706.2	170.4	420.8	4.1	109108.4	0.0
MANATEE 2		239.2	3173.5	717.5	1885.7	18.4	488895.6	0.0
CUTLER 5		0.0	0.0	0.7	0.1	0.0	94.0	0.0
CUTLER 6		0.0	0.0	1.5	0.1	0.0	198.7	0.0
MARTIN 1		5.8	72.8	24.5	50.3	0.6	16312.5	0.0
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PLAN 1 YEAR 2019

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	C02 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		94.7	1288.1	374.6	822.4	9.7	266840.4	0.0
PFM 2-4 GT'S		0.1	0.6	1.4	0.1	0.0	327.0	0.0
PFM 2-4 GT'S		0.0	0.4	0.9	0.1	0.0	211.9	0.0
PFM 2-4 GT'S		0.0	0.3	0.6	0.0	0.0	148.0	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	56.3	0.0

PFL 3-2 GT'S	0.0	0.0	0.2	0.0	0.0	35.4	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	24.6	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	16.6	0.0
PPE 3-2 GT'S	0.0	0.1	0.5	0.0	0.0	115.7	0.0
PPE 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	74.9	0.0
SCHERER 4	879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	19.1	269.6	52.7	2.0	791095.6	0.0
MARTIN 4	0.0	28.9	397.7	79.7	3.0	1196191.0	0.0
2 ADV CT-FT MY	0.1	0.0	0.6	0.1	0.0	758.3	0.0
PFMREP 1 CT/CC	175.6	58.5	1756.0	195.1	29.3	2286721.0	0.0
PSNREP 4	171.5	57.2	1715.1	190.6	28.6	2233399.0	0.0
PSNREP 5	151.1	50.4	1510.6	167.8	25.2	1967092.0	0.0

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PLAN 1 YEAR 2020

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		233.5	3142.9	1248.2	98.8	18.0	475559.1	0.0
TURKEY POINT 2		271.5	3665.6	1315.8	114.9	20.9	553073.9	0.0
FT LAUD 4		0.0	13.6	588.2	44.5	0.9	524467.2	0.0
FT LAUD 5		0.0	14.8	638.4	48.6	1.0	573399.3	0.0
EVERGLADES 1		14.6	190.0	45.9	6.2	1.1	29643.3	0.0
EVERGLADES 2		98.0	1281.2	358.0	41.4	7.5	199336.9	0.0
EVERGLADES 3		219.6	2871.1	1275.1	92.9	16.9	446704.4	0.0
EVERGLADES 4		197.3	2579.8	1160.9	83.5	15.2	401379.7	0.0
RIVIERA 3		469.5	5780.0	1272.9	114.8	20.9	549415.3	0.0
RIVIERA 4		551.5	6704.3	1801.7	134.8	24.5	645429.6	0.0
CAPE CAN 1		385.9	4322.1	2811.5	121.3	22.1	583257.0	0.0
CAPE CAN 2		84.9	953.8	567.9	26.7	4.9	128386.9	0.0
SANFORD 3		140.7	1149.1	457.3	32.2	5.9	156735.0	0.0
PUTNAM 1		0.0	15.4	937.8	282.6	8.7	414151.1	0.0
PUTNAM 2		0.0	15.1	939.5	276.2	8.5	404783.2	0.0
MANATEE 1		84.8	1121.8	270.7	668.5	6.5	173327.7	0.0
MANATEE 2		286.5	3801.4	859.4	2258.8	22.0	585637.0	0.0

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TURKEY POINT 1	268.8	3619.1	1437.3	113.7	20.7	547615.0	0.0
TURKEY POINT 2	247.3	3338.9	1198.6	104.6	19.0	503783.5	0.0
FT LAUD 4	0.0	13.9	603.4	45.6	1.0	538051.9	0.0
FT LAUD 5	0.0	15.2	652.6	49.7	1.0	586119.7	0.0
EVERGLADES 1	21.8	284.8	68.9	9.2	1.7	44437.6	0.0
EVERGLADES 2	107.3	1403.3	392.1	45.4	8.3	218337.1	0.0
EVERGLADES 3	234.2	3062.1	1359.9	99.1	18.0	476429.1	0.0
EVERGLADES 4	188.2	2460.5	1107.2	79.6	14.5	382828.9	0.0
RIVIERA 3	492.2	6060.1	1334.5	120.3	21.9	576038.4	0.0
RIVIERA 4	567.2	6894.6	1852.9	138.6	25.2	663749.2	0.0
CAPE CAN 1	444.8	4982.2	3241.0	139.8	25.4	672341.3	0.0
CAPE CAN 2	112.9	1268.2	755.1	35.5	6.5	170703.2	0.0
SANFORD 3	136.8	1117.0	444.5	31.3	5.7	152359.4	0.0
PUTNAM 1	0.0	15.6	947.6	285.5	8.8	418486.0	0.0
PUTNAM 2	0.0	13.8	859.4	252.6	7.8	370283.5	0.0
MANATEE 1	123.0	1627.3	392.6	969.8	9.5	251431.7	0.0
MANATEE 2	332.3	4409.3	996.9	2620.0	25.6	679284.2	0.0
CUTLER 5	0.0	0.0	1.5	0.1	0.0	204.7	0.0
CUTLER 6	0.0	0.0	3.4	0.3	0.0	438.1	0.0
MARTIN 1	36.9	463.5	156.0	320.3	3.8	103831.6	0.0

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PLAN 1 YEAR 2021

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		141.8	1929.0	561.0	1231.6	14.6	399604.1	0.0
PFM 2-4 GT'S		0.2	1.3	3.1	0.2	0.0	730.4	0.0
PFM 2-4 GT'S		0.1	0.9	2.1	0.1	0.0	499.8	0.0
PFM 2-4 GT'S		0.1	0.6	1.5	0.1	0.0	341.2	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	139.1	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	95.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	61.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	45.1	0.0
PPE 3-2 GT'S		0.1	0.2	1.2	0.1	0.0	283.4	0.0
PPE 3-2 GT'S		0.0	0.1	0.8	0.1	0.0	185.6	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3

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SJRPP 1 (OWN)	287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	21.9	308.4	60.3	2.3	904959.5	0.0
MARTIN 4	0.0	28.5	392.6	78.7	3.0	1180817.0	0.0
2 ADV CT-FT MY	1.1	0.4	11.3	1.3	0.2	14661.9	0.0
PFMREP 1 CT/CC	183.0	61.0	1829.8	203.3	30.5	2382803.0	0.0
PSNREP 4	176.5	58.8	1764.5	196.1	29.4	2297817.0	0.0
PSNREP 5	155.5	51.8	1554.7	172.7	25.9	2024578.0	0.0

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PLAN 1 YEAR 2022

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		299.8	4036.2	1602.9	126.9	23.1	610732.9	0.0
TURKEY POINT 2		361.1	4874.9	1750.0	152.8	27.8	735542.6	0.0
FT LAUD 4		0.0	14.5	626.2	47.4	1.0	558432.9	0.0
FT LAUD 5		0.0	15.6	672.2	51.2	1.1	603756.2	0.0
EVERGLADES 1		33.0	429.8	104.0	13.9	2.5	67065.4	0.0
EVERGLADES 2		124.4	1626.3	454.4	52.6	9.6	253032.1	0.0
EVERGLADES 3		223.3	2920.6	1297.1	94.5	17.2	454405.8	0.0
EVERGLADES 4		252.9	3307.5	1488.4	107.0	19.5	514614.1	0.0
RIVIERA 3		482.7	5942.8	1308.7	118.0	21.5	564889.8	0.0
RIVIERA 4		581.4	7067.0	1899.2	142.1	25.8	680346.9	0.0
CAPE CAN 1		527.1	5904.0	3840.6	165.7	30.1	796739.5	0.0
CAPE CAN 2		199.5	2240.6	1334.1	62.7	11.4	301591.5	0.0
SANFORD 3		168.9	1379.7	549.1	38.7	7.0	188196.0	0.0
PUTNAM 1		0.0	17.1	1040.8	313.6	9.7	459633.5	0.0
PUTNAM 2		0.0	17.4	1084.6	318.8	9.9	467333.0	0.0
MANATEE 1		283.8	3755.0	906.0	2237.7	21.8	580164.1	0.0
MANATEE 2		308.5	4093.9	925.6	2432.6	23.7	630704.9	0.0
CUTLER 5		0.0	0.0	3.3	0.3	0.0	458.9	0.0
CUTLER 6		0.0	0.0	7.5	0.7	0.0	969.6	0.0
MARTIN 1		55.5	697.5	234.7	482.0	5.7	156230.4	0.0

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PLAN 1 YEAR 2022

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		110.1	1498.3	435.7	956.6	11.3	310390.7	0.0
PFM 2-4 GT'S		0.4	3.0	7.0	0.5	0.0	1650.4	0.0
PFM 2-4 GT'S		0.3	2.1	4.9	0.3	0.0	1156.0	0.0
PFM 2-4 GT'S		0.2	1.5	3.5	0.2	0.0	813.7	0.0
PFL 3-2 GT'S		0.1	0.5	1.5	0.1	0.0	349.6	0.0

CUTLER 5	0.0	0.0	2.4	0.2	0.0	344.9	0.0
CUTLER 6	0.0	0.0	5.7	0.5	0.0	736.5	0.0
MARTIN 1	48.0	603.1	202.9	416.8	4.9	135082.7	0.0
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PLAN 1 YEAR 2023

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		76.1	1035.8	301.2	661.3	7.8	214584.7	0.0
PFM 2-4 GT'S		0.3	2.1	4.9	0.3	0.0	1152.8	0.0
PFM 2-4 GT'S		0.2	1.5	3.5	0.2	0.0	816.8	0.0
PFM 2-4 GT'S		0.1	1.1	2.5	0.2	0.0	593.7	0.0
PFL 3-2 GT'S		0.1	0.3	1.0	0.1	0.0	237.0	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	158.3	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	116.6	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	74.1	0.0
PPE 3-2 GT'S		0.1	0.3	1.9	0.1	0.0	445.1	0.0
PPE 3-2 GT'S		0.1	0.3	1.4	0.1	0.0	335.9	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
MARTIN 3		0.0	23.5	332.1	65.0	2.4	974310.2	0.0
MARTIN 4		0.0	30.9	424.6	85.1	3.2	1277002.0	0.0
2 ADV CT-FT MY		1.8	0.6	18.1	2.0	0.3	23566.1	0.0
PFMREP 1 CT/CC		195.2	65.1	1952.5	216.9	32.5	2542555.0	0.0
PSNREP 4		184.2	61.4	1842.1	204.7	30.7	2398869.0	0.0
PSNREP 5		163.2	54.4	1631.9	181.3	27.2	2125146.0	0.0
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PLAN 1 YEAR 2024

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		288.6	3885.7	1543.2	122.1	22.2	587958.5	0.0

01462

TURKEY POINT 2	337.2	4552.3	1634.2	142.7	25.9	686869.4	0.0
FT LAUD 4	0.0	15.2	657.8	49.8	1.0	586589.3	0.0
FT LAUD 5	0.0	16.5	709.9	54.1	1.1	637606.6	0.0
EVERGLADES 1	43.7	570.2	137.9	18.5	3.4	88977.9	0.0
EVERGLADES 2	117.4	1535.6	429.1	49.7	9.0	238927.1	0.0
EVERGLADES 3	244.1	3191.9	1417.6	103.3	18.8	496618.4	0.0
EVERGLADES 4	222.0	2903.7	1306.7	93.9	17.1	451783.9	0.0
RIVIERA 3	581.6	7160.2	1576.8	142.2	25.8	680606.1	0.0
RIVIERA 4	632.1	7683.5	2064.8	154.5	28.1	739691.6	0.0
CAPE CAN 1	511.5	5729.4	3727.0	160.8	29.2	773170.7	0.0
CAPE CAN 2	199.7	2242.2	1335.0	62.8	11.4	301811.2	0.0
SANFORD 3	213.6	1744.5	694.2	49.0	8.9	237948.9	0.0
PUTNAM 1	0.0	16.9	1030.3	310.4	9.6	455007.9	0.0
PUTNAM 2	0.0	16.9	1052.6	309.4	9.6	453539.2	0.0
MANATEE 1	219.8	2907.9	701.6	1732.9	16.9	449295.1	0.0
MANATEE 2	353.7	4692.9	1061.0	2788.6	27.2	722983.4	0.0
CUTLER 5	0.0	0.0	2.0	0.2	0.0	286.8	0.0
CUTLER 6	0.0	0.0	4.9	0.4	0.0	631.7	0.0
MARTIN 1	39.3	493.8	166.2	341.3	4.0	110619.0	0.0
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UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		75.1	1022.2	297.3	652.6	7.7	211756.3	0.0
PFM 2-4 GT'S		0.2	1.7	4.0	0.3	0.0	952.0	0.0
PFM 2-4 GT'S		0.2	1.3	3.0	0.2	0.0	707.4	0.0
PFM 2-4 GT'S		0.1	0.9	2.0	0.1	0.0	481.9	0.0
PFL 3-2 GT'S		0.0	0.3	0.8	0.1	0.0	187.2	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	136.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	93.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	60.3	0.0
PPE 3-2 GT'S		0.1	0.3	1.6	0.1	0.0	378.5	0.0
PPE 3-2 GT'S		0.1	0.2	1.2	0.1	0.0	282.4	0.0
SCHERER 4		829.1	30047.4	16381.7	4088.3	85.8	6138124.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1

01463

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS	
MARTIN 2		94.0	1279.2	372.0	816.7	9.7	265003.0	0.0	
PFM 2-4 GT'S		0.4	2.8	6.5	0.5	0.0	1537.3	0.0	
PFM 2-4 GT'S		0.2	1.9	4.5	0.3	0.0	1057.6	0.0	
PFM 2-4 GT'S		0.2	1.4	3.2	0.2	0.0	760.7	0.0	
PFL 3-2 GT'S		0.1	0.4	1.4	0.1	0.0	323.5	0.0	
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	218.7	0.0	
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	149.6	0.0	
PFL 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	108.6	0.0	
PPE 3-2 GT'S		0.1	0.5	2.7	0.2	0.0	628.1	0.0	
PPE 3-2 GT'S		0.1	0.3	1.8	0.1	0.0	421.1	0.0	
SCHERER 4		778.3	28207.7	15378.7	3838.0	80.5	5762323.0	0.3	
SJRPP 1 (OWN)		257.5	6559.3	5178.8	1294.7	21.5	1750058.0	0.0	
MARTIN 3		0.0	23.7	334.4	65.4	2.5	981228.9	0.0	
MARTIN 4		0.0	31.8	436.9	87.6	3.3	1313959.0	0.0	
2 ADV CT-FT MY		2.1	0.7	21.2	2.4	0.4	27589.5	0.0	
PFMREP 1 CT/CC		206.8	68.9	2068.2	229.8	34.5	2693262.0	0.0	
PSNREP 4		190.8	63.6	1908.5	212.1	31.8	2485255.0	0.0	
PSNREP 5		169.8	56.6	1697.8	188.6	28.3	2210926.0	0.0	
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UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		338.0	4549.7	1806.9	143.0	26.0	688431.4	0.0
TURKEY POINT 2		377.7	5099.1	1830.4	159.8	29.1	769370.1	0.0
FT LAUD 4		0.0	15.7	682.0	51.6	1.1	608108.1	0.0
FT LAUD 5		0.0	17.0	729.8	55.6	1.2	655515.6	0.0
EVERGLADES 1		63.2	824.7	199.5	26.8	4.9	128687.1	0.0
EVERGLADES 2		134.6	1760.4	491.9	57.0	10.4	273903.7	0.0
EVERGLADES 3		275.8	3606.1	1601.5	116.7	21.2	561068.1	0.0
EVERGLADES 4		263.2	3441.9	1548.8	111.4	20.2	535512.6	0.0
RIVIERA 3		644.9	7939.2	1748.3	157.6	28.7	754652.5	0.0

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RIVIERA 4	699.6	8504.5	2285.5	171.0	31.1	818729.0	0.0
CAPE CAN 1	575.4	6444.0	4191.9	180.8	32.9	869611.9	0.0
CAPE CAN 2	218.4	2452.6	1460.3	68.6	12.5	330131.7	0.0
SANFORD 3	324.6	2651.0	1055.0	74.4	13.5	361610.4	0.0
PUTNAM 1	0.0	19.2	1165.6	351.2	10.9	514759.1	0.0
PUTNAM 2	0.0	17.2	1073.8	315.7	9.8	462680.6	0.0
MANATEE 1	277.0	3665.2	884.3	2184.2	21.3	566296.5	0.0
MANATEE 2	435.2	5774.5	1305.5	3431.2	33.5	889609.8	0.0
CUTLER 5	0.0	0.0	4.0	0.4	0.0	560.5	0.0
CUTLER 6	0.0	0.0	9.6	0.9	0.0	1241.4	0.0
MARTIN 1	56.8	714.1	240.3	493.5	5.8	159964.4	0.0

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UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		102.7	1396.5	406.1	891.6	10.6	289289.7	0.0
PFM 2-4 GT'S		0.5	3.6	8.3	0.6	0.0	1953.7	0.0
PFM 2-4 GT'S		0.3	2.7	6.3	0.4	0.0	1471.7	0.0
PFM 2-4 GT'S		0.2	1.8	4.3	0.3	0.0	1004.0	0.0
PFL 3-2 GT'S		0.1	0.6	1.8	0.1	0.0	420.4	0.0
PFL 3-2 GT'S		0.1	0.4	1.3	0.1	0.0	316.0	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	210.5	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	147.2	0.0
PPE 3-2 GT'S		0.2	0.6	3.6	0.2	0.0	842.2	0.0
PPE 3-2 GT'S		0.1	0.5	2.6	0.2	0.0	614.6	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
MARTIN 3		0.0	24.3	342.6	67.0	2.5	1005183.7	0.0
MARTIN 4		0.0	32.2	443.2	88.9	3.3	1333012.0	0.0
2 ADV CT-FT MY		2.5	0.8	25.2	2.8	0.4	32805.6	0.0
PFMREP 1 CT/CC		213.0	71.0	2129.9	236.7	35.5	2773663.0	0.0
PSNREP 4		194.5	64.8	1945.0	216.1	32.4	2532875.0	0.0
PSNREP 5		173.5	57.8	1735.1	192.8	28.9	2259506.0	0.0
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PLAN 1 YEAR 2027

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		329.5	4435.7	1761.6	139.4	25.3	671178.5	0.0
TURKEY POINT 2		379.1	5117.5	1837.1	160.4	29.2	772146.4	0.0
FT LAUD 4		0.0	16.8	727.5	55.0	1.2	648716.4	0.0
FT LAUD 5		0.0	18.2	782.2	59.6	1.3	702508.9	0.0
EVERGLADES 1		60.1	783.6	189.6	25.4	4.6	122283.9	0.0
EVERGLADES 2		126.7	1657.4	463.1	53.6	9.7	257866.8	0.0
EVERGLADES 3		277.9	3633.5	1613.7	117.6	21.4	565336.4	0.0

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EVERGLADES 4	245.9	3216.2	1447.3	104.1	18.9	500395.6	0.0
RIVIERA 3	621.7	7654.1	1685.6	152.0	27.6	727555.7	0.0
RIVIERA 4	700.7	8518.0	2289.1	171.3	31.1	820029.5	0.0
CAPE CAN 1	600.3	6723.4	4373.6	188.7	34.3	907316.9	0.0
CAPE CAN 2	246.3	2765.2	1646.4	77.4	14.1	372209.6	0.0
SANFORD 3	342.5	2796.8	1113.0	78.5	14.3	381494.8	0.0
PUTNAM 1	0.0	18.9	1148.0	345.9	10.7	506972.1	0.0
PUTNAM 2	0.0	16.1	1005.0	295.4	9.1	433016.1	0.0
MANATEE 1	302.9	4008.1	967.1	2388.5	23.3	619274.8	0.0
MANATEE 2	423.1	5614.6	1269.4	3336.2	32.5	864970.7	0.0
CUTLER 5	0.0	0.0	4.5	0.4	0.0	631.6	0.0
CUTLER 6	0.0	0.0	24.2	2.2	0.1	3134.5	0.0
MARTIN 1	66.3	832.5	280.1	575.3	6.8	186469.1	0.0

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UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		101.7	1382.9	402.2	882.9	10.5	286484.4	0.0
PFM 2-4 GT'S		0.5	3.9	9.1	0.6	0.0	2135.9	0.0
PFM 2-4 GT'S		0.4	2.9	6.9	0.5	0.0	1612.3	0.0
PFM 2-4 GT'S		0.3	2.1	4.8	0.3	0.0	1134.4	0.0
PFL 3-2 GT'S		0.1	0.6	2.0	0.1	0.0	470.3	0.0
PFL 3-2 GT'S		0.1	0.5	1.5	0.1	0.0	347.2	0.0
PFL 3-2 GT'S		0.1	0.3	1.0	0.1	0.0	243.4	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	159.8	0.0
PPE 3-2 GT'S		0.2	0.7	3.9	0.3	0.0	910.3	0.0
PPE 3-2 GT'S		0.2	0.5	2.9	0.2	0.0	689.9	0.0
SCHERER 4		846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
MARTIN 3		0.0	25.0	352.4	68.9	2.6	1033839.5	0.0
MARTIN 4		0.0	31.7	436.7	87.6	3.3	1313521.0	0.0
2 ADV CT-FT MY		2.7	0.9	26.6	3.0	0.4	34684.2	0.0
PFMREP 1 CT/CC		215.0	71.7	2150.1	238.9	35.8	2799891.0	0.0
PSNREP 4		195.9	65.3	1958.5	217.6	32.6	2550431.0	0.0
PSNREP 5		174.9	58.3	1749.3	194.4	29.2	2278019.0	0.0

01468

PLAN 1 YEAR 2028

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		346.8	4668.4	1854.0	146.7	26.7	706401.9	0.0
TURKEY POINT 2		366.3	4945.7	1775.4	155.0	28.2	746217.6	0.0
FT LAUD 4		0.0	15.8	685.8	51.9	1.1	611583.2	0.0
FT LAUD 5		0.0	17.1	733.9	55.9	1.2	659129.7	0.0
EVERGLADES 1		65.8	857.5	207.4	27.8	5.1	133804.6	0.0
EVERGLADES 2		137.5	1798.4	502.5	58.2	10.6	279811.7	0.0
EVERGLADES 3		258.3	3378.0	1500.2	109.3	19.9	525569.2	0.0
EVERGLADES 4		268.5	3510.6	1579.8	113.6	20.7	546210.8	0.0
RIVIERA 3		650.2	8004.4	1762.7	158.9	28.9	760850.1	0.0
RIVIERA 4		677.5	8234.9	2213.0	165.6	30.1	792780.5	0.0
CAPE CAN 1		603.6	6760.6	4397.8	189.7	34.5	912335.9	0.0
CAPE CAN 2		244.7	2747.9	1636.1	76.9	14.0	369881.6	0.0
SANFORD 3		344.5	2813.1	1119.5	78.9	14.4	383712.6	0.0
PUTNAM 1		0.0	18.6	1130.8	340.7	10.5	499377.1	0.0
PUTNAM 2		0.0	16.8	1049.7	308.6	9.5	452301.3	0.0
MANATEE 1		286.1	3785.7	913.4	2256.0	22.0	584914.7	0.0
MANATEE 2		430.5	5711.8	1291.4	3394.0	33.1	879944.7	0.0
CUTLER 5		0.0	0.0	4.1	0.4	0.0	577.1	0.0
CUTLER 6		0.0	0.0	9.8	0.9	0.0	1270.7	0.0
MARTIN 1		63.8	801.9	269.9	554.2	6.6	179628.1	0.0

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UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		109.0	1482.5	431.1	946.5	11.2	307108.1	0.0
PFM 2-4 GT'S		0.5	3.6	8.5	0.6	0.0	1988.8	0.0

PFM 2-4 GT'S	0.3	2.7	6.4	0.4	0.0	1503.0	0.0
PFM 2-4 GT'S	0.2	1.9	4.4	0.3	0.0	1031.3	0.0
PFL 3-2 GT'S	0.1	0.6	1.8	0.1	0.0	429.9	0.0
PFL 3-2 GT'S	0.1	0.4	1.4	0.1	0.0	322.7	0.0
PFL 3-2 GT'S	0.0	0.3	0.9	0.1	0.0	217.6	0.0
PFL 3-2 GT'S	0.0	0.2	0.6	0.0	0.0	149.6	0.0
PPE 3-2 GT'S	0.2	0.7	3.6	0.2	0.0	856.6	0.0
PPE 3-2 GT'S	0.1	0.5	2.7	0.2	0.0	631.7	0.0
SCHERER 4	846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)	311.4	7932.2	6262.7	1565.7	26.0	2116350.0	0.1
MARTIN 3	0.0	24.9	351.0	68.7	2.6	1029907.1	0.0
MARTIN 4	0.0	32.3	444.6	89.1	3.3	1337179.0	0.0
2 ADV CT-FT MY	2.6	0.9	25.5	2.8	0.4	33242.8	0.0
PFMREP 1 CT/CC	214.0	71.3	2140.1	237.8	35.7	2786885.0	0.0
PSNREP 4	195.3	65.1	1952.8	217.0	32.5	2542976.0	0.0
PSNREP 5	174.3	58.1	1743.2	193.7	29.1	2270087.0	0.0

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UNIT EMISSIONS ANNUAL REPORT

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PLAN 1 YEAR 2029

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		342.1	4605.3	1829.0	144.7	26.3	696845.2	0.0
TURKEY POINT 2		398.3	5376.6	1930.0	168.5	30.6	811232.4	0.0
FT LAUD 4		0.0	16.8	729.2	55.2	1.2	650210.9	0.0
FT LAUD 5		0.0	18.2	783.9	59.7	1.3	704062.2	0.0
EVERGLADES 1		67.2	876.2	211.9	28.4	5.2	136733.6	0.0
EVERGLADES 2		135.5	1771.5	495.0	57.3	10.4	275622.2	0.0
EVERGLADES 3		277.2	3625.2	1610.0	117.3	21.3	564044.4	0.0
EVERGLADES 4		264.7	3461.9	1557.8	112.0	20.4	538623.9	0.0
RIVIERA 3		647.5	7970.9	1755.3	158.3	28.8	757665.8	0.0
RIVIERA 4		702.4	8538.3	2294.6	171.7	31.2	821991.9	0.0
CAPE CAN 1		631.8	7075.9	4603.0	198.6	36.1	954888.2	0.0
CAPE CAN 2		228.3	2563.1	1526.1	71.7	13.0	345009.8	0.0
SANFORD 3		342.2	2794.4	1112.1	78.4	14.3	381166.1	0.0
PUTNAM 1		0.0	17.7	1074.5	323.7	10.0	474527.4	0.0
PUTNAM 2		0.0	14.2	887.5	260.9	8.1	382379.7	0.0

MANATEE 1	264.3	3497.1	843.8	2084.0	20.3	540324.7	0.0	
MANATEE 2	415.9	5518.2	1247.6	3278.9	32.0	850115.8	0.0	
CUTLER 5	0.0	0.0	4.4	0.4	0.0	625.5	0.0	
CUTLER 6	0.0	0.0	22.0	2.0	0.1	2855.8	0.0	
MARTIN 1	66.0	829.1	279.0	573.0	6.8	185720.2	0.0	
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 EGEAS REPORT VERSION 7.32 UNIT EMISSIONS ANNUAL REPORT PAGE 339

PLAN 1 YEAR 2029

UNIT NAME	ALTERNATIVE INSTALL YEAR	PMT1 EMISSIONS TONS	SO2 EMISSIONS TONS	NOX EMISSIONS TONS	CO EMISSIONS TONS	VOC EMISSIONS TONS	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		112.7	1532.7	445.7	978.6	11.6	317513.0	0.0
PFM 2-4 GT'S		0.5	3.9	9.0	0.6	0.0	2117.8	0.0
PFM 2-4 GT'S		0.4	2.9	6.8	0.5	0.0	1600.0	0.0
PFM 2-4 GT'S		0.3	2.0	4.8	0.3	0.0	1121.8	0.0
PFL 3-2 GT'S		0.1	0.6	2.0	0.1	0.0	465.1	0.0
PFL 3-2 GT'S		0.1	0.5	1.5	0.1	0.0	344.3	0.0
PFL 3-2 GT'S		0.1	0.3	1.0	0.1	0.0	240.4	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	158.4	0.0
PPE 3-2 GT'S		0.2	0.7	3.8	0.3	0.0	904.2	0.0
PPE 3-2 GT'S		0.2	0.5	2.9	0.2	0.0	683.2	0.0
SCHERER 4		879.9	31887.0	17384.6	4338.6	91.0	6513931.0	0.3
SJRPP 1 (OWN)		287.5	7322.0	5781.0	1445.2	24.0	1953553.0	0.0
MARTIN 3		0.0	22.5	317.3	62.1	2.3	931076.6	0.0
MARTIN 4		0.0	32.3	444.4	89.1	3.3	1336550.0	0.0
2 ADV CT-FT MY		2.7	0.9	26.5	2.9	0.4	34528.7	0.0
PFMREP 1 CT/CC		215.4	71.8	2154.1	239.3	35.9	2805160.0	0.0
PSNREP 4		195.2	65.1	1951.6	216.8	32.5	2541460.0	0.0
PSNREP 5		174.2	58.1	1742.0	193.6	29.0	2268481.0	0.0

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PLAN 1 YEAR 2030

UNIT NAME	ALTERNATIVE INSTALL	PMT1 EMISSIONS	SO2 EMISSIONS	NOX EMISSIONS	CO EMISSIONS	VOC EMISSIONS	CO2 EMISSIONS	HG EMISSIONS
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UNIT NAME	YEAR	TONS	TONS	TONS	TONS	TONS	TONS	TONS
TURKEY POINT 1		328.9	4426.9	1758.1	139.1	25.3	669848.2	0.0
TURKEY POINT 2		404.6	5461.5	1960.5	171.2	31.1	824048.2	0.0
FT LAUD 4		0.0	16.9	731.8	55.4	1.2	652553.3	0.0
FT LAUD 5		0.0	18.3	786.6	59.9	1.3	706529.3	0.0
EVERGLADES 1		66.3	864.3	209.1	28.0	5.1	134867.4	0.0
EVERGLADES 2		139.3	1821.4	508.9	58.9	10.7	283389.1	0.0
EVERGLADES 3		282.9	3699.1	1642.8	119.7	21.8	575537.9	0.0
EVERGLADES 4		260.7	3409.1	1534.1	110.3	20.1	530418.2	0.0
RIVIERA 3		601.2	7401.2	1629.9	147.0	26.7	703518.4	0.0
RIVIERA 4		705.0	8570.2	2303.2	172.3	31.3	825060.5	0.0

PLAN 1 UNIT - MR EXPAN 4x1 INSTALLED ON 1/ 1/ 5 CAPACITY - 984.000 MW NUMBER OF UNITS - 1.00
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES-----			NET BOOK VALUE		CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
				DIR. COST	AFUDC	TOTAL	IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE			
2004											
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NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
 1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

 EGEAS REPORT VERSION 7.32 UNIT CAPITAL OUTLAYS AND INVESTMENT RETURN HISTORY PAGE 343

PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/ 7 CAPACITY - 1107.000 MW NUMBER OF UNITS - 1.00
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES----- DIR. COST	AFUDC	TOTAL	NET BOOK VALUE IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
2006											
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2031											
2032											

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
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 EGEAS REPORT VERSION 7.32 UNIT CAPITAL OUTLAYS AND INVESTMENT RETURN HISTORY PAGE 344

PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/ 9 CAPACITY - 1107.000 MW NUMBER OF UNITS - 1.00
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES----- DIR. COST	AFUDC	TOTAL	NET BOOK VALUE IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
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2034

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
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UNIT CAPITAL OUTLAYS AND INVESTMENT RETURN HISTORY

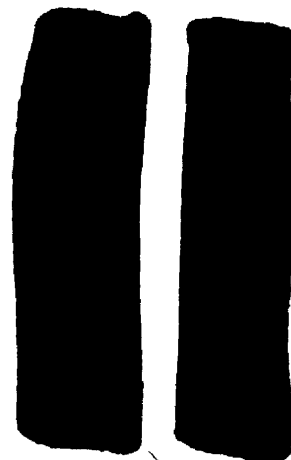
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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/10 CAPACITY - 1107.000 MW NUMBER OF UNITS - 2.00

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

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES-----			NET BOOK VALUE		CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
				DIR. COST	AFUDC	TOTAL	IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE			
2009	[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]
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2012											
2013											

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NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
 1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE

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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/15 CAPACITY - 1107.000 MW NUMBER OF UNITS - 1.00
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES----- DIR. COST	AFUDC	NET BOOK VALUE IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
2014										
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2037										
2038										
2039										
2040										

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
 1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE

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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/17 CAPACITY - 1107.000 MW NUMBER OF UNITS - 1.00
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES----- DIR. COST	AFUDC	----- TOTAL	NET BOOK VALUE IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
2016	[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]
2017											
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NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
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PLAN 1 UNIT - CT INSTALLED ON 1/ 1/19 CAPACITY - 159.000 MW NUMBER OF UNITS - 1.00
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP DIR. COST	BALANCES-AFUDC	-----TOTAL	NET BOOK VALUE IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
2018											
2019											
2020											
2021											
2022											
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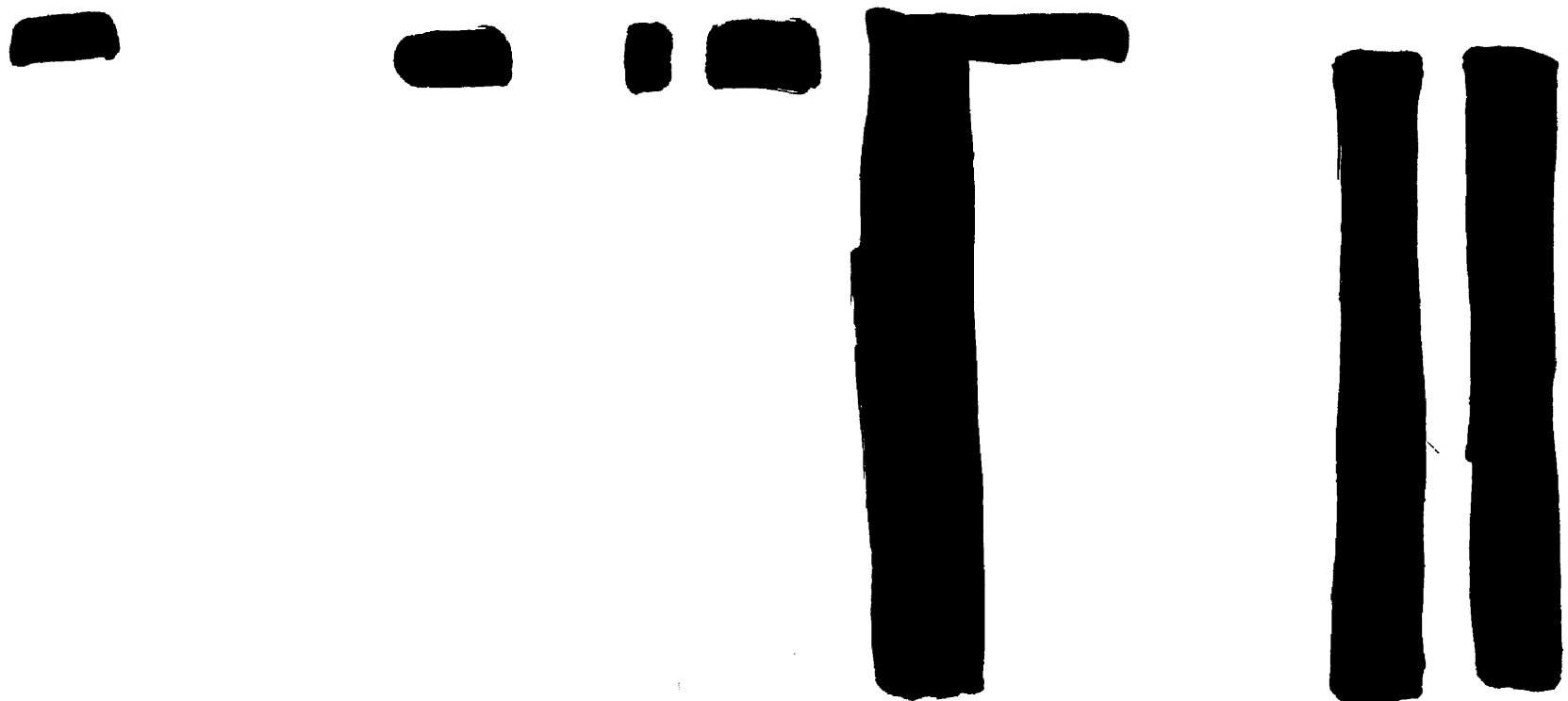
NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
 1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/11/ 2 20:36:37

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PLAN 1 UNIT - CT INSTALLED ON 1/ 1/20 CAPACITY - 159.000 MW NUMBER OF UNITS - 3.00
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

YEAR	CURRENT DIRECT EXPENSES	AFUDC RATE	AFUDC ACCRUAL	-----CWIP DIR. COST	BALANCES-AFUDC	-----TOTAL	NET BOOK VALUE IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
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2019
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NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.
ELECTRIC POWER RESEARCH INSTITUTE

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SYSTEM CONSTRUCTION COST REPORT

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PLAN 1

YEAR	CURRENT YEAR DIRECT EXPENDITURES	CURRENT YEAR AFUDC ACCRUAL		-----CWIP BALANCE-----		COMPLETED PLANT ADDED TO RATEBASE AT BEGINNING OF YEAR
		RATE	AMOUNT	NOT IN RATEBASE	IN RATEBASE	
2001						
2002						
2003						
2004						
2005						
2006						
2007						

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

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SYSTEM TOTAL COST SUMMARY

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PLAN 1

YEAR	--RATEBASE VALUE (MID-YEAR)--			FIXED CHARGES	OPERATING COSTS	TOTAL SYSTEM COST	OTHER ELECTRIC REVENUES	SALES GWH	-----SYSTEM AVERAGE RATE-----	
	NON-EGEAS	EGEAS	TOTAL						\$/MWH	PERCENT INCREASE 1 YEAR
2001	0.	0.	0.	0.	8438321.	8438321.	0.	89124.	94.681	
2002	0.	0.	0.	0.	8297988.	8297988.	0.	92221.	89.979	-4.966
2003	0.	0.	0.	0.	8593084.	8593084.	0.	97015.	88.575	-1.561
2004	0.	0.	0.	0.	8759976.	8759976.	0.	100297.	87.341	-1.393
2005	0.	423988.	423988.	86649.	9039786.	9126437.	0.	103650.	88.050	0.813
2006	0.	404214.	404214.	83414.	9355014.	9438429.	0.	107095.	88.132	0.092
2007	0.	998235.	998235.	205719.	9610117.	9815835.	0.	109333.	89.779	1.870
2008	0.	948143.	948143.	197525.	9886527.	10084053.	0.	111442.	90.487	0.788
2009	0.	1532699.	1532699.	319144.	10136150.	10455294.	0.	113534.	92.090	1.771

2010	0.	2748489.	2748489.	570897.	10565403.	11136299.	0.	115766.	96.197	4.459
2011	0.	2605654.	2605654.	547534.	10866119.	11413656.	0.	117691.	96.980	0.814
2012	0.	3128771.	3128771.	660450.	11190272.	11850723.	0.	119046.	99.548	2.648
2013	0.	2955443.	2955443.	632099.	11473322.	12105421.	0.	120416.	100.530	0.987
2014	0.	2782824.	2782824.	603863.	11793547.	12397412.	0.	121889.	101.711	1.174
2015	0.	3320591.	3320591.	720595.	12207501.	12928094.	0.	123341.	104.816	3.053
2016	0.	3124683.	3124683.	688551.	12551774.	13240324.	0.	124881.	106.023	1.152
2017	0.	3657770.	3657770.	805504.	12933456.	13738959.	0.	126528.	108.584	2.416
2018	0.	3431152.	3431152.	768436.	13298840.	14067274.	0.	128057.	109.851	1.167
2019	0.	3310306.	3310306.	753053.	13655036.	14408086.	0.	129478.	111.278	1.299
2020	0.	3408142.	3408142.	782431.	14048428.	14830858.	0.	130765.	113.416	1.921
2021	0.	3164813.	3164813.	742630.	14423691.	15166321.	0.	132064.	114.840	1.256
2022	0.	2922161.	2922161.	702939.	14874436.	15577375.	0.	132064.	117.953	2.710
2023	0.	2682158.	2682158.	663682.	15218033.	15881712.	0.	132064.	120.257	1.954
2024	0.	2444157.	2444157.	624752.	15573848.	16198599.	0.	132064.	122.657	1.995
2025	0.	2209380.	2209380.	586350.	15994675.	16581022.	0.	132064.	125.553	2.361
2026	0.	1979102.	1979102.	548683.	16397443.	16946123.	0.	132064.	128.317	2.202
2027	0.	1753975.	1753975.	511859.	16791146.	17303003.	0.	132064.	131.020	2.106
2028	0.	1534546.	1534546.	475967.	17182188.	17658151.	0.	132064.	133.709	2.053
2029	0.	1320646.	1320646.	440979.	17580507.	18021487.	0.	132064.	136.460	2.058
2030	0.	1123340.	1123340.	391409.	17962787.	18354192.	0.	132064.	138.979	1.846

TOTAL -----
14115086. 378698858. 392813806.

PERCENT INCREASE IN
SYSTEM AVERAGE RATE

PRESENT VALUE REVENUE REQUIREMENTS 3763912. 125313614. 129077608.
(THOUSANDS OF 2001 DOLLARS)

MINIMUM -4.966
MAXIMUM 4.459

LEVELIZED SYSTEM AVERAGE RATE = 98.254 \$/MWH

COMPOUND AVERAGE 1.332

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

- ** INDICATES CONSTRAINT WAS NOT SATISFIED.

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