

020262-EI

020263-EI

# Appendix C-2 Output

00198

DOCUMENT NUMBER-DATE

03356 MAR 22 84

REGISTRATION COMMISSION CLERK

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EEEEEEEE	GGGGG	EEEEEEEE	AAAAA	SSSSSS
EEEEEEEE	GGGGGGG	EEEEEEEE	AAAAAAA	SSSSSSSS
EE	GG GG	EE	AA AA	SS
EEEEEEEE	GG	EEEEEEEE	AAAAAAA	SSSSSSS
EEEEEEEE	GG GGG	EEEEEEEE	AAAAAAA	SSSSSSS
EE	GG GG	EE	AA AA	SS
EEEEEEEE	GGGGGGG	EEEEEEEE	AA AA	SSSSSSSS
EEEEEEEE	GGGGG	EEEEEEEE	AA AA	SSSSSS

ELECTRIC	GENERATION	EXPANSION	ANALYSIS	SYSTEM
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REPORT PROGRAM

\*\*  
 \*\* 2001 IRP EGEAS REPORT  
 \*\*  
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RPI 1529

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

1ELECTRIC POWER RESEARCH INSTITUTE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 CONTROL REPORT PAGE 1  
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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

00200

INPUT FILES	NAME	VERSION	UPDATE	RUN	CREATION DATE	CREATION TIME	DESCRIPTION	EGEAS VERS.
EGEAS DATA BASE	FPL	0	0		2/20/ 2	14:16:58	IRP-2001 BASE CASE	732
EXPANSION PLAN	FPL	0	0	1	2/20/ 2	14:17: 1	IRP-2001 RFP BASE CASE	732
UNIT REPORT	FPL	0	0	1	2/20/ 2	14:17: 1	IRP-2001 RFP BASE CASE	732
UNIT CAPITAL COST REPORT	FPL	0	0	1	2/20/ 2	14:17: 1	IRP-2001 RFP BASE CASE	732
1ELECTRIC POWER RESEARCH INSTITUTE					IRP01 EGEAS BASECASE			

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2/20/ 2 20:26:31



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* -----
*   RRB      TI      ME PERIODS
* -----
*          --YEARS-- -SG- -SW-
*          1ST LAST  1 L 1 L
*          ----  +++  ---  -  +

```

```

TIME PERIOD           RRB      2001 2030  112 1 3

```

```

RECORD COLS           1           2           3           4           5           6           7           8
1 2345 678 90       1234567890123456789012345678901234567890123456789012  34567890
1ELECTRIC POWER RESEARCH INSTITUTE               IRP01 EGEAS BASECASE                   2/20/ 2        20:26:31

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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	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	12	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  SRLTKLSST  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

```

```

** 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           56
. EMIS SIO N  REPORTS
. RRC           3 1 1 3           1           00202           58
. CAPA CIT IE  S AND RESERVE MARGIN REPORTS
. RRC           3 2 1 31 1           60
. CAPI TAL A  ND REVENUE REQUIREMENT REPORTS
. RRC           3 2 31           311           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
1 2345 678 90 12345678901234567890123456789012345678901234567890123456789012 34567890
1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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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 12345678901234567890123456789012345678901234567890123456789012 34567890
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

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```

ASSIGNED REC. 1 2 3 4 5 6 7 8
REC. NO. COLS 1 2345 678 90 12345678901234567890123456789012345678901234567890123456789012 34567890
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
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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  
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RRA EXPANSION PLAN DIRECTORY = 1 - YES

FIRST EXPANSION PLAN = 1 CAPACITY OPTION = 0 - RATED  
 LAST EXPANSION PLAN = 1 FIXED O+M OPTION = 1 - SEPARATE ITEM IN PRODUCTION COST

COST SCALING OPTION = 0 - 1.000 M\$ SYSTEMS INCLUDED IN INTERCONNECTED SYSTEM REPORTS  
 ENERGY SCALING OPTION = 0 - 1.000 GWH 1  
 MONTHLY OUTPUT OPTION = 0 - NO

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 UNIT ORDER OPTION = 2 - LOADING ORDER  
 SERVICE AREAS = 1 - ANNUAL LOADING BLOCK OPTION = 0 - UNIT  
 FUEL CLASSES = 1 - ANNUAL  
 UNITS = 1 - ANNUAL  
 DETAILED COSTS BY UNITS = 0 - NO

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

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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

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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	
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	1	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	1	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	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	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	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	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	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	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	2	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\$

00206

--W/O EXT. 41130.  
--WITH EXT. 41130.

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2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 8  
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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	
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	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	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		
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		
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	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	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	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		
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		
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		
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		
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		
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		
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		
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		
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		

00207

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

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IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 9

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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	
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	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	1	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	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	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	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	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	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	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	
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	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	
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	
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. 41135.

--WITH EXT. 41135.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 10

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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

00208

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	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
2006	0	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	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	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41136.  
--WITH EXT. 41136.

ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 11  
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PLAN	NEW UNITS ADDED																													
5	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	1	0	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	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
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	1	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	0	0
2018	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
2020	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
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	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

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TOTAL COST, M\$  
--W/O EXT. 41145.  
--WITH EXT. 41145.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 12  
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PLAN	NEW UNITS ADDED																														
	6	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	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
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	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	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	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	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	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	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	2	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
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	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	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	0
2020	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	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

00211

TOTAL COST, M\$  
 --W/O EXT. 41145.  
 --WITH EXT. 41145.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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 EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 13  
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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	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	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	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	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

00212

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 TOTAL COST, M\$  
 --W/O EXT. 41145.  
 --WITH EXT. 41145.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31  
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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	
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	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	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	
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	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	
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	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	
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	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	

00213

TOTAL COST, M\$

--W/O EXT. 41147.

--WITH EXT. 41147.

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	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0
2006	0	0	1	0	0	0	0	0	0	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	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	0	0
2018	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
2020	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
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. 41157.

--WITH EXT. 41157.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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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

00214

2005	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0
2006	0	0	1	0	0	0	1	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	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	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

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TOTAL COST, M\$

--W/O EXT. 41157.

--WITH EXT. 41157.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 17

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PLAN NEW UNITS ADDED

11 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	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	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	1	0

00215

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	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

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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 PAGE 18  
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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
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	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	
2006	0	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	
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	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	
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	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	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	
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	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	
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	
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	

00217

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TOTAL COST, M\$  
--W/O EXT. 41161.  
--WITH EXT. 41161.  
1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	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	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	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	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	1	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	2	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

00218

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 TOTAL COST, M\$  
 --W/O EXT. 41163.  
 --WITH EXT. 41163.

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	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	
2006	0	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	
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	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	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	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	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	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	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	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	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	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. 41164.

--WITH EXT. 41164.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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	

00219

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	0	0	0	1	0	0	0	1	1	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
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	1
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	0
2014	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	1
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	1
2019	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	2
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

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TOTAL COST, M\$  
--W/O EXT. 41164.  
--WITH EXT. 41164.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 22  
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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	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	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	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	1	0	0	0	0

00220

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	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41165.  
--WITH EXT. 41165.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 23  
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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	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	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
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	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	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	0	0	0	0

00221



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	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

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TOTAL COST, M\$  
--W/O EXT. 41166.  
--WITH EXT. 41166.

PLAN	NEW UNITS ADDED																													
18	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	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
2006	0	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
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	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	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	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	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	1	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	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	1	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	2	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

00223

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TOTAL COST, M\$

--W/O EXT. 41169.

--WITH EXT. 41169.

PLAN	NEW UNITS ADDED																													
19	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	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	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	
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	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	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	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	
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	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	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	
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	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. 41169.  
--WITH EXT. 41169.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 26  
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PLAN	NEW UNITS ADDED																													
20	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	

00224

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	1	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41171.  
--WITH EXT. 41171.

IELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 27  
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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	1	0	0	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
2006	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0

00225

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	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	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	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	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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 28

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PLAN NEW UNITS ADDED

22	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	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
2006	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	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	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	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	1	0	0	0

00226

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	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	1	0
2019	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	2
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

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TOTAL COST, M\$  
--W/O EXT. 41180.  
--WITH EXT. 41180.

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	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	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	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	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	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	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	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	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	0

00227

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

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TOTAL COST, M\$  
--W/O EXT. 41180.  
--WITH EXT. 41180.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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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
24																														
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	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0										
2006	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
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	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	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	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	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	2	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. 41181.

--WITH EXT. 41181.

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

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

00229



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	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
2006	0	0	0	0	0	0	1	0	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	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41183.  
--WITH EXT. 41183.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 32  
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PLAN	NEW UNITS ADDED																													
26	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	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	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

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	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	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
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	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
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0

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TOTAL COST, M\$  
--W/O EXT. 41184.  
--WITH EXT. 41184.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 33  
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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		
27																																
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
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
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
2005	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	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
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	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	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	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	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	1	0	0	0

00231

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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41185.  
--WITH EXT. 41185.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 34  
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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	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	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	0	0	0	0	1	1	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	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	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	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	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

00232

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	1	0
2019	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	2
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

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TOTAL COST, M\$  
--W/O EXT. 41186.  
--WITH EXT. 41186.

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																													
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	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	0
2006	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	0
2007	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	0
2008	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	0
2009	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	0
2010	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	0
2011	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	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	1	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	1	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

00233

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

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TOTAL COST, M\$

--W/O EXT. 41186.

--WITH EXT. 41186.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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PLAN	NEW UNITS ADDED																													
30	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	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
2006	0	0	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
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	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	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	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	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	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. 41190.

--WITH EXT. 41190.

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

31 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

00235



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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41195.  
--WITH EXT. 41195.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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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	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	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	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	1	0	0

00237



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	
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
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	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
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0	0	0	0	0	0

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TOTAL COST, M\$

--W/O EXT. 41195.  
 --WITH EXT. 41195.

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

34	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		
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	1	0	0	0	0	0	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	0	0	0	0	0	
2006	0	0	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	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	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	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	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	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	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	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	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	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41196.  
--WITH EXT. 41196.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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PLAN	NEW UNITS ADDED																													
35	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	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	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
2007	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	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	1	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	1	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	1	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	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	1	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	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	1	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	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	0

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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

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TOTAL COST, M\$

--W/O EXT. 41197.

--WITH EXT. 41197.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 42

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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	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	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	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	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	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. 41198.

--WITH EXT. 41198.

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																													
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

00241

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	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	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	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	2
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

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TOTAL COST, M\$

--W/O EXT. 41207.

--WITH EXT. 41207.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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	1	1	0	0	1	1	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

00242

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	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	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

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TOTAL COST, M\$

--W/O EXT. 41207.

--WITH EXT. 41207.

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
39																														
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	1	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	
2006	0	0	1	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	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	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								
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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41208.  
--WITH EXT. 41208.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 46  
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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	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	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	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	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	0	1	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

00244

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	1	0
2019	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	2
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

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

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 47

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PLAN	NEW UNITS ADDED																													
41	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	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	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
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	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	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	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	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	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	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	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	2	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

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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	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	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	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	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	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	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	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	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	
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	
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	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. 41211.

--WITH EXT. 41211.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 49

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

00247

2002	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
2004	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	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	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
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	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
2012	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	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
2015	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
2017	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	3	0
2019	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	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
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

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TOTAL COST, M\$  
--W/O EXT. 41211.  
--WITH EXT. 41211.

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 50  
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PLAN	NEW UNITS ADDED																													
44	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	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	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	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41213.  
--WITH EXT. 41213.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 51  
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PLAN	NEW UNITS ADDED																													
45	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	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
2006	0	0	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
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	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

00249

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	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

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TOTAL COST, M\$

--W/O EXT. 41214.

--WITH EXT. 41214.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 52

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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	0	0	0	1	0	0	0	1	1	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	1	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	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	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	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	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	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

00250

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

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TOTAL COST, M\$

--W/O EXT. 41214.

--WITH EXT. 41214.

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	1	1	0	0	1	1	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	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	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	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	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	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	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	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	0

00251

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

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

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																													
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	
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	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	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	
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	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	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	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	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	
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. 41216.  
--WITH EXT. 41216.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 55  
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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	

00253



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	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	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	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41219.  
--WITH EXT. 41219.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

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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	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	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

00254

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0	0	0

TOTAL COST, M\$  
--W/O EXT. 41220.  
--WITH EXT. 41220.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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PLAN NEW UNITS ADDED  
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	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
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
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
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	0	0	0	0	0
2006	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	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	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
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	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	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	0	0	1	0	0

00255

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. 41221.

--WITH EXT. 41221.

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																													
52	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	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	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	1	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	1	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	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	1	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	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	1	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	1	0	0	0	0	0	0	0	0	0	0	0

00256

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. 41229.

--WITH EXT. 41229.

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

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	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	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
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	1	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	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	1	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	1	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	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	1	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	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

00257

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

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TOTAL COST, M\$  
--W/O EXT. 41230.  
--WITH EXT. 41230.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 60

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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	
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	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	
2006	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	
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	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	
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	
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	
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	
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. 41231.

--WITH EXT. 41231.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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	

00259

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	1	1	0	0	1	1	0	0	0
2006	0	0	1	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	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	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	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

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TOTAL COST, M\$

--W/O EXT. 41234.

--WITH EXT. 41234.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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
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	1	0	0	0	0	0	0	0	1	1	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0

00260

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	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	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

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TOTAL COST, M\$

--W/O EXT. 41236.

--WITH EXT. 41236.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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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	
57																																
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	1	0	0	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	
2006	0	0	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	
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	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	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
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	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	0

00261



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	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	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

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TOTAL COST, M\$

--W/O EXT. 41240.

--WITH EXT. 41240.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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
2002	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
2004	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	1	0	0	0	0	0	0	0	1	1	0	0	0	0
2006	0	0	0	0	1	0	0	0	0	0	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	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
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	1	0	0
2011	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	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
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	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

00262

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

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TOTAL COST, M\$

--W/O EXT. 41247.

--WITH EXT. 41247.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 65

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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	
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	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
2006	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	
2007	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	
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	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	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	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	
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	
2015	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	
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	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	

00263

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

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TOTAL COST, M\$

--W/O EXT. 41247.

--WITH EXT. 41247.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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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	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	1	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	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	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	2	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	1	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	2	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	3	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. 41253.

--WITH EXT. 41253.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:26:31

EGEAS REPORT VERSION 7.32

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

00265

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	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	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
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	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	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	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	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

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TOTAL COST, M\$  
 --W/O EXT. 41259.  
 --WITH EXT. 41259.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 68  
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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	0	0	0	1	0	0	0	0	0	0	0	0	1	1	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

00266

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	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	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	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. 41259.  
 --WITH EXT. 41259.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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 EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 69  
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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	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	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
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	1	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	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	1	0	0	0	0	0	0	0	0	0	0

00267

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	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

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TOTAL COST, M\$

--W/O EXT. 41259.

--WITH EXT. 41259.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 70

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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	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	1	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	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	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	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

00268

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

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TOTAL COST, M\$

--W/O EXT. 41271.

--WITH EXT. 41271.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 71

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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	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	1	0	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	1	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	1	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	1	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	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	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	3	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	3	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

00269



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

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TOTAL COST, M\$

--W/O EXT. 41272.

--WITH EXT. 41272.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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	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	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	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	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	1	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	3	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	3	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	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	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	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. 41272.

--WITH EXT. 41272.

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																													
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

00271

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	1	0	0	0	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41272.  
--WITH EXT. 41272.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 74  
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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	1	1	0	0	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	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
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	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
2012	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	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
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	3	0
2017	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	3	0
2019	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	3	0
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

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TOTAL COST, M\$  
--W/O EXT. 41284.  
--WITH EXT. 41284.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 75  
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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	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	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
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

00273

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	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	0	1
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	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

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TOTAL COST, M\$

--W/O EXT. 41284.

--WITH EXT. 41284.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 76

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PLAN NEW UNITS ADDED

70 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	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	0	0	1	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	1	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	1	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	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	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	1	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	4	0	0	0	0

00274

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	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

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TOTAL COST, M\$

--W/O EXT. 41286.  
--WITH EXT. 41286.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 77  
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PLAN	NEW UNITS ADDED																													
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	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	1	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
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	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	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	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	0	0	0	1
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	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	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	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

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TOTAL COST, M\$  
--W/O EXT. 41288.  
--WITH EXT. 41288.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 7B

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PLAN	NEW UNITS ADDED																													
72	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	1	0	0	0	0	0	0	0	0	0	0	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	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	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	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	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	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	3	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	3	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	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	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	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. 41288.  
--WITH EXT. 41288.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 79

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PLAN	NEW UNITS ADDED																													
73	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

00277



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	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
2006	0	0	0	0	0	0	1	0	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	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
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	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

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TOTAL COST, M\$  
--W/O EXT. 41288.  
--WITH EXT. 41288.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 80  
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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	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	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

00278

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	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	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	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	2
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

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TOTAL COST, M\$  
--W/O EXT. 41289.  
--WITH EXT. 41289.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 81  
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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	0	0	0	1	0	0	0	0	0	0	0	0	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	0	0	0	0	1	1	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	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	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

00279

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	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	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	2
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

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TOTAL COST, M\$  
--W/O EXT. 41290.  
--WITH EXT. 41290.

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

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	0	1	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
2006	0	0	0	0	1	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	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	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	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	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	4	0

00280

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	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

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TOTAL COST, M\$  
--W/O EXT. 41291.  
--WITH EXT. 41291.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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	0	1	0	1	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
2006	0	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
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	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	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	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	1
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	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	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	0

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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

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TOTAL COST, M\$  
--W/O EXT. 41291.  
--WITH EXT. 41291.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 84

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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	0	0	0	1	0	0	0	1	1	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	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	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	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	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	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	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	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. 41291.  
 --WITH EXT. 41291.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 85

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
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	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
2006	0	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	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	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	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
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	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

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TOTAL COST, M\$  
--W/O EXT. 41292.  
--WITH EXT. 41292.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 86  
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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	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	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

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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	1	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	0	0
2014	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	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	3
2020	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
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

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TOTAL COST, M\$  
--W/O EXT. 41293.  
--WITH EXT. 41293.

IELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 87  
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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
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	1	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
2006	0	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
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	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	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	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
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	1
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	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

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TOTAL COST, M\$

--W/O EXT. 41296.  
 --WITH EXT. 41296.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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20:26:31

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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	
82																															
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	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	0	0	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	
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	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	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	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	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	3	0	0

00286

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	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

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TOTAL COST, M\$  
--W/O EXT. 41296.  
--WITH EXT. 41296.

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																													
83	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	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
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	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	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	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	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	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
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

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TOTAL COST, M\$  
--W/O EXT. 41298.  
--WITH EXT. 41298.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 90  
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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	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	0	1	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	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	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	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	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	1	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. 41300.

--WITH EXT. 41300.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2

20:26:31

EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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

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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	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
2006	0	0	0	0	0	0	1	0	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	1	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	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	0
2016	0	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	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	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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

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TOTAL COST, M\$

--W/O EXT. 41303.  
--WITH EXT. 41303.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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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
86	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	
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	

00290

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	4
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	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

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TOTAL COST, M\$  
--W/O EXT. 41303.  
--WITH EXT. 41303.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 93  
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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	
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	1	0	1	1	0	0	0	0	0	0	0	
2006	0	0	0	0	1	0	0	0	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	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	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	1	0	

00291

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	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	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	1	0
2019	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	1	0
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

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TOTAL COST, M\$

--W/O EXT. 41305.  
--WITH EXT. 41305.

ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 94

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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	1	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
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	1	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	2	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

00292

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	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

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TOTAL COST, M\$  
--W/O EXT. 41305.  
--WITH EXT. 41305.

1ELECTRIC POWER RESEARCH INSTITUTE IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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EGEAS REPORT VERSION 7.32 EXPANSION PLAN DIRECTORY PAGE 95  
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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
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	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	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	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	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	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	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	1	0									
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
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

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TOTAL COST, M\$

--W/O EXT. 41306.

--WITH EXT. 41306.

1ELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

2/20/ 2 20:26:31

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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	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2006	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
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	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	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	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	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	3	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	3	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	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	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	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. 41311.

--WITH EXT. 41311.

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																													
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

00295

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	1	0	0	0	0	0	0	0	1	1	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	0	0
2010	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	1	0	0
2012	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
2014	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	1	0
2016	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	3	0
2018	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	3	0
2020	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
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

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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

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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
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	1	0	0	0	0	0	1	1	0	0	0
2006	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0

00296



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	1	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

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TOTAL COST, M\$

--W/O EXT. 41315.

--WITH EXT. 41315.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

PAGE 100

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PLAN NEW UNITS ADDED

94 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	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	0	0	0	0	0	0
2006	0	0	1	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	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	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	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	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	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
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	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
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	0

00298



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

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TOTAL COST, M\$  
--W/O EXT. 41317.  
--WITH EXT. 41317.

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																													
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	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	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	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	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	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	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	1	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. 41317.

--WITH EXT. 41317.

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																													
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	0

00301



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	1	0	0	0	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	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	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	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

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TOTAL COST, M\$

--W/O EXT. 41317.

--WITH EXT. 41317.

IELECTRIC POWER RESEARCH INSTITUTE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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
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	1	0	0	0	0	0	1	1	0	0	0
2006	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

00302

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	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	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
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	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

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TOTAL COST, M\$  
--W/O EXT. 41318.  
--WITH EXT. 41318.

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN DIRECTORY

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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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	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	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	1	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	1	0	0

00303

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	4
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	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

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TOTAL COST, M\$  
--W/O EXT. 41320.  
--WITH EXT. 41320.

1ELECTRIC POWER RESEARCH INSTITUTE

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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	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	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
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	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	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	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	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	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	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	3	0

00304



2005	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
2007	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
2009	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
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	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
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	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
2017	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
2019	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
2021	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
2023	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
2025	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
2027	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
2029	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
TOTAL	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	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 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 FC 19&58	478.200 MW
13 PA 13 FC 19&58 DF	47.300 MW	14 PA 14 FC 19&58	478.200 MW	15 PA 15 FC 19&58 DF	47.300 MW
16 PA 16 FC 2	589.000 MW	17 PA 17 FC 2 DF	29.000 MW	18 PA 18 CC-(GREENFIELD)	1103.000 MW
19 PA 19 CT	159.000 MW				

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IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN SUMMARY

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PLAN 1

NUMBER OF NEW UNITS ADDED

YEAR	11	12	13	14	15	16	17	18	19
2001	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
2003	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
2005	0.00	1.00	1.00	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	0.00	0.00	0.00
2007	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	1.00	0.00
2009	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	1.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2012	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
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
2015	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	1.00	0.00
2017	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	1.00	0.00
2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

00307



2014	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	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
2017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	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
2019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2021	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
2023	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
2025	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
2027	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
2029	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
TOTAL	0.000	465.000	0.000	0.000	300.000	150.000	0.000	0.000	300.000	0.000

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 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 FC 19&58	478.200 MW
13 PA 13 FC 19&58 DF	47.300 MW	14 PA 14 FC 19&58	478.200 MW	15 PA 15 FC 19&58 DF	47.300 MW
16 PA 16 FC 2	589.000 MW	17 PA 17 FC 2 DF	29.000 MW	18 PA 18 CC-(GREENFIELD)	1103.000 MW
19 PA 19 CT	159.000 MW				

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IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

EXPANSION PLAN SUMMARY

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PLAN 1

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NEW CAPACITY ADDED, MW

YEAR	11	12	13	14	15	16	17	18	19
2001	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
2003	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
2005	0.000	478.200	47.300	0.000	0.000	0.000	0.000	0.000	0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	0.000



2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	0.000
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	0.000
2011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	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
2014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	0.000
2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	0.000
2017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1103.000	0.000
2019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	318.000
2021	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
2023	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
2025	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
2027	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
2029	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
TOTAL	0.000	478.200	47.300	0.000	0.000	0.000	0.000	8824.000	318.000	

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 16&71	300.000 MW	5 PA 5 FC 16&71	300.000 MW	6 PA 6 FC 38&49	150.000 MW
7 PA 7 FC 38&49	150.000 MW	8 PA 8 FC 39&72	300.000 MW	9 PA 9 FC 39&72	300.000 MW
10 PA 10 FC 11&48	150.000 MW	11 PA 11 FC 11&48	150.000 MW	12 PA 12 FC 19&58	478.200 MW
13 PA 13 FC 19&58 DF	47.300 MW	14 PA 14 FC 19&58	478.200 MW	15 PA 15 FC 19&58 DF	47.300 MW
16 PA 16 FC 2	589.000 MW	17 PA 17 FC 2 DF	29.000 MW	18 PA 18 CC-(GREENFIELD)	1103.000 MW
19 PA 19 CT	159.000 MW				

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PLAN 1

YEAR	PEAK LOAD, MW	ENERGY GWH	.....RATED CAPACITY, MW.....			RESERVE CAPACITY	RESERVE PERCENT	LOSS OF LOAD PROBABILITY	..CAPITAL COSTS, M\$ ..		
			INSTALLED	RETIRED	CHANGED	TOTAL			NEW UNITS	CHANGES	
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.	1140.5	280.0	-367.0	24759.1	24549.1	20.09	0.0000	0.	0.
2006	21186.0	115602.	600.0	133.0	79.0	25305.1	25095.1	20.09	0.0000	0.	0.
2007	21556.0	118157.	1103.0	447.0	78.0	26039.1	25829.1	21.64	0.0000	602.	0.
2008	21870.0	120549.	1103.0	675.5	79.0	26545.6	26335.6	22.35	0.0000	612.	0.
2009	22271.0	122922.	1103.0	350.6	76.0	27374.0	27164.0	24.09	0.0000	623.	0.
2010	22687.0	125448.	1103.0	971.5	23.0	27528.5	27318.5	22.37	0.0000	633.	0.
2011	23106.0	127512.	1103.0	45.0	2.0	28588.5	28378.5	24.97	0.0000	644.	0.
2012	23495.0	128965.	0.0	0.0	0.0	28588.5	28378.5	22.71	0.0000	0.	0.
2013	23887.0	130434.	0.0	0.0	0.0	28588.5	28378.5	20.51	0.0000	0.	0.
2014	24294.0	132014.	1103.0	0.0	0.0	29691.5	29481.5	23.26	0.0000	678.	0.
2015	24696.0	133571.	0.0	0.0	0.0	29691.5	29481.5	21.07	0.0000	0.	0.
2016	25110.0	135223.	1103.0	300.0	0.0	30494.5	30284.5	22.38	0.0000	701.	0.
2017	25489.0	136989.	0.0	0.0	0.0	30494.5	30284.5	20.40	0.0000	0.	0.
2018	25890.0	138629.	1103.0	0.0	0.0	31597.5	31387.5	23.00	0.0000	725.	0.
2019	26267.0	140153.	0.0	0.0	0.0	31597.5	31387.5	21.09	0.0000	0.	0.
2020	26680.0	141533.	318.0	0.0	0.0	31915.5	31705.5	20.35	0.0000	223.	0.
2021	27100.0	142926.	0.0	0.0	0.0	31915.5	31705.5	18.34	0.0000	0.	0.
2022	27100.0	142926.	0.0	382.0	0.0	31533.5	31323.5	16.82	0.0000	0.	0.
2023	27100.0	142926.	0.0	0.0	0.0	31533.5	31323.5	16.82	0.0000	0.	0.
2024	27100.0	142926.	0.0	0.0	0.0	31533.5	31323.5	16.82	0.0000	0.	0.
2025	27100.0	142926.	0.0	250.0	0.0	31283.5	31073.5	15.82	0.0000	0.	0.
2026	27100.0	142926.	0.0	330.0	0.0	30953.5	30743.5	14.51	0.0000	0.	0.
2027	27100.0	142926.	0.0	14.5	0.0	30939.0	30729.0	14.45	0.0000	0.	0.
2028	27100.0	142926.	0.0	0.0	0.0	30939.0	30729.0	14.45	0.0000	0.	0.
2029	27100.0	142926.	0.0	0.0	0.0	30939.0	30729.0	14.45	0.0000	0.	0.
2030	27100.0	142926.	0.0	465.0	0.0	30474.0	30264.0	12.60	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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PLAN 1

YEAR	PRODUCTION COST	CAPITAL FIXED CHARGES	.....COST SUMMARY.....			
			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	2319.	0.	2319.	10608.	1673.	9040.
2006	2512.	0.	2512.	13120.	1670.	10710.
2007	2658.	121.	2778.	15898.	1703.	12413.
2008	2757.	239.	2995.	18894.	1692.	14105.
2009	2857.	354.	3211.	22104.	1672.	15777.
2010	3141.	466.	3607.	25712.	1731.	17508.
2011	3299.	576.	3874.	29586.	1714.	19222.
2012	3450.	551.	4001.	33587.	1631.	20853.
2013	3579.	527.	4106.	37693.	1543.	22396.
2014	3767.	639.	4406.	42100.	1526.	23921.
2015	3998.	612.	4609.	46709.	1471.	25392.
2016	4173.	724.	4897.	51606.	1440.	26833.
2017	4357.	692.	5049.	56655.	1369.	28202.
2018	4585.	805.	5390.	62044.	1347.	29548.
2019	4761.	767.	5529.	67573.	1273.	30821.
2020	4971.	774.	5745.	73318.	1219.	32041.
2021	5165.	735.	5900.	79218.	1154.	33195.
2022	5430.	697.	6127.	85346.	1105.	34300.
2023	5585.	659.	6244.	91590.	1038.	35337.
2024	5748.	621.	6369.	97959.	975.	36313.
2025	5973.	584.	6557.	104516.	926.	37238.



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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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	2225.	10.	88.	0.	0.	0.	0.	-4.	0.	2319.
2006	2335.	21.	160.	0.	0.	0.	0.	-3.	0.	2512.
2007	2417.	19.	228.	0.	0.	0.	0.	-7.	0.	2658.
2008	2524.	10.	231.	0.	0.	0.	0.	-8.	0.	2757.
2009	2597.	5.	265.	0.	0.	0.	0.	-11.	0.	2857.
2010	2809.	6.	338.	0.	0.	0.	0.	-12.	0.	3141.
2011	2894.	5.	414.	0.	0.	0.	0.	-15.	0.	3299.
2012	3038.	6.	421.	0.	0.	0.	0.	-15.	0.	3450.
2013	3160.	6.	428.	0.	0.	0.	0.	-14.	0.	3579.
2014	3272.	6.	509.	0.	0.	0.	0.	-20.	0.	3767.
2015	3492.	6.	518.	0.	0.	0.	0.	-19.	0.	3998.
2016	3626.	3.	562.	0.	0.	0.	0.	-19.	0.	4173.
2017	3799.	3.	572.	0.	0.	0.	0.	-17.	0.	4357.
2018	3941.	4.	662.	0.	0.	0.	0.	-22.	0.	4585.
2019	4103.	4.	675.	0.	0.	0.	0.	-20.	0.	4761.
2020	4285.	4.	701.	0.	0.	0.	0.	-20.	0.	4971.
2021	4463.	4.	716.	0.	0.	0.	0.	-18.	0.	5165.
2022	4715.	4.	731.	0.	0.	0.	0.	-20.	0.	5430.
2023	4854.	5.	747.	0.	0.	0.	0.	-20.	0.	5585.
2024	5000.	5.	763.	0.	0.	0.	0.	-20.	0.	5748.
2025	5207.	5.	781.	0.	0.	0.	0.	-20.	0.	5973.
2026	5389.	5.	799.	0.	0.	0.	0.	-16.	0.	6176.
2027	5559.	5.	818.	0.	0.	0.	0.	-17.	0.	6365.
2028	5723.	5.	837.	0.	0.	0.	0.	-16.	0.	6549.
2029	5887.	5.	858.	0.	0.	0.	0.	-16.	0.	6735.
2030	6071.	6.	840.	0.	0.	0.	0.	-16.	0.	6901.

NOTES - ANNUAL COSTS ARE IN MILLIONS OF CURRENT DOLLARS.

00314

PLAN 1

YEAR	.....TOTAL 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.	2323.	111771.	2323.
2006	115601.	2515.	115601.	2515.
2007	118156.	2664.	118156.	2664.
2008	120548.	2765.	120548.	2765.
2009	122921.	2868.	122921.	2868.
2010	125447.	3153.	125447.	3153.
2011	127511.	3314.	127511.	3314.
2012	128964.	3465.	128964.	3465.
2013	130433.	3594.	130433.	3594.
2014	132013.	3787.	132013.	3787.
2015	133570.	4016.	133570.	4016.
2016	135222.	4191.	135222.	4191.
2017	136989.	4375.	136989.	4375.
2018	138628.	4607.	138628.	4607.
2019	140152.	4782.	140152.	4782.
2020	141532.	4991.	141532.	4991.
2021	142925.	5183.	142925.	5183.
2022	142925.	5451.	142925.	5451.
2023	142925.	5605.	142925.	5605.
2024	142925.	5768.	142925.	5768.
2025	142925.	5993.	142925.	5993.
2026	142925.	6192.	142925.	6192.
2027	142925.	6382.	142925.	6382.
2028	142925.	6565.	142925.	6565.
2029	142925.	6750.	142925.	6750.
2030	142925.	6917.	142925.	6917.

00315

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	.....TOTAL 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.	2323.	619.	0.	13197.	427.	22763.	108.
2006	115601.	2515.	755.	0.	12943.	420.	22763.	110.
2007	118156.	2664.	910.	0.	10794.	360.	22763.	105.
2008	120548.	2765.	1040.	0.	10715.	366.	22763.	106.
2009	122921.	2868.	1170.	0.	8929.	311.	22763.	109.
2010	125447.	3153.	1302.	0.	9169.	328.	22763.	110.
2011	127511.	3314.	1302.	0.	6677.	244.	22763.	111.
2012	128964.	3465.	1302.	0.	7675.	290.	22763.	114.
2013	130433.	3594.	1302.	0.	7826.	303.	22763.	114.
2014	132013.	3787.	1302.	0.	5991.	237.	22763.	116.
2015	133570.	4016.	1302.	0.	7607.	312.	22763.	117.
2016	135222.	4191.	1302.	0.	6642.	278.	22763.	119.
2017	136989.	4375.	1302.	0.	7299.	316.	22763.	120.
2018	138628.	4607.	1302.	0.	5418.	239.	22763.	122.
2019	140152.	4782.	1302.	0.	5822.	264.	22763.	123.
2020	141532.	4991.	1302.	0.	6465.	303.	22763.	124.
2021	142925.	5183.	1302.	0.	7069.	342.	22763.	125.
2022	142925.	5451.	1302.	0.	8256.	413.	22763.	127.
2023	142925.	5605.	1302.	0.	7899.	404.	22763.	128.
2024	142925.	5768.	1302.	0.	8118.	426.	22763.	129.
2025	142925.	5993.	1302.	0.	8883.	482.	22763.	131.
2026	142925.	6192.	1302.	0.	9556.	532.	22763.	132.
2027	142925.	6382.	1302.	0.	9622.	552.	22763.	133.
2028	142925.	6565.	1302.	0.	9689.	571.	22763.	135.
2029	142925.	6750.	1302.	0.	9782.	592.	22763.	136.
2030	142925.	6917.	1302.	0.	9735.	607.	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	40828.	1119.	26.	2.	6648.	110.	125.	4.
2006	44715.	1308.	8.	1.	6648.	112.	125.	4.
2007	49269.	1511.	2.	0.	6648.	115.	125.	4.
2008	51774.	1594.	2.	0.	6648.	118.	125.	4.
2009	55502.	1733.	1.	0.	6648.	119.	125.	4.
2010	64496.	2104.	2.	0.	0.	0.	125.	4.
2011	69000.	2336.	1.	0.	0.	0.	125.	4.
2012	69871.	2430.	2.	0.	0.	0.	125.	4.
2013	70732.	2523.	2.	0.	0.	0.	125.	4.
2014	74529.	2773.	1.	0.	0.	0.	125.	4.
2015	79988.	3060.	1.	0.	0.	0.	125.	4.
2016	83145.	3278.	1.	0.	0.	0.	125.	5.
2017	84068.	3405.	1.	0.	0.	0.	125.	5.
2018	89047.	3746.	0.	0.	0.	0.	125.	5.
2019	89378.	3866.	1.	0.	0.	0.	125.	5.
2020	90376.	4027.	1.	0.	0.	0.	125.	5.
2021	90659.	4155.	2.	0.	0.	0.	125.	5.
2022	92350.	4376.	5.	1.	0.	0.	125.	5.
2023	92647.	4525.	3.	0.	0.	0.	125.	5.
2024	92511.	4653.	3.	0.	0.	0.	125.	5.
2025	93927.	4853.	5.	1.	0.	0.	125.	5.
2026	94544.	5026.	6.	1.	0.	0.	125.	5.
2027	94898.	5190.	7.	1.	0.	0.	125.	5.
2028	94700.	5338.	6.	1.	0.	0.	125.	5.
2029	94513.	5484.	7.	1.	0.	0.	125.	5.
2030	94683.	5622.	18.	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 - COAL.. ENERGY, GWH	COST, M\$	..FUEL CLASS - SJRP.. ENERGY, GWH	COST, M\$	..FUEL CLASS - COGN.. ENERGY, GWH	COST, M\$	..FUEL CLASS - PUR.. ENERGY, GWH	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.	6136.	123.	0.	0.
2006	7680.	130.	2970.	45.	5232.	108.	0.	0.



2007	7303.	126.	3217.	49.	5254.	110.	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.



PLAN 1 YEAR 2001

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST			
	INST						YEAR	LODNG	CAPACITY	RATE	COST	FACTOR	PERCENT
	YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	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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PLAN 1 YEAR 2001

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST						FUEL	O + M	O + M	K\$	\$/MWH
YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	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		210.000		6.0900							
DSM-LC	DHYDR	1266.000		0.0000							
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.  
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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
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	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST 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			212.000		5.8400							
PPE 3-2 GT'S			210.000		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.  
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\* LOADING ORDER \*

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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							
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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.  
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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	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST 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							



NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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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	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST 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							
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							
IND-TOWN			330.000		2.3900							
FC 19&58	2005		478.200									
FT LAUD 5			427.000		3.4100							
FT LAUD 4			427.000		3.4100							
FC 38&49	2005		150.000									
FC 19&58 DF	2005		47.300									
PUTNAM 1			249.000		3.4100							
PUTNAM 2			249.000		3.4100							
RIVIERA 4			290.000		2.8200							

RIVIERA 3	283.000	[REDACTED]	2.8200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 1	403.000	[REDACTED]	3.3400	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 2	400.000	[REDACTED]	3.3600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-MART	318.000	[REDACTED]	3.4100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
FIRM PURCHASE	447.000	[REDACTED]	3.4100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY	318.000	[REDACTED]	3.4100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 3	390.000	[REDACTED]	3.3200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 4	410.000	[REDACTED]	3.3200	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 1	410.000	[REDACTED]	3.3600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DSM-CONS	DHYDR 310.000	[REDACTED]	0.0000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2	816.000	[REDACTED]	3.3687	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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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	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
SANFORD 3			142.000		2.9900							
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							
TPDIESEL 1-5			12.000		5.2800							
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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EGEAS REPORT VERSION 7.32

PRODUCTION COST - ANNUAL BY UNITS REPORT

PAGE 130

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
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ST LUCIE 2	MUST	714.000	0.4436
TURKEY POINT 4	MUST	693.000	0.4357
ST LUCIE 1	MUST	839.000	0.4478
TURKEY POINT 3	MUST	693.000	0.4434
BROWARD SOUTH 2		3.500	1.4700
SJRPP 1 (OWN)		254.000	1.5400
SJRPP 2 (PURCH)		382.000	1.5400
PALM BEACH		43.500	1.5900
BROWARD NORTH 2		11.000	1.5900
SOUCO		928.000	1.6900
CEDAR BAY		250.000	1.7900
SCHERER 4		658.000	1.6900
BROWARD NORTH 1		45.000	2.0400
BROWARD SOUTH 1		50.600	2.0400
MARTIN 4		474.000	3.4500
PSNREP 4		957.000	3.4500
PSNREP 5		957.000	3.4500
MARTIN 3		474.000	3.4500
PFMREP 1 CT/CC		1473.043	3.4500
IND-TOWN		330.000	2.3900
FC 19&58	2005	478.200	
FT LAUD 5		427.000	3.4500
FT LAUD 4		427.000	3.4500
FC 38&49	2005	150.000	
FC 16&71	2006	300.000	
FC 39&72	2006	300.000	
FC 19&58 DF	2005	47.300	
PUTNAM 1		249.000	3.4500
PUTNAM 2		249.000	3.4500
RIVIERA 4		290.000	2.8100
RIVIERA 3		283.000	2.8100
CAPE CAN 1		403.000	3.3700
TURKEY POINT 2		400.000	3.3800
2 ADV CT-MART		318.000	3.4500
FIRM PURCHASE		447.000	3.4500
2 ADV CT-FT MY		318.000	3.4500
TURKEY POINT 1		410.000	3.3800
EVERGLADES 3		390.000	3.3500
EVERGLADES 4		410.000	3.3500

DSM-CONS DHYDR 375.000  
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0.0000  
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PLAN 1 YEAR 2006

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST							
	INST						YEAR	LODNG	CAPACITY	RATE	COST	FACTOR	PERCENT	GW	FUEL	O + M	O + M
MARTIN 2		816.000		3.4018													
SANFORD 3		142.000		3.0000													
EVERGLADES 2		221.000		3.3500													
MANATEE 2		810.000		3.3100													
ECONOM 1		210.000	HYDR	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		1354.000	DHYDR	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		465.000	2005														

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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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	FUEL K\$	VARIABLE O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	COST \$/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							
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							
IND-TOWN			330.000		2.4000							
CC-(GREENFIELD)	2007		1103.000		3.4900							
FC 19&58	2005		478.200									
FT LAUD 5			427.000		4.9717							
FT LAUD 4			427.000		3.5000							
FC 38&49	2005		150.000									
FC 16&71	2006		300.000									
FC 39&72	2006		300.000									
FC 19&58 DF	2005		47.300									
PUTNAM 1			249.000		3.5000							
PUTNAM 2			249.000		3.5000							
RIVIERA 4			290.000		2.8700							
RIVIERA 3			283.000		2.8700							
2 ADV CT-MART			318.000		3.5000							
2 ADV CT-FT MY			318.000		3.5000							



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 2008

\* LOADING ORDER \*

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

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PALM BEACH		43.500	1.5700
BROWARD NORTH 2		11.000	1.5700
SJRPP 1 (OWN)		254.000	1.5700
SJRPP 2 (PURCH)		382.000	1.5700
SOUCO		928.000	1.7700
CEDAR BAY		250.000	1.8200
SCHERER 4		658.000	1.7200
BROWARD NORTH 1		45.000	2.1400
BROWARD SOUTH 1		50.600	2.1400
MARTIN 4		474.000	3.5900
IND-TOWN		330.000	2.4100
PSNREP 4		957.000	3.5900
PSNREP 5		957.000	3.5900
MARTIN 3		474.000	3.5900
PFMREP 1 CT/CC		1473.043	3.5900
CC- (GREENFIELD)	2007	1103.000	3.5800
CC- (GREENFIELD)	2008	1103.000	3.5800
FT LAUD 5		427.000	4.8088
FT LAUD 4		427.000	3.5900
FC 16&71	2006	300.000	
FC 39&72	2006	300.000	
PUTNAM 1		249.000	3.5900
PUTNAM 2		249.000	3.5900
RIVIERA 4		290.000	2.9400
RIVIERA 3		283.000	2.9400
2 ADV CT-MART		318.000	3.5900
2 ADV CT-FT MY		318.000	3.5900
CAPE CAN 1		403.000	3.5300
TURKEY POINT 2		400.000	3.5500
EVERGLADES 3		390.000	3.5100
EVERGLADES 4		410.000	3.5100
DSM-CONS	DHYDR	506.000	0.0000
TURKEY POINT 1		410.000	3.5500
MARTIN 2		816.000	3.5625
SANFORD 3		142.000	3.1300

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ST LUCIE 1	MUST	839.000	0.4409
ST LUCIE 2	MUST	714.000	0.4464
TURKEY POINT 3	MUST	693.000	0.4383
BROWARD SOUTH 2		3.500	1.5900
PALM BEACH		43.500	1.6000
BROWARD NORTH 2		11.000	1.6000
SJRPP 1 (OWN)		254.000	1.5900
SJRPP 2 (PURCH)		382.000	1.5900
SOUCO		928.000	1.7900
CEDAR BAY		250.000	1.8500
SCHERER 4		658.000	1.7400
BROWARD NORTH 1		45.000	2.1900
IND-TOWN		330.000	2.4300
MARTIN 4		474.000	3.6900
PSNREP 4		957.000	3.6900
PSNREP 5		957.000	3.6900
MARTIN 3		474.000	3.6900
PFMREP 1 CT/CC		1473.043	3.6900
CC-(GREENFIELD)	2007	1103.000	3.6900
CC-(GREENFIELD)	2008	1103.000	3.6900
CC-(GREENFIELD)	2009	1103.000	3.6900
FT LAUD 5		427.000	3.7312
FT LAUD 4		427.000	3.6900
FC 39&72	2006	300.000	
PUTNAM 1		249.000	3.6900
PUTNAM 2		249.000	3.6900
RIVIERA 4		290.000	3.0000
RIVIERA 3		283.000	3.0000
2 ADV CT-MART		318.000	3.6900
2 ADV CT-FT MY		318.000	3.6900
CAPE CAN 1		403.000	3.6200
TURKEY POINT 2		400.000	3.6400
EVERGLADES 3		390.000	3.6000
DSM-CONS	DHYDR	572.000	0.0000
EVERGLADES 4		410.000	3.6000
TURKEY POINT 1		410.000	3.6400
MARTIN 2		816.000	3.6556
SANFORD 3		142.000	3.2100
EVERGLADES 2		221.000	3.6000
1ELECTRIC POWER RESEARCH INSTITUTE			IRP01 EGEAS BASECASE

PLAN 1 YEAR 2009 \* 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\$
ECONOM 1		210.000		3.4600							
MARTIN 1		824.000		3.6555							
MANATEE 2		810.000		3.5600							
CAPE CAN 2		403.000		3.6200							
DSM-LC		DHYDR 1390.000		0.0000							
MANATEE 1		815.000		3.5600							
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							
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.  
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PLAN 1 YEAR 2010 \* 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\$

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
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
CC- (GREENFIELD)	2007	1103.000	3.7900
CC- (GREENFIELD)	2008	1103.000	3.7900
CC- (GREENFIELD)	2009	1103.000	3.7900
CC- (GREENFIELD)	2010	1103.000	3.7900
FT LAUD 5		427.000	4.5892
FT LAUD 4		427.000	3.8000
FC 39&72	2006	300.000	3.8000
PUTNAM 1		249.000	3.8000
PUTNAM 2		249.000	3.8000
RIVIERA 4		290.000	3.0700
RIVIERA 3		283.000	3.0700
2 ADV CT-MART		318.000	3.8000
2 ADV CT-FT MY		318.000	3.8000
CAPE CAN 1		403.000	3.7100
TURKEY POINT 2		400.000	3.7300
EVERGLADES 3		390.000	3.6900
DSM-CONS	DHYDR	595.000	0.0000
EVERGLADES 4		410.000	3.6900
TURKEY POINT 1		410.000	3.7300
MARTIN 2		816.000	3.7518
SANFORD 3		142.000	3.2900
EVERGLADES 2		221.000	3.6900



MARTIN 1  
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824.000

3.7517

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2010

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST	CAPACITY	RATE	COST	FACTOR		FUEL	O + M	O + M	K\$	\$/MWH
YEAR	LODNG	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
ECONOM 1		210.000		3.4800							
MANATEE 2	HYDR	810.000		3.6600							
CAPE CAN 2		403.000		3.7100							
DSM-LC	DHYDR	1390.000		0.0000							
MANATEE 1		815.000		3.6600							

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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
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							
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						
CC-(GREENFIELD)	2007	1103.000		3.9100						
CC-(GREENFIELD)	2008	1103.000		3.9100						
CC-(GREENFIELD)	2009	1103.000		3.9100						
CC-(GREENFIELD)	2010	1103.000		3.9100						
CC-(GREENFIELD)	2011	1103.000		3.9100						
FT LAUD 5		427.000		3.9200						
FT LAUD 4		427.000		3.9200						
FC 39&72	2006	300.000		3.9200						
PUTNAM 1		249.000		3.9200						
PUTNAM 2		249.000		3.9200						
RIVIERA 4		290.000		3.1500						
RIVIERA 3		283.000		3.1500						
2 ADV CT-MART		318.000		3.9200						
2 ADV CT-FT MY		318.000		3.9200						
CAPE CAN 1		403.000		3.8100						
DSM-CONS	DHYDR	595.000		0.0000						
TURKEY POINT 2		400.000		3.8300						
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						
ECONOM 1	HYDR	210.000		3.5000						

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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 O + M		FIXED O + M	PRODUCTION COST	
									K\$	K\$	K\$	K\$	\$/MWH
MARTIN 1				824.000		3.8579							
MANATEE 2				810.000		3.7600							
DSM-LC			DHYDR	1392.000		0.0000							
CAPE CAN 2				403.000		3.8100							





DSM-LC	DHYDR	1392.000	0.0000
MANATEE 1		815.000	3.8600
EVERGLADES 1		221.000	3.9000
CUTLER 6		144.000	4.0400
CUTLER 5		71.000	4.0400
PFM 2-4 GT'S		212.000	6.2500
PFM 2-4 GT'S		212.000	6.2500
PFM 2-4 GT'S		212.000	6.2500
PPE 3-2 GT'S		210.000	6.2600
PPE 3-2 GT'S		210.000	6.2600
PFL 3-2 GT'S		210.000	6.2600
PFL 3-2 GT'S		210.000	6.2600
PFL 3-2 GT'S		210.000	6.2600
PFL 3-2 GT'S		210.000	6.2600
TPDIESEL 1-5		12.000	6.2600
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 2013

\* 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		0.4498							
ST LUCIE 1	MUST		839.000		0.4646							
TURKEY POINT 3	MUST		693.000		0.4569							
ST LUCIE 2	MUST		714.000		0.4696							
BROWARD SOUTH 2			3.500		1.6400							
BROWARD NORTH 2			11.000		1.7000							
SJRPP 1 (OWN)			254.000		1.7000							
SJRPP 2 (PURCH)			382.000		1.7000							
CEDAR BAY			250.000		1.9700							
SCHERER 4			658.000		1.8500							
IND-TOWN			330.000		2.5000							

MARTIN 4		474.000		4.1600
PSNREP 4		957.000		4.1600
PSNREP 5		957.000		4.1600
MARTIN 3		474.000		4.1600
PFMREP 1 CT/CC		1473.043		4.1600
CC- (GREENFIELD)	2007	1103.000		4.1500
CC- (GREENFIELD)	2008	1103.000		4.1500
CC- (GREENFIELD)	2009	1103.000		4.1500
CC- (GREENFIELD)	2010	1103.000		4.1500
CC- (GREENFIELD)	2011	1103.000		4.1500
FT LAUD 5		427.000		4.2160
FT LAUD 4		427.000		4.1600
FC 39&72	2006	300.000		4.1600
PUTNAM 1		249.000		4.1600

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PFL 3-2 GT'S		210.000	6.4400
PFL 3-2 GT'S		210.000	6.4400
TPDIESEL 1-5		12.000	6.4400
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 IRP01 EGEAS BASECASE

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PLAN 1 YEAR 2014 \* LOADING ORDER \*

UNIT NAME	ALT INST YEAR	LODNG	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE FUEL K\$	O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4540							
ST LUCIE 1	MUST		839.000		0.4678							
TURKEY POINT 3	MUST		693.000		0.4629							
ST LUCIE 2	MUST		714.000		0.4786							
BROWARD SOUTH 2			3.500		1.5900							
BROWARD NORTH 2			11.000		1.7300							
SJRPP 1 (OWN)			254.000		1.7300							
SJRPP 2 (PURCH)			382.000		1.7300							
CEDAR BAY			250.000		2.0000							
SCHERER 4			658.000		1.8800							
IND-TOWN			330.000		2.5200							
MARTIN 4			474.000		4.2900							
PSNREP 4			957.000		4.2900							
PSNREP 5			957.000		4.2900							
MARTIN 3			474.000		4.2900							
PFMREP 1 CT/CC			1473.043		4.2900							
CC-(GREENFIELD)	2007		1103.000		4.2800							
CC-(GREENFIELD)	2008		1103.000		4.2800							
CC-(GREENFIELD)	2009		1103.000		4.2800							
CC-(GREENFIELD)	2010		1103.000		4.2800							
CC-(GREENFIELD)	2011		1103.000		4.2800							
CC-(GREENFIELD)	2014		1103.000		4.2800							
FT LAUD 5			427.000		4.2900							
FT LAUD 4			427.000		4.2900							



PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 PFL 3-2 GT'S 210.000  
 TPDIESEL 1-5 12.000  
 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 IRP01 EGEAS BASECASE

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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
TURKEY POINT 4		MUST	693.000		0.4610							
ST LUCIE 1		MUST	839.000		0.4748							
TURKEY POINT 3		MUST	693.000		0.4693							
ST LUCIE 2		MUST	714.000		0.4801							
BROWARD SOUTH 2			3.500		1.6100							
BROWARD NORTH 2			11.000		1.7600							
SJRPP 1 (OWN)			254.000		1.7600							
SJRPP 2 (PURCH)			382.000		1.7600							
CEDAR BAY			250.000		2.0400							
SCHERER 4			658.000		1.9100							
IND-TOWN			330.000		2.5400							
MARTIN 4			474.000		4.6400							
PSNREP 4			957.000		4.6400							
PSNREP 5			957.000		4.6400							
MARTIN 3			474.000		4.6400							
CC- (GREENFIELD)	2007		1103.000		4.4200							
CC- (GREENFIELD)	2008		1103.000		4.4200							
CC- (GREENFIELD)	2009		1103.000		4.4200							
CC- (GREENFIELD)	2010		1103.000		4.4200							
CC- (GREENFIELD)	2011		1103.000		4.4200							
CC- (GREENFIELD)	2014		1103.000		4.4200							
PFMREP 1 CT/CC			1473.043		4.6400							



PPE 3-2 GT'S		210.000	6.8300
PFL 3-2 GT'S		210.000	6.8300
PFL 3-2 GT'S		210.000	6.8300
PFL 3-2 GT'S		210.000	6.8300
TPDIESEL 1-5		12.000	6.8300
FC 3&65	2005	465.000	10.1300

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	RATED CAPACITY MW	HEAT RATE BTU/KWH	FUEL COST \$/MBTU	CAPACITY FACTOR PERCENT	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
	INST YEAR						LODNG	FUEL K\$	O + M K\$	O + M K\$	K\$
TURKEY POINT 4		693.000		0.4696							
ST LUCIE 1		839.000		0.4842							
TURKEY POINT 3		693.000		0.4755							
ST LUCIE 2		714.000		0.4879							
BROWARD SOUTH 2		3.500		1.5700							
BROWARD NORTH 2		11.000		1.7900							
SJRPP 1 (OWN)		254.000		1.7900							
SJRPP 2 (PURCH)		382.000		1.7900							
CEDAR BAY		250.000		2.0700							
SCHERER 4		658.000		1.9400							
IND-TOWN		330.000		2.5700							
CC-(GREENFIELD)	2007	1103.000		4.5500							
CC-(GREENFIELD)	2008	1103.000		4.5500							
CC-(GREENFIELD)	2009	1103.000		4.5500							
CC-(GREENFIELD)	2010	1103.000		4.5500							
CC-(GREENFIELD)	2011	1103.000		4.5500							
CC-(GREENFIELD)	2014	1103.000		4.5500							
CC-(GREENFIELD)	2016	1103.000		4.5500							
MARTIN 4		474.000		4.8900							
PSNREP 4		957.000		4.8900							
PSNREP 5		957.000		4.8900							
MARTIN 3		474.000		4.8900							
PFMREP 1 CT/CC		1473.043		4.8900							
FT LAUD 5		427.000		4.8900							
FT LAUD 4		427.000		4.8900							
RIVIERA 4		290.000		3.5600							
RIVIERA 3		283.000		3.5600							
PUTNAM 1		249.000		4.8900							
PUTNAM 2		249.000		4.8900							
DSM-CONS	DHYDR	595.000		0.0000							
CAPE CAN 1		403.000		4.3700							
TURKEY POINT 2		400.000		4.3900							
TURKEY POINT 1		410.000		4.3900							
EVERGLADES 3		390.000		4.3500							

EVERGLADES 4	410.000	4.3500							
SANFORD 3	142.000	3.8300							
EVERGLADES 2	221.000	4.3500							
MANATEE 2	810.000	4.3100							
ECONOM 1	HYDR 210.000	3.6200							
MARTIN 2	816.000	4.5458							

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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
CAPE CAN 2			403.000		4.3700							
MANATEE 1			815.000		4.3100							
EVERGLADES 1			221.000		4.3500							
DSM-LC		DHYDR	1392.000		0.0000							
MARTIN 1			824.000		4.5452							
2 ADV CT-MART			318.000		4.8900							
2 ADV CT-FT MY			318.000		4.8900							
CUTLER 6			144.000		4.8900							
CUTLER 5			71.000		4.8900							
PFM 2-4 GT'S			212.000		6.9900							
PFM 2-4 GT'S			212.000		6.9900							
PFM 2-4 GT'S			212.000		6.9900							
PPE 3-2 GT'S			210.000		7.0300							
PPE 3-2 GT'S			210.000		7.0300							
PFL 3-2 GT'S			210.000		7.0300							
PFL 3-2 GT'S			210.000		7.0300							
PFL 3-2 GT'S			210.000		7.0300							
TPDIESEL 1-5			12.000		7.0300							
FC 3&65		2005	465.000		7.0300							

NOTES - ANNUAL COSTS ARE IN CURRENT DOLLARS.  
 - EXTENSION PERIOD COSTS ARE DISCOUNTED TO THE BEGINNING OF 2001.  
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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								
MANATEE 2	810.000		4.4300								
ECONOM 1	HYDR 210.000		3.6400								
MARTIN 2	816.000		4.6751								

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PLAN    1      YEAR    2017      \*    LOADING ORDER    \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST						LODNG	YEAR	O + M	O + M	K\$
	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	FUEL K\$	O + M K\$	O + M K\$	K\$	\$/MWH
CAPE CAN 2		403.000		4.4900							
MANATEE 1		815.000		4.4300							
EVERGLADES 1		221.000		4.4700							
DSM-LC		DHYDR 1392.000		0.0000							
MARTIN 1		824.000		4.6745							
2 ADV CT-MART		318.000		5.0400							
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							
PFM 2-4 GT'S		212.000		7.1900							
PPE 3-2 GT'S		210.000		7.2400							
PPE 3-2 GT'S		210.000		7.2400							
PPE 3-2 GT'S		210.000		7.2400							
PFL 3-2 GT'S		210.000		7.2400							
PFL 3-2 GT'S		210.000		7.2400							
PFL 3-2 GT'S		210.000		7.2400							
PFL 3-2 GT'S		210.000		7.2400							
TPDIESEL 1-5		12.000		7.2400							
FC 3&65	2005	465.000			0.00						

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

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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 FUEL K\$	O + M K\$	FIXED O + M K\$	PRODUCTION COST K\$	\$/MWH
TURKEY POINT 4	MUST		693.000		0.4813							
ST LUCIE 2	MUST		714.000		0.4936							
TURKEY POINT 3	MUST		693.000		0.4849							
ST LUCIE 1	MUST		839.000		0.4956							
BROWARD SOUTH 2			3.500		1.6200							
BROWARD NORTH 2			11.000		1.8500							
SJRPP 1 (OWN)			254.000		1.8500							
SJRPP 2 (PURCH)			382.000		1.8500							
CEDAR BAY			250.000		2.1400							
SCHERER 4			658.000		2.0100							
IND-TOWN			330.000		2.6100							
CC-(GREENFIELD)	2007		1103.000		4.8400							
CC-(GREENFIELD)	2008		1103.000		4.8400							
CC-(GREENFIELD)	2009		1103.000		4.8400							
CC-(GREENFIELD)	2010		1103.000		4.8400							
CC-(GREENFIELD)	2011		1103.000		4.8400							
CC-(GREENFIELD)	2014		1103.000		4.8400							
CC-(GREENFIELD)	2016		1103.000		4.8400							
CC-(GREENFIELD)	2018		1103.000		4.8400							
MARTIN 4			474.000		5.1800							
PSNREP 4			957.000		5.1800							
PSNREP 5			957.000		5.1800							
MARTIN 3			474.000		5.1800							
PFMREP 1 CT/CC			1473.043		5.1800							
FT LAUD 5			427.000		5.1800							
FT LAUD 4			427.000		5.1800							
RIVIERA 4			290.000		3.7500							
RIVIERA 3			283.000		3.7500							
PUTNAM 1			249.000		5.1800							
DSM-CONS	DHYDR		595.000		0.0000							

PUTNAM 2	249.000		
CAPE CAN 1	403.000		
TURKEY POINT 2	400.000		
TURKEY POINT 1	410.000		
EVERGLADES 3	390.000		
EVERGLADES 4	410.000		
SANFORD 3	142.000		
EVERGLADES 2	221.000		
ECONOM 1	210.000	HYDR	
MANATEE 2	810.000		

5.1800									
4.6200									
4.6400									
4.6400									
4.6000									
4.6000									
4.0400									
4.6000									
3.6600									
4.5600									

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2018

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST		
	INST						LODNG	CAPACITY	RATE	COST	FACTOR	PERCENT
	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH	
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-MART		318.000		5.1800								
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								
PFL 3-2 GT'S		210.000		7.4500								
TPDIESEL 1-5		12.000		7.4500								
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 2019

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST		
	INST						LODNG	CAPACITY	RATE	COST	FACTOR	PERCENT
	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	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
CC-(GREENFIELD) 2007		1103.000	4.9900
CC-(GREENFIELD) 2008		1103.000	4.9900
CC-(GREENFIELD) 2009		1103.000	4.9900
CC-(GREENFIELD) 2010		1103.000	4.9900
CC-(GREENFIELD) 2011		1103.000	4.9900
CC-(GREENFIELD) 2014		1103.000	4.9900
CC-(GREENFIELD) 2016		1103.000	4.9900
CC-(GREENFIELD) 2018		1103.000	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
FT LAUD 5		427.000	5.3300
FT LAUD 4		427.000	5.3300
RIVIERA 4		290.000	3.8300
RIVIERA 3		283.000	3.8300
PUTNAM 1		249.000	5.3300
DSM-CONS	DHYDR	595.000	0.0000
PUTNAM 2		249.000	5.3300
CAPE CAN 1		403.000	4.7400
TURKEY POINT 2		400.000	4.7600
TURKEY POINT 1		410.000	4.7600
EVERGLADES 3		390.000	4.7200
EVERGLADES 4		410.000	4.7200
SANFORD 3		142.000	4.1300
EVERGLADES 2		221.000	4.7200
MANATEE 2		810.000	4.6800
ECONOM 1	HYDR	210.000	3.6800

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PRODUCTION COST - ANNUAL BY UNITS REPORT

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PLAN 1 YEAR 2019

\* LOADING ORDER \*

UNIT NAME	ALT	RATED		HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST		
	INST	YEAR	LODNG	CAPACITY	RATE	COST		FACTOR	FUEL	O + M	O + M	K\$	\$/MWH
				MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH
MARTIN 2				816.000		4.9376							
CAPE CAN 2				403.000		4.7400							
MANATEE 1				815.000		4.6800							
EVERGLADES 1				221.000		4.7200							
DSM-LC			DHYDR	1392.000		0.0000							
MARTIN 1				824.000		4.9369							
2 ADV CT-MART				318.000		5.3300							
2 ADV CT-FT MY				318.000		5.3300							
CUTLER 6				144.000		5.3300							
CUTLER 5				71.000		5.3300							
PFM 2-4 GT'S				212.000		7.6000							
PFM 2-4 GT'S				212.000		7.6000							
PFM 2-4 GT'S				212.000		7.6000							
PPE 3-2 GT'S				210.000		7.6600							
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							
TPDIESEL 1-5				12.000		7.6600							
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 2020

\* 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\$
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							
CC- (GREENFIELD)	2007	1103.000		5.1400							
CC- (GREENFIELD)	2008	1103.000		5.1400							
CC- (GREENFIELD)	2009	1103.000		5.1400							
CC- (GREENFIELD)	2010	1103.000		5.1400							
CC- (GREENFIELD)	2011	1103.000		5.1400							
CC- (GREENFIELD)	2014	1103.000		5.1400							
CC- (GREENFIELD)	2016	1103.000		5.1400							
CC- (GREENFIELD)	2018	1103.000		5.1400							
MARTIN 4		474.000		5.4900							
PSNREP 4		957.000		5.4900							
PSNREP 5		957.000		5.4900							
MARTIN 3		474.000		5.4900							
PFMREP 1 CT/CC		1473.043		5.4900							
FT LAUD 5		427.000		5.4900							
FT LAUD 4		427.000		5.4900							
RIVIERA 4		290.000		3.9300							
RIVIERA 3		283.000		3.9300							
PUTNAM 1		249.000		5.4900							
PUTNAM 2		249.000		5.4900							
DSM-CONS	DHYDR	595.000		0.0000							
CAPE CAN 1		403.000		4.8700							
TURKEY POINT 2		400.000		4.8900							
TURKEY POINT 1		410.000		4.8900							
EVERGLADES 3		390.000		4.8500							
EVERGLADES 4		410.000		4.8500							

SANFORD 3 142.000 4.2400  
 EVERGLADES 2 221.000 4.8500  
 MANATEE 2 810.000 4.8100  
 ECONOM 1 HYDR 210.000 3.7100  
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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
MARTIN 2				816.000		5.0769							
CAPE CAN 2				403.000		4.8700							
MANATEE 1				815.000		4.8100							
EVERGLADES 1				221.000		4.8500							
MARTIN 1				824.000		5.0762							
DSM-LC			DHYDR	1392.000		0.0000							
2 ADV CT-MART				318.000		5.4900							
2 ADV CT-FT MY				318.000		5.4900							
CT		2020		159.000		5.9047							
CT		2020		159.000		5.9047							
CUTLER 6				144.000		5.4900							
CUTLER 5				71.000		5.4900							
PFM 2-4 GT'S				212.000		7.8200							
PFM 2-4 GT'S				212.000		7.8200							
PFM 2-4 GT'S				212.000		7.8200							
PPE 3-2 GT'S				210.000		7.8900							
PPE 3-2 GT'S				210.000		7.8900							
PFL 3-2 GT'S				210.000		7.8900							
PFL 3-2 GT'S				210.000		7.8900							
PFL 3-2 GT'S				210.000		7.8900							
PFL 3-2 GT'S				210.000		7.8900							
PFL 3-2 GT'S				210.000		7.8900							
TPDIESEL 1-5				12.000		7.8900							
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 IRP01 EGEAS BASECASE



PLAN 1 YEAR 2021

\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST						LODNG	YEAR	O + M	O + M	K\$
	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	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	1.9500
SJRPP 1 (OWN)		254.000	1.9400
SJRPP 2 (PURCH)		382.000	1.9400
CEDAR BAY		250.000	2.2500
SCHERER 4		658.000	2.1100
IND-TOWN		330.000	2.6800
CC- (GREENFIELD)	2007	1103.000	5.3000
CC- (GREENFIELD)	2008	1103.000	5.3000
CC- (GREENFIELD)	2009	1103.000	5.3000
CC- (GREENFIELD)	2010	1103.000	5.3000
CC- (GREENFIELD)	2011	1103.000	5.3000
CC- (GREENFIELD)	2014	1103.000	5.3000
CC- (GREENFIELD)	2016	1103.000	5.3000
CC- (GREENFIELD)	2018	1103.000	5.3000
MARTIN 4		474.000	5.6500
PSNREP 4		957.000	5.6500
PSNREP 5		957.000	5.6500
MARTIN 3		474.000	5.6500
PFMREP 1 CT/CC		1473.043	5.6500
FT LAUD 5		427.000	5.6500
FT LAUD 4		427.000	5.6500
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
MANATEE 2		810.000	4.9500
MARTIN 2		816.000	5.2232

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PLAN 1 YEAR 2021

\* LOADING ORDER \*

UNIT NAME	ALT	LODNG	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST	
	INST		CAPACITY	RATE	COST	FACTOR		FUEL	O + M	O + M	K\$	\$/MWH
	YEAR		MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	
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-MART			318.000		5.6500							
2 ADV CT-FT MY			318.000		5.6500							
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		8.0500							
PFM 2-4 GT'S			212.000		8.0500							
PPE 3-2 GT'S			210.000		8.1300							
PPE 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
PFL 3-2 GT'S			210.000		8.1300							
TPDIESEL 1-5			12.000		8.1300							
FC 3&65	2005				11.8600							

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 2022

\* LOADING ORDER \*

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

TURKEY POINT 3	MUST	693.000	0.4939
ST LUCIE 2	MUST	714.000	0.5064
TURKEY POINT 4	MUST	693.000	0.5083
ST LUCIE 1	MUST	839.000	0.5260
BROWARD SOUTH 2		3.500	1.7300
BROWARD NORTH 2		11.000	1.9800
SJRPP 1 (OWN)		254.000	1.9800
CEDAR BAY		250.000	2.2900
SCHERER 4		658.000	2.1400
IND-TOWN		330.000	2.7000
CC- (GREENFIELD) 2007		1103.000	5.4700
CC- (GREENFIELD) 2008		1103.000	5.4700
CC- (GREENFIELD) 2009		1103.000	5.4700
CC- (GREENFIELD) 2010		1103.000	5.4700
CC- (GREENFIELD) 2011		1103.000	5.4700
CC- (GREENFIELD) 2014		1103.000	5.4700
CC- (GREENFIELD) 2016		1103.000	5.4700
CC- (GREENFIELD) 2018		1103.000	5.4700
MARTIN 4		474.000	6.0100
PSNREP 4		957.000	6.0100
PSNREP 5		957.000	6.0100
MARTIN 3		474.000	6.0100
PFMREP 1 CT/CC		1473.043	6.0100
FT LAUD 5		427.000	6.0100
FT LAUD 4		427.000	6.0100
RIVIERA 4		290.000	4.1300
RIVIERA 3		283.000	4.1300
PUTNAM 1		249.000	6.0100
PUTNAM 2		249.000	6.0100
CAPE CAN 1		403.000	5.1500
TURKEY POINT 2		400.000	5.1700
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	5.1700
EVERGLADES 3		390.000	5.1300
EVERGLADES 4		410.000	5.1300
SANFORD 3		142.000	4.4700
EVERGLADES 2		221.000	5.1300
MANATEE 2		810.000	5.0900
CAPE CAN 2		403.000	5.1500

MANATEE 1 815.000 5.0900  
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PLAN 1 YEAR 2022 \* 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
ECONOM 1		HYDR	210.000		3.7500							
MARTIN 2			816.000		5.4317							
EVERGLADES 1			221.000		5.1300							
MARTIN 1			824.000		5.4307							
2 ADV CT-MART			318.000		6.0100							
2 ADV CT-FT MY			318.000		6.0100							
DSM-LC		DHYDR	1392.000		0.0000							
CT	2020		159.000		6.2307							
CT	2020		159.000		6.2307							
CUTLER 6			144.000		6.0100							
CUTLER 5			71.000		6.0100							
PFM 2-4 GT'S			212.000		8.2800							
PFM 2-4 GT'S			212.000		8.2800							
PFM 2-4 GT'S			212.000		8.2800							
PPE 3-2 GT'S			210.000		8.3700							
PPE 3-2 GT'S			210.000		8.3700							
PFL 3-2 GT'S			210.000		8.3700							
PFL 3-2 GT'S			210.000		8.3700							
PFL 3-2 GT'S			210.000		8.3700							
TPDIESEL 1-5			12.000		8.3700							
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 IRP01 EGEAS BASECASE 2/20/ 2 20:26:31

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PLAN 1 YEAR 2023

\* LOADING ORDER \*

UNIT NAME	ALT	RATED CAPACITY MW	HEAT	FUEL	CAPACITY	GENERATION GWH	VARIABLE		FIXED	PRODUCTION COST	
	INST YEAR		LODNG	RATE BTU/KWH	COST \$/MBTU		FACTOR PERCENT	FUEL K\$	O + M K\$	O + M K\$	K\$
TURKEY POINT 3		693.000		0.4959							
ST LUCIE 2		714.000		0.5086							
TURKEY POINT 4		693.000		0.5169							
ST LUCIE 1		839.000		0.5341							
BROWARD SOUTH 2		3.500		1.7600							
BROWARD NORTH 2		11.000		2.0100							
SJRPP 1 (OWN)		254.000		2.0100							
CEDAR BAY		250.000		2.3300							
SCHERER 4		658.000		2.1800							
IND-TOWN		330.000		2.7300							
CC- (GREENFIELD)	2007	1103.000		5.6400							
CC- (GREENFIELD)	2008	1103.000		5.6400							
CC- (GREENFIELD)	2009	1103.000		5.6400							
CC- (GREENFIELD)	2010	1103.000		5.6400							
CC- (GREENFIELD)	2011	1103.000		5.6400							
CC- (GREENFIELD)	2014	1103.000		5.6400							
CC- (GREENFIELD)	2016	1103.000		5.6400							
CC- (GREENFIELD)	2018	1103.000		5.6400							
MARTIN 4		474.000		6.2500							
PSNREP 4		957.000		6.2500							
PSNREP 5		957.000		6.2500							
MARTIN 3		474.000		6.2500							
PFMREP 1 CT/CC		1473.043		6.2500							
FT LAUD 5		427.000		6.2500							
FT LAUD 4		427.000		6.2500							
RIVIERA 4		290.000		4.2300							
RIVIERA 3		283.000		4.2300							
PUTNAM 1		249.000		6.2500							
PUTNAM 2		249.000		6.2500							
CAPE CAN 1		403.000		5.2900							
DSM-CONS	DHYDR	595.000		0.0000							
TURKEY POINT 2		400.000		5.3200							
TURKEY POINT 1		410.000		5.3200							
EVERGLADES 3		390.000		5.2700							
EVERGLADES 4		410.000		5.2700							

SANFORD 3	142.000	[REDACTED]	4.5900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EVERGLADES 2	221.000	[REDACTED]	5.2700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MANATEE 2	810.000	[REDACTED]	5.2300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CAPE CAN 2	403.000	[REDACTED]	5.2900	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ECONOM 1	HYDR 210.000	[REDACTED]	3.7800	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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PLAN    1      YEAR 2023      \* LOADING ORDER \*

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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
CC- (GREENFIELD) 2007		1103.000	5.8200
CC- (GREENFIELD) 2008		1103.000	5.8200
CC- (GREENFIELD) 2009		1103.000	5.8200
CC- (GREENFIELD) 2010		1103.000	5.8200
CC- (GREENFIELD) 2011		1103.000	5.8200
CC- (GREENFIELD) 2014		1103.000	5.8200
CC- (GREENFIELD) 2016		1103.000	5.8200
CC- (GREENFIELD) 2018		1103.000	5.8200
MARTIN 4		474.000	6.4300
PSNREP 4		957.000	6.4300
PSNREP 5		957.000	6.4300
MARTIN 3		474.000	6.4300
PFMREP 1 CT/CC		1473.043	6.4300
FT LAUD 5		427.000	6.4300
FT LAUD 4		427.000	6.4300
RIVIERA 4		290.000	4.3400
RIVIERA 3		283.000	4.3400
PUTNAM 1		249.000	6.4300
PUTNAM 2		249.000	6.4300
CAPE CAN 1		403.000	5.4400
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 2		400.000	5.4600
TURKEY POINT 1		410.000	5.4600
SANFORD 3		142.000	4.7100
EVERGLADES 3		390.000	5.4200
EVERGLADES 4		410.000	5.4200
EVERGLADES 2		221.000	5.4200
MANATEE 2		810.000	5.3800
CAPE CAN 2		403.000	5.4400
ECONOM 1	HYDR	210.000	3.8100

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PLAN 1 YEAR 2024 \* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST		
	INST						LODNG	CAPACITY	RATE	COST	FACTOR	PERCENT
	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GW	K\$	K\$	K\$	K\$	\$/MWH	
MANATEE 1		815.000		5.3800								
EVERGLADES 1		221.000		5.4200								
MARTIN 2		816.000		5.7622								
MARTIN 1		824.000		5.7610								
2 ADV CT-MART		318.000		6.4300								
DSM-LC		DHYDR 1392.000		0.0000								
2 ADV CT-FT MY		318.000		6.4300								
CT	2020	159.000		6.5789								
CT	2020	159.000		6.5789								
CUTLER 6		144.000		6.4300								
CUTLER 5		71.000		6.4300								
PFM 2-4 GT'S		212.000		8.7700								
PFM 2-4 GT'S		212.000		8.7700								
PFM 2-4 GT'S		212.000		8.7700								
PPE 3-2 GT'S		210.000		8.8900								
PPE 3-2 GT'S		210.000		8.8900								
PFL 3-2 GT'S		210.000		8.8900								
PFL 3-2 GT'S		210.000		8.8900								
PFL 3-2 GT'S		210.000		8.8900								
TPDIESEL 1-5		12.000		8.8900								
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 2025 \* 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		0.4999							
ST LUCIE 2	MUST		714.000		0.5129							
TURKEY POINT 4	MUST		693.000		0.5346							
ST LUCIE 1	MUST		839.000		0.5508							
BROWARD SOUTH 2			3.500		1.8200							
BROWARD NORTH 2			11.000		2.0800							
SJRPP 1 (OWN)			254.000		2.0800							
SCHERER 4			658.000		2.2500							
IND-TOWN			330.000		2.7800							
CC- (GREENFIELD)	2007		1103.000		6.0000							
CC- (GREENFIELD)	2008		1103.000		6.0000							
CC- (GREENFIELD)	2009		1103.000		6.0000							
CC- (GREENFIELD)	2010		1103.000		6.0000							
CC- (GREENFIELD)	2011		1103.000		6.0000							
CC- (GREENFIELD)	2014		1103.000		6.0000							
CC- (GREENFIELD)	2016		1103.000		6.0000							
CC- (GREENFIELD)	2018		1103.000		6.0000							
MARTIN 4			474.000		6.6100							
PSNREP 4			957.000		6.6100							
PSNREP 5			957.000		6.6100							
MARTIN 3			474.000		6.6100							
PFMREP 1 CT/CC			1473.043		6.6100							
FT LAUD 5			427.000		6.6100							
FT LAUD 4			427.000		6.6100							
RIVIERA 4			290.000		4.4500							
RIVIERA 3			283.000		4.4500							
PUTNAM 1			249.000		6.6100							
PUTNAM 2			249.000		6.6100							
CAPE CAN 1			403.000		5.6000							
TURKEY POINT 2			400.000		5.6200							
SANFORD 3			142.000		4.8300							
DSM-CONS	DHYDR		595.000		0.0000							
TURKEY POINT 1			410.000		5.6200							
EVERGLADES 3			390.000		5.5700							
EVERGLADES 4			410.000		5.5700							
EVERGLADES 2			221.000		5.5700							

MANATEE 2 810.000 [REDACTED] 5.5300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
 CAPE CAN 2 403.000 [REDACTED] 5.6000 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
 MANATEE 1 815.000 [REDACTED] 5.5300 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
 ECONOM 1 HYDR 210.000 [REDACTED] 3.8400 [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
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PLAN 1 YEAR 2025 \* 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 1				221.000	[REDACTED]	5.5700	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 2				816.000	[REDACTED]	5.9284	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MARTIN 1				824.000	[REDACTED]	5.9272	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-MART				318.000	[REDACTED]	6.6100	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2 ADV CT-FT MY				318.000	[REDACTED]	6.6100	[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]
PFM 2-4 GT'S				212.000	[REDACTED]	9.0300	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S				210.000	[REDACTED]	9.1600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PPE 3-2 GT'S				210.000	[REDACTED]	9.1600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S				210.000	[REDACTED]	9.1600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S				210.000	[REDACTED]	9.1600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S				210.000	[REDACTED]	9.1600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PFL 3-2 GT'S				210.000	[REDACTED]	9.1600	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TPDIESEL 1-5				12.000	[REDACTED]	9.1600	[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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 PLAN 1 YEAR 2026

\* 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]	0.5019	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 2	MUST		714.000	[REDACTED]	0.5151	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TURKEY POINT 4	MUST		693.000	[REDACTED]	0.5436	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ST LUCIE 1	MUST		839.000	[REDACTED]	0.5593	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
BROWARD SOUTH 2			3.500	[REDACTED]	1.8500	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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BROWARD NORTH 2		11.000	2.1200
SJRPP 1 (OWN)		254.000	2.1200
SCHERER 4		658.000	2.2900
CC- (GREENFIELD)	2007	1103.000	6.1900
CC- (GREENFIELD)	2008	1103.000	6.1900
CC- (GREENFIELD)	2009	1103.000	6.1900
CC- (GREENFIELD)	2010	1103.000	6.1900
CC- (GREENFIELD)	2011	1103.000	6.1900
CC- (GREENFIELD)	2014	1103.000	6.1900
CC- (GREENFIELD)	2016	1103.000	6.1900
CC- (GREENFIELD)	2018	1103.000	6.1900
MARTIN 4		474.000	6.8000
PSNREP 4		957.000	6.8000
PSNREP 5		957.000	6.8000
MARTIN 3		474.000	6.8000
PFMREP 1 CT/CC		1473.043	6.8000
FT LAUD 5		427.000	6.8000
FT LAUD 4		427.000	6.8000
RIVIERA 4		290.000	4.5600
RIVIERA 3		283.000	4.5600
PUTNAM 1		249.000	6.8000
CAPE CAN 1		403.000	5.7500
PUTNAM 2		249.000	6.8000
SANFORD 3		142.000	4.9600
TURKEY POINT 2		400.000	5.7800
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	5.7800
EVERGLADES 3		390.000	5.7300
EVERGLADES 4		410.000	5.7300
EVERGLADES 2		221.000	5.7300
MANATEE 2		810.000	5.6900
CAPE CAN 2		403.000	5.7500
MANATEE 1		815.000	5.6900
EVERGLADES 1		221.000	5.7300
ECONOM 1	HYDR	210.000	3.8700

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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	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH	
MARTIN 2		816.000		6.0978								
MARTIN 1		824.000		6.0966								
2 ADV CT-MART		318.000		6.8000								
2 ADV CT-FT MY		318.000		6.8000								
CT	2020	159.000		6.9513								
DSM-LC		DHYDR 1392.000		0.0000								
CT	2020	159.000		6.9513								
CUTLER 6		144.000		6.8000								
CUTLER 5		71.000		6.8000								
PFM 2-4 GT'S		212.000		9.3000								
PFM 2-4 GT'S		212.000		9.3000								
PFM 2-4 GT'S		212.000		9.3000								
PPE 3-2 GT'S		210.000		9.4400								
PPE 3-2 GT'S		210.000		9.4400								
PFL 3-2 GT'S		210.000		9.4400								
PFL 3-2 GT'S		210.000		9.4400								
PFL 3-2 GT'S		210.000		9.4400								
TPDIESEL 1-5		12.000		9.4400								
FC 3&65	2005	465.000		13.5900								

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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\* LOADING ORDER \*

UNIT NAME	ALT	RATED	HEAT	FUEL	CAPACITY	GENERATION	VARIABLE		FIXED	PRODUCTION COST		
	INST						LODNG	CAPACITY	RATE	COST	FACTOR	PERCENT
YEAR	YEAR	MW	BTU/KWH	\$/MBTU	PERCENT	GWH	K\$	K\$	K\$	K\$	\$/MWH	
TURKEY POINT 3		MUST 693.000		0.5040								
ST LUCIE 2		MUST 714.000		0.5173								
TURKEY POINT 4		MUST 693.000		0.5528								

ST LUCIE 1	MUST	839.000	0.5679
SJRPP 1 (OWN)		254.000	2.1600
SCHERER 4		658.000	2.3200
CC-(GREENFIELD) 2007		1103.000	6.3800
CC-(GREENFIELD) 2008		1103.000	6.3800
CC-(GREENFIELD) 2009		1103.000	6.3800
CC-(GREENFIELD) 2010		1103.000	6.3800
CC-(GREENFIELD) 2011		1103.000	6.3800
CC-(GREENFIELD) 2014		1103.000	6.3800
CC-(GREENFIELD) 2016		1103.000	6.3800
CC-(GREENFIELD) 2018		1103.000	6.3800
MARTIN 4		474.000	7.0000
PSNREP 4		957.000	7.0000
PSNREP 5		957.000	7.0000
MARTIN 3		474.000	7.0000
PFMREP 1 CT/CC		1473.043	7.0000
FT LAUD 5		427.000	7.0000
FT LAUD 4		427.000	7.0000
RIVIERA 4		290.000	4.6800
RIVIERA 3		283.000	4.6800
PUTNAM 1		249.000	7.0000
CAPE CAN 1		403.000	5.9200
SANFORD 3		142.000	5.0900
PUTNAM 2		249.000	7.0000
TURKEY POINT 2		400.000	5.9400
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	5.9400
EVERGLADES 3		390.000	5.9000
EVERGLADES 4		410.000	5.9000
EVERGLADES 2		221.000	5.9000
MANATEE 2		810.000	5.8500
CAPE CAN 2		403.000	5.9200
MANATEE 1		815.000	5.8500
EVERGLADES 1		221.000	5.9000
ECONOM 1	HYDR	210.000	3.9100
MARTIN 2		816.000	6.2703
MARTIN 1		824.000	6.2690

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PLAN 1 YEAR 2027

\* 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\$
2 ADV CT-MART		318.000		7.0000							
2 ADV CT-FT MY		318.000		7.0000							
CT	2020	159.000		7.1465							
CT	2020	159.000		7.1465							
DSM-LC		DHYDR 1392.000		0.0000							
CUTLER 6		144.000		7.0000							
CUTLER 5		71.000		7.0000							
PFM 2-4 GT'S		212.000		9.5700							
PFM 2-4 GT'S		212.000		9.5700							
PFM 2-4 GT'S		212.000		9.5700							
PPE 3-2 GT'S		210.000		9.7300							
PPE 3-2 GT'S		210.000		9.7300							
PFL 3-2 GT'S		210.000		9.7300							
PFL 3-2 GT'S		210.000		9.7300							
PFL 3-2 GT'S		210.000		9.7300							
PFL 3-2 GT'S		210.000		9.7300							
TPDIESEL 1-5		12.000		9.7300							
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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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\$
TURKEY POINT 3		MUST 693.000		0.5060							
ST LUCIE 2		MUST 714.000		0.5195							
TURKEY POINT 4		MUST 693.000		0.5622							

ST LUCIE 1	MUST	839.000	0.5767
SJRPP 1 (OWN)		254.000	2.1900
SCHERER 4		658.000	2.3600
CC- (GREENFIELD)	2007	1103.000	6.5900
CC- (GREENFIELD)	2008	1103.000	6.5900
CC- (GREENFIELD)	2009	1103.000	6.5900
CC- (GREENFIELD)	2010	1103.000	6.5900
CC- (GREENFIELD)	2011	1103.000	6.5900
CC- (GREENFIELD)	2014	1103.000	6.5900
CC- (GREENFIELD)	2016	1103.000	6.5900
CC- (GREENFIELD)	2018	1103.000	6.5900
MARTIN 4		474.000	7.2000
PSNREP 4		957.000	7.2000
PSNREP 5		957.000	7.2000
MARTIN 3		474.000	7.2000
PFMREP 1 CT/CC		1473.043	7.2000
FT LAUD 5		427.000	7.2000
FT LAUD 4		427.000	7.2000
RIVIERA 4		290.000	4.8000
RIVIERA 3		283.000	4.8000
PUTNAM 1		249.000	7.2000
CAPE CAN 1		403.000	6.0900
SANFORD 3		142.000	5.2300
PUTNAM 2		249.000	7.2000
TURKEY POINT 2		400.000	6.1100
DSM-CONS	DHYDR	595.000	0.0000
TURKEY POINT 1		410.000	6.1100
EVERGLADES 3		390.000	6.0600
EVERGLADES 4		410.000	6.0600
EVERGLADES 2		221.000	6.0600
MANATEE 2		810.000	6.0200
CAPE CAN 2		403.000	6.0900
MANATEE 1		815.000	6.0200
EVERGLADES 1		221.000	6.0600
ECONOM 1	HYDR	210.000	3.9500
MARTIN 2		816.000	6.4496
MARTIN 1		824.000	6.4483

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PLAN 1 YEAR 2028

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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
2 ADV CT-MART			318.000	[REDACTED]	7.2000	[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	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	7.2000
CUTLER 5	71.000	7.2000
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							
CC- (GREENFIELD)	2007		1103.000		6.7900							
CC- (GREENFIELD)	2008		1103.000		6.7900							
CC- (GREENFIELD)	2009		1103.000		6.7900							
CC- (GREENFIELD)	2010		1103.000		6.7900							
CC- (GREENFIELD)	2011		1103.000		6.7900							
CC- (GREENFIELD)	2014		1103.000		6.7900							
CC- (GREENFIELD)	2016		1103.000		6.7900							
CC- (GREENFIELD)	2018		1103.000		6.7900							

MARTIN 4		474.000		7.4100							
PSNREP 4		957.000		7.4100							
PSNREP 5		957.000		7.4100							
MARTIN 3		474.000		7.4100							
PFMREP 1 CT/CC		1473.043		7.4100							
FT LAUD 5		427.000		7.4100							
FT LAUD 4		427.000		7.4100							
RIVIERA 4		290.000		4.9200							
RIVIERA 3		283.000		4.9200							
CAPE CAN 1		403.000		6.2600							
PUTNAM 1		249.000		7.4100							
SANFORD 3		142.000		5.3700							
TURKEY POINT 2		400.000		6.2800							
PUTNAM 2		249.000		7.4100							
DSM-CONS	DHYDR	595.000		0.0000							
TURKEY POINT 1		410.000		6.2800							
EVERGLADES 3		390.000		6.2400							
EVERGLADES 4		410.000		6.2400							
EVERGLADES 2		221.000		6.2400							
MANATEE 2		810.000		6.1900							
CAPE CAN 2		403.000		6.2600							
MANATEE 1		815.000		6.1900							
EVERGLADES 1		221.000		6.2400							
ECONOM 1	HYDR	210.000		3.9900							
MARTIN 2		816.000		6.6321							
MARTIN 1		824.000		6.6307							

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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
2 ADV CT-MART			318.000		7.4100							
2 ADV CT-FT MY			318.000		7.4100							
CT	2020		159.000		7.5553							
CT	2020		159.000		7.5553							
DSM-LC		DHYDR	1392.000		0.0000							

CUTLER 6		144.000	7.4100
CUTLER 5		71.000	7.4100
PFM 2-4 GT'S		212.000	10.1500
PFM 2-4 GT'S		212.000	10.1500
PFM 2-4 GT'S		212.000	10.1500
PPE 3-2 GT'S		210.000	10.3400
PPE 3-2 GT'S		210.000	10.3400
PFL 3-2 GT'S		210.000	10.3400
PFL 3-2 GT'S		210.000	10.3400
PFL 3-2 GT'S		210.000	10.3400
PFL 3-2 GT'S		210.000	10.3400
TPDIESEL 1-5		12.000	10.3400
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 2030

\* 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		0.5101							
ST LUCIE 2		MUST	714.000		0.5239							
TURKEY POINT 4		MUST	693.000		0.5814							
ST LUCIE 1		MUST	839.000		0.5946							
SJRPP 1 (OWN)			254.000		2.2700							
SCHERER 4			658.000		2.4400							
CC- (GREENFIELD)	2007		1103.000		7.0100							
CC- (GREENFIELD)	2008		1103.000		7.0100							
CC- (GREENFIELD)	2009		1103.000		7.0100							
CC- (GREENFIELD)	2010		1103.000		7.0100							
CC- (GREENFIELD)	2011		1103.000		7.0100							
CC- (GREENFIELD)	2014		1103.000		7.0100							
CC- (GREENFIELD)	2016		1103.000		7.0100							
CC- (GREENFIELD)	2018		1103.000		7.0100							



CUTLER 5	71.000	7.6200
DSM-LC	DHYDR 1392.000	0.0000
PFM 2-4 GT'S	212.000	10.4600
PFM 2-4 GT'S	212.000	10.4600
PFM 2-4 GT'S	212.000	10.4600
PPE 3-2 GT'S	210.000	10.6700
PPE 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
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 ENERGY-- GWH	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	24549.1	20.09	24794.7	0.01	0.000001	24759.1	0.0	0.00
2006	21186.0	115601.9	25095.1	20.09	25340.7	0.01	0.000001	25305.1	0.0	0.00
2007	21556.0	118156.9	25829.1	21.64	26074.7	0.01	0.000001	26039.1	0.0	0.00
2008	21870.0	120548.9	26335.6	22.35	26581.2	0.01	0.000001	26545.6	0.0	0.00
2009	22271.0	122921.9	27164.0	24.09	27409.6	0.00	0.000000	27374.0	0.0	0.00
2010	22687.0	125447.9	27318.5	22.37	27564.1	0.00	0.000001	27528.5	0.0	0.00
2011	23106.0	127511.9	28378.5	24.97	28624.1	0.00	0.000000	28588.5	0.0	0.00
2012	23495.0	128964.9	28378.5	22.71	28624.1	0.00	0.000000	28588.5	0.0	0.00
2013	23887.0	130433.9	28378.5	20.51	28624.1	0.01	0.000001	28588.5	0.0	0.00
2014	24294.0	132013.9	29481.5	23.26	29727.1	0.00	0.000000	29691.5	0.0	0.00
2015	24696.0	133570.9	29481.5	21.07	29727.1	0.01	0.000001	29691.5	0.0	0.00
2016	25110.0	135222.9	30284.5	22.38	30530.1	0.00	0.000000	30494.5	0.0	0.00
2017	25489.0	136988.9	30284.5	20.40	30530.1	0.01	0.000001	30494.5	0.0	0.00



2018	25890.0	138628.9	31387.5	23.00	31633.1	0.00	0.000000	31597.5	0.0	0.00
2019	26267.0	140152.9	31387.5	21.09	31633.1	0.00	0.000001	31597.5	0.0	0.00
2020	26680.0	141532.9	31705.5	20.35	31951.1	0.01	0.000001	31915.5	0.0	0.00
2021	27100.0	142925.9	31705.5	18.34	31951.1	0.01	0.000001	31915.5	0.0	0.00
2022	27100.0	142925.9	31323.5	16.82	31569.1	0.03	0.000003	31533.5	0.1	0.00
2023	27100.0	142925.9	31323.5	16.82	31569.1	0.03	0.000003	31533.5	0.0	0.00
2024	27100.0	142925.9	31323.5	16.82	31569.1	0.03	0.000003	31533.5	0.0	0.00
2025	27100.0	142925.9	31073.5	15.82	31319.1	0.05	0.000005	31283.5	0.1	0.00
2026	27100.0	142925.9	30743.5	14.51	30989.1	0.08	0.000010	30953.5	0.1	0.00
2027	27100.0	142925.9	30729.0	14.45	30974.6	0.08	0.000010	30939.0	0.1	0.00
2028	27100.0	142925.9	30729.0	14.45	30974.6	0.08	0.000010	30939.0	0.1	0.00
2029	27100.0	142925.9	30729.0	14.45	30974.6	0.08	0.000010	30939.0	0.1	0.00
2030	27100.0	142925.9	30264.0	12.60	30509.6	0.21	0.000024	30474.0	0.4	0.00

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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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RESERVE - ANNUAL REPORT

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PLAN 1

YEAR	-----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	22899.1	0.0	0.0	22899.1	20.09
2006	21186.0	0.0	-1729.0	19457.0	23366.1	0.0	0.0	23366.1	20.09
2007	21556.0	0.0	-1807.0	19749.0	24022.1	0.0	0.0	24022.1	21.64
2008	21870.0	0.0	-1886.0	19984.0	24449.6	0.0	0.0	24449.6	22.35
2009	22271.0	0.0	-1962.0	20309.0	25202.0	0.0	0.0	25202.0	24.09
2010	22687.0	0.0	-1985.0	20702.0	25333.5	0.0	0.0	25333.5	22.37
2011	23106.0	0.0	-1987.0	21119.0	26391.5	0.0	0.0	26391.5	24.97
2012	23495.0	0.0	-1987.0	21508.0	26391.5	0.0	0.0	26391.5	22.71
2013	23887.0	0.0	-1987.0	21900.0	26391.5	0.0	0.0	26391.5	20.51
2014	24294.0	0.0	-1987.0	22307.0	27494.5	0.0	0.0	27494.5	23.26
2015	24696.0	0.0	-1987.0	22709.0	27494.5	0.0	0.0	27494.5	21.07
2016	25110.0	0.0	-1987.0	23123.0	28297.5	0.0	0.0	28297.5	22.38
2017	25489.0	0.0	-1987.0	23502.0	28297.5	0.0	0.0	28297.5	20.40
2018	25890.0	0.0	-1987.0	23903.0	29400.5	0.0	0.0	29400.5	23.00
2019	26267.0	0.0	-1987.0	24280.0	29400.5	0.0	0.0	29400.5	21.09
2020	26680.0	0.0	-1987.0	24693.0	29718.5	0.0	0.0	29718.5	20.35
2021	27100.0	0.0	-1987.0	25113.0	29718.5	0.0	0.0	29718.5	18.34
2022	27100.0	0.0	-1987.0	25113.0	29336.5	0.0	0.0	29336.5	16.82
2023	27100.0	0.0	-1987.0	25113.0	29336.5	0.0	0.0	29336.5	16.82
2024	27100.0	0.0	-1987.0	25113.0	29336.5	0.0	0.0	29336.5	16.82
2025	27100.0	0.0	-1987.0	25113.0	29086.5	0.0	0.0	29086.5	15.82
2026	27100.0	0.0	-1987.0	25113.0	28756.5	0.0	0.0	28756.5	14.51
2027	27100.0	0.0	-1987.0	25113.0	28742.0	0.0	0.0	28742.0	14.45
2028	27100.0	0.0	-1987.0	25113.0	28742.0	0.0	0.0	28742.0	14.45
2029	27100.0	0.0	-1987.0	25113.0	28742.0	0.0	0.0	28742.0	14.45
2030	27100.0	0.0	-1987.0	25113.0	28277.0	0.0	0.0	28277.0	12.60

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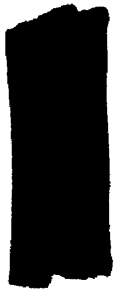
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PLAN 1 YEAR 2001

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							
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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PLAN 1 YEAR 2001

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							
FPC PURCHASE		50.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		894.000							

00393

PLAN 1 YEAR 2002

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							
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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PLAN 1 YEAR 2002

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							00395
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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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
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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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2003

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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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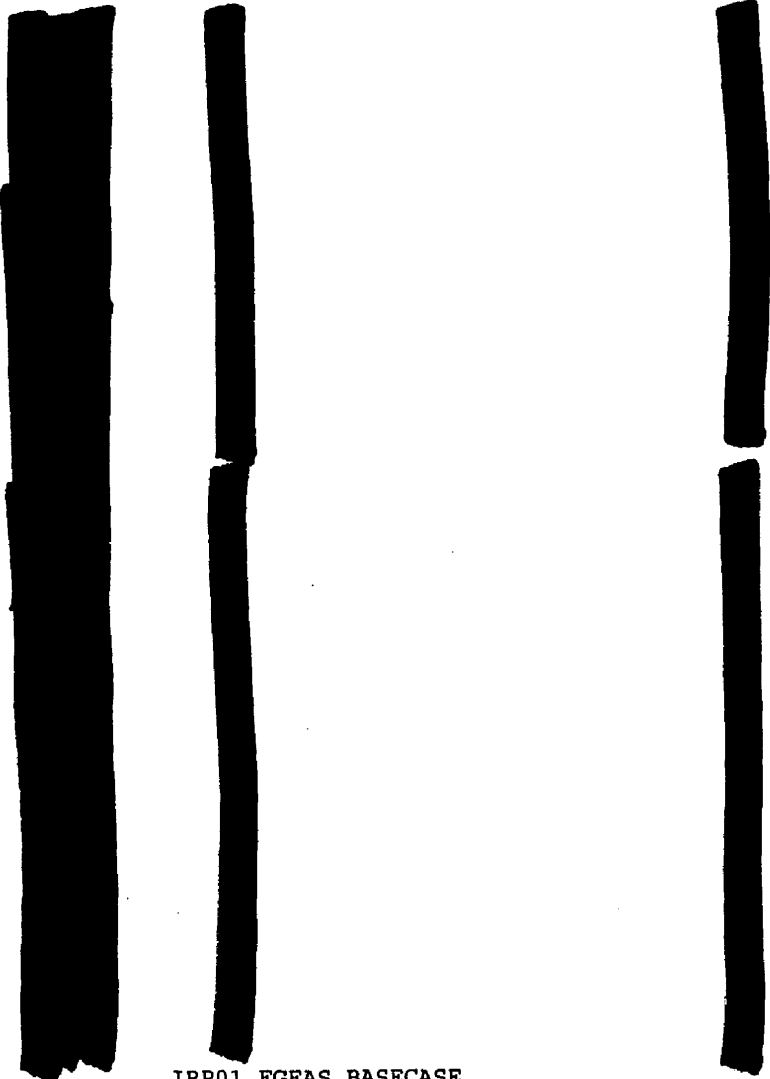
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PLAN 1 YEAR 2004

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00398

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



00399

PLAN 1 YEAR 2004

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							
IELECTRIC POWER RESEARCH INSTITUTE									
				IRP01 EGEAS BASECASE				2/20/ 2	20:26:31

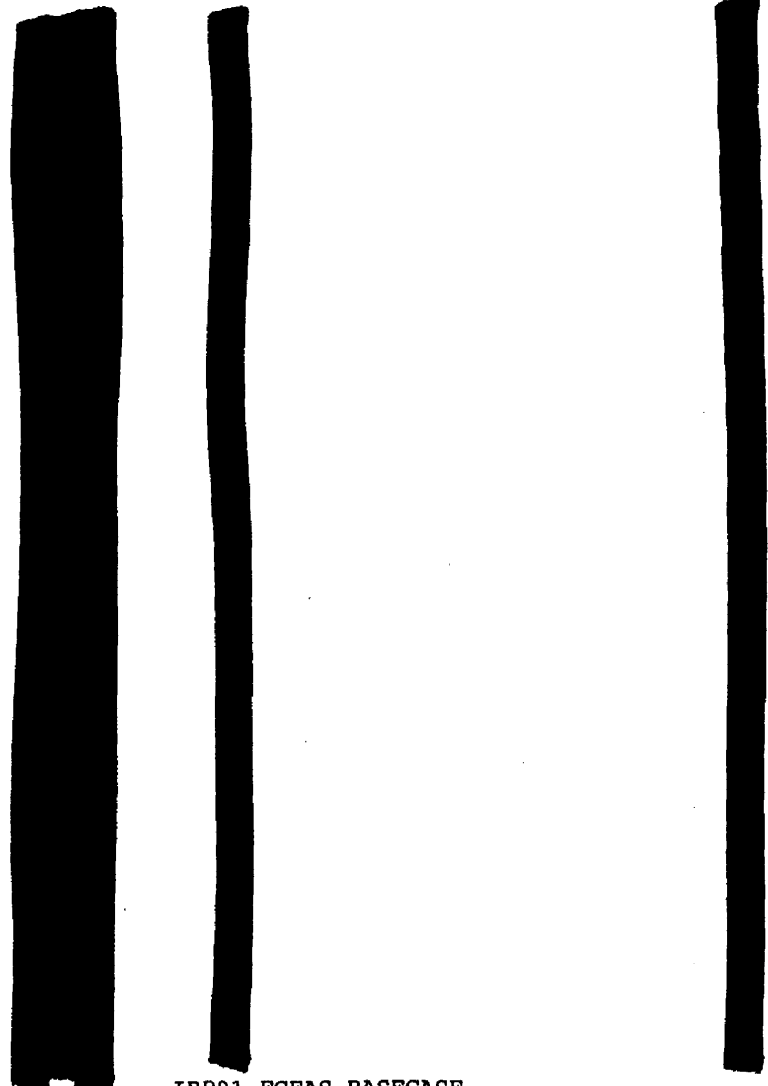
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PLAN 1 YEAR 2005

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00400

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



00401

PLAN 1 YEAR 2005

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00402

BROWARD SOUTH 1 50.600  
 BROWARD SOUTH 2 3.500  
 2 ADV CT-MART 318.000  
 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 38&49 2005 150.000  
  
 FC 19&58 2005 478.200  
 FC 19&58 DF 2005 47.300



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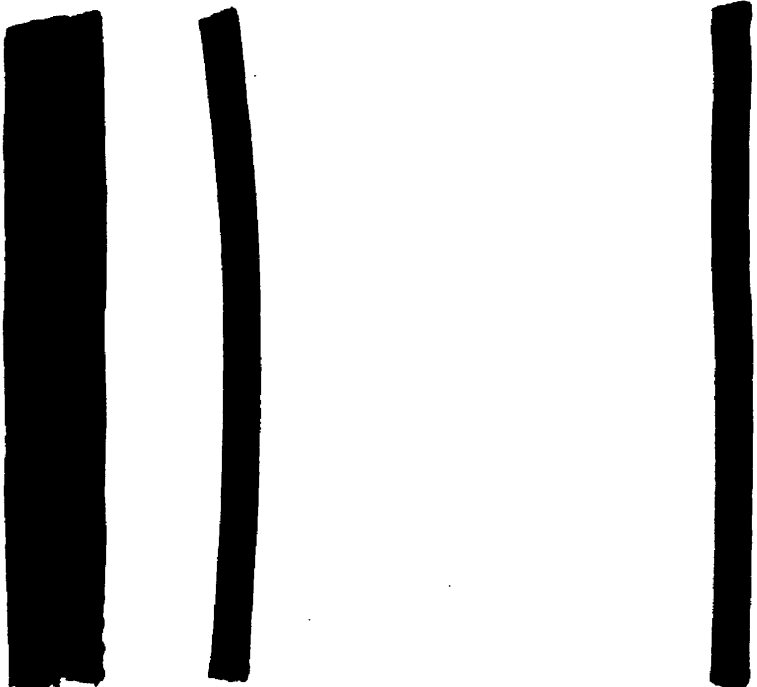
PLAN 1 YEAR 2006

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							



00403

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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00404

BROWARD SOUTH 1 50.600  
 BROWARD SOUTH 2 3.500  
 2 ADV CT-MART 318.000  
 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 16&71 2006 300.000  
 FC 38&49 2005 150.000  
  
 FC 39&72 2006 300.000  
 FC 19&58 2005 478.200  
 FC 19&58 DF 2005 47.300



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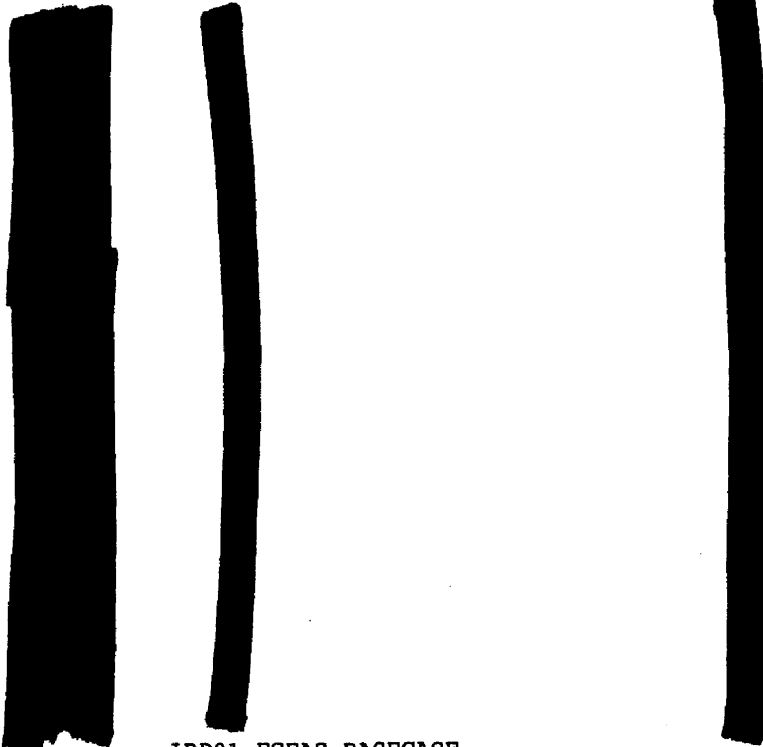
PLAN 1 YEAR 2007

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00405



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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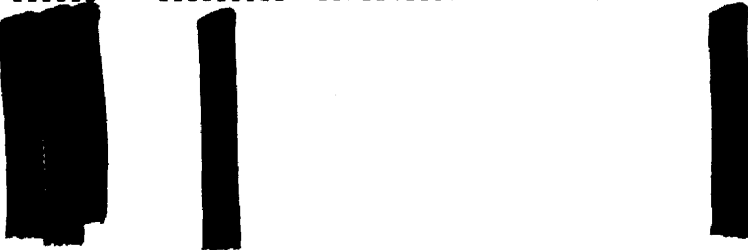
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PLAN 1 YEAR 2007

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....	.....MAINTENANCE 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			



00406

BROWARD NORTH 1 45.000  
 BROWARD NORTH 2 11.000  
 BROWARD SOUTH 1 50.600  
  
 BROWARD SOUTH 2 3.500  
 2 ADV CT-MART 318.000  
 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 16&71 2006 300.000  
 FC 38&49 2005 150.000  
 FC 39&72 2006 300.000  
  
 FC 19&58 2005 478.200  
 FC 19&58 DF 2005 47.300  
 CC-(GREENFIELD) 2007 1103.000

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PLAN 1 YEAR 2008

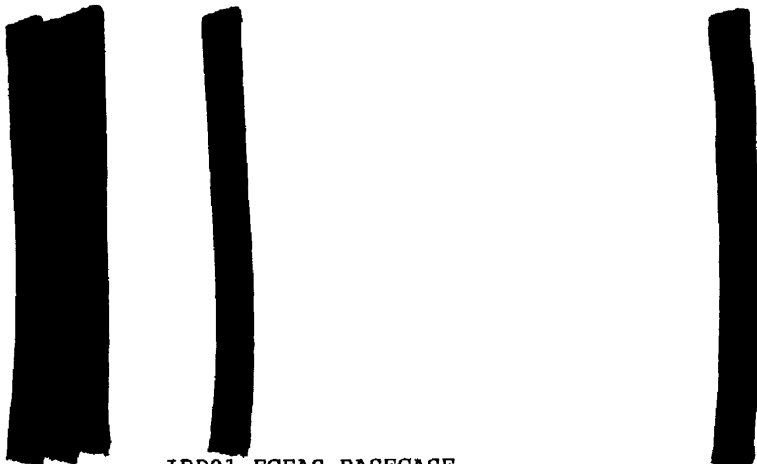
UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1380.000							
DSM-CONS		506.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000							
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							

00407

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 2008

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							

00409

PSNREP 5 957.000  
 FC 3&65 2005 465.000  
 FC 16&71 2006 300.000  
 FC 39&72 2006 300.000  
 CC-(GREENFIELD) 2007 1103.000

CC-(GREENFIELD) 2008 1103.000

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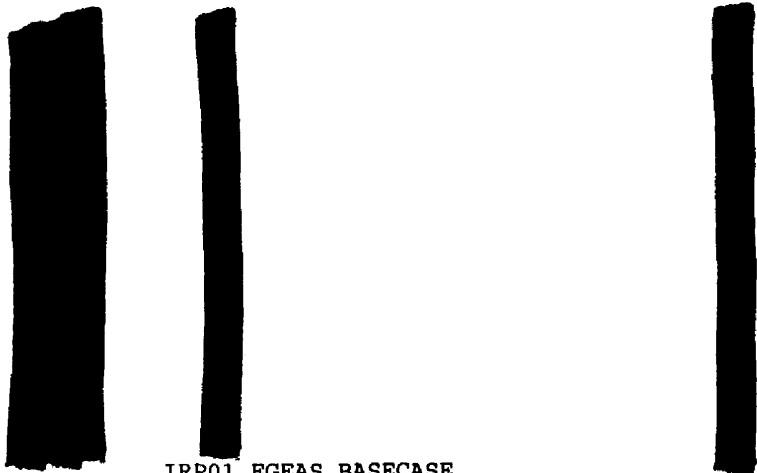
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PLAN 1 YEAR 2009

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				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							

00410

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 2009

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							
PSNREP 4		957.000							
PSNREP 5		957.000							

00411

FC 3&65 2005 465.000  
 FC 39&72 2006 300.000  
 CC- (GREENFIELD) 2007 1103.000  
 CC- (GREENFIELD) 2008 1103.000  
 CC- (GREENFIELD) 2009 1103.000

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PLAN 1 YEAR 2010

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00412

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 2010

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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 39&72	2006	300.000							
CC- (GREENFIELD)	2007	1103.000							
CC- (GREENFIELD)	2008	1103.000							

00413



CC-(GREENFIELD) 2009 1103.000  
CC-(GREENFIELD) 2010 1103.000  
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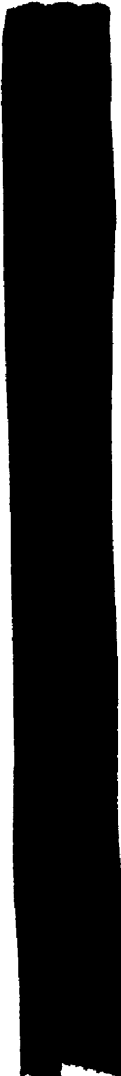
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PLAN 1 YEAR 2011

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....	.....MAINTENANCE 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			

00414

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

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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 39&72	2006	300.000							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							
CC-(GREENFIELD)	2011	1103.000							
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PLAN 1 YEAR 2012

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00416

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 2012

PLAN ALT RATED FORCED

00417

UNIT NAME	INSTALL YEAR	CAPACITY MW	OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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 39&72	2006	300.000							
CC- (GREENFIELD)	2007	1103.000							
CC- (GREENFIELD)	2008	1103.000							
CC- (GREENFIELD)	2009	1103.000							
CC- (GREENFIELD)	2010	1103.000							
CC- (GREENFIELD)	2011	1103.000							
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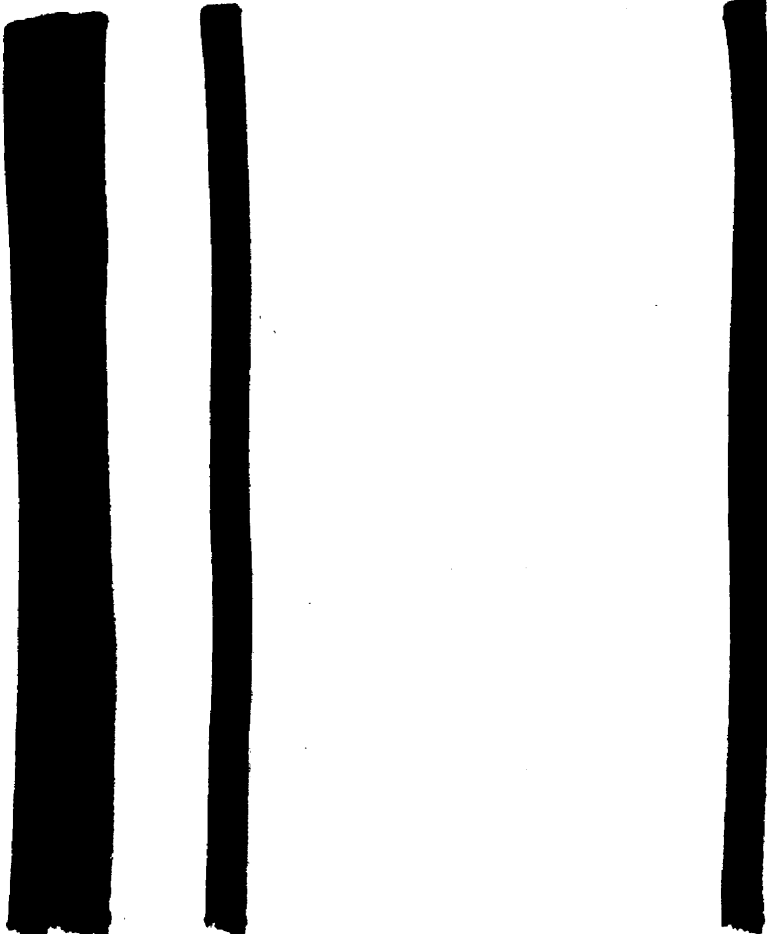
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PLAN 1 YEAR 2013

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00418

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 2013

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....	.....MAINTENANCE 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-MART		318.000
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 39&72	2006	300.000
CC-(GREENFIELD)	2007	1103.000

CC- (GREENFIELD) 2008 1103.000  
 CC- (GREENFIELD) 2009 1103.000  
 CC- (GREENFIELD) 2010 1103.000  
 CC- (GREENFIELD) 2011 1103.000

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PLAN 1 YEAR 2014

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	..... MAINTENANCE PERIOD 1 .....			..... MAINTENANCE 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							

00421



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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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 39&72	2006	300.000							
CC- (GREENFIELD)	2007	1103.000							
CC- (GREENFIELD)	2008	1103.000							
CC- (GREENFIELD)	2009	1103.000							

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CC- (GREENFIELD) 2010 1103.000  
 CC- (GREENFIELD) 2011 1103.000  
 CC- (GREENFIELD) 2014 1103.000

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PLAN 1 YEAR 2015

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00423

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 2015

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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 39&72	2006	300.000							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							
CC-(GREENFIELD)	2011	1103.000							

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CC- (GREENFIELD) 2014 1103.000 0.0400  
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PLAN 1 YEAR 2016

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00425

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 2016

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							
CC-(GREENFIELD)	2011	1103.000							
CC-(GREENFIELD)	2014	1103.000							
CC-(GREENFIELD)	2016	1103.000							

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PLAN 1 YEAR 2017

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00427

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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC- (GREENFIELD)	2007	1103.000							
CC- (GREENFIELD)	2008	1103.000							
CC- (GREENFIELD)	2009	1103.000							
CC- (GREENFIELD)	2010	1103.000							
CC- (GREENFIELD)	2011	1103.000							
CC- (GREENFIELD)	2014	1103.000							
CC- (GREENFIELD)	2016	1103.000							

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PLAN 1 YEAR 2018

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00429



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 2018

PLAN ALT RATED FORCED

00430

UNIT NAME	INSTALL YEAR	CAPACITY MW	OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							
CC-(GREENFIELD)	2011	1103.000							
CC-(GREENFIELD)	2014	1103.000							
CC-(GREENFIELD)	2016	1103.000							
CC-(GREENFIELD)	2018	1103.000		0					
ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE			2/20/ 2 20:26:31		

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PLAN 1 YEAR 2019

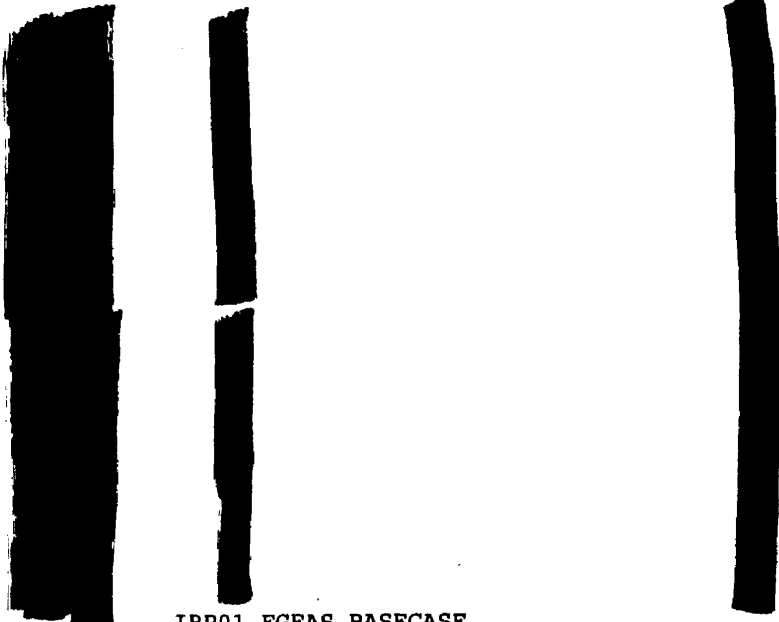
UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000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

00431

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

00432

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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							

00433

PSNREP	4	957.000
PSNREP	5	957.000
FC 3&65	2005	465.000
CC- (GREENFIELD)	2007	1103.000
CC- (GREENFIELD)	2008	1103.000
CC- (GREENFIELD)	2009	1103.000
CC- (GREENFIELD)	2010	1103.000
CC- (GREENFIELD)	2011	1103.000
CC- (GREENFIELD)	2014	1103.000
CC- (GREENFIELD)	2016	1103.000

CC- (GREENFIELD) 2018 1103.000  
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PLAN 1 YEAR 2020

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00434

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 2020

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							

00435

PSNREP	4	957.000
PSNREP	5	957.000
FC 3&65	2005	465.000
CC- (GREENFIELD)	2007	1103.000
CC- (GREENFIELD)	2008	1103.000
CC- (GREENFIELD)	2009	1103.000
CC- (GREENFIELD)	2010	1103.000
CC- (GREENFIELD)	2011	1103.000
CC- (GREENFIELD)	2014	1103.000
CC- (GREENFIELD)	2016	1103.000
CC- (GREENFIELD)	2018	1103.000
CT	2020	159.000
CT	2020	159.000



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PLAN 1 YEAR 2021

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							



00436

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 2021

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
2 ADV CT-FT MY		318.000							

00437



PFMREP	1 CT/CC		1473.043
PSNREP	4		957.000
PSNREP	5		957.000
FC 3&65		2005	465.000
CC- (GREENFIELD)		2007	1103.000
CC- (GREENFIELD)		2008	1103.000
CC- (GREENFIELD)		2009	1103.000
CC- (GREENFIELD)		2010	1103.000
CC- (GREENFIELD)		2011	1103.000
CC- (GREENFIELD)		2014	1103.000
CC- (GREENFIELD)		2016	1103.000

CC- (GREENFIELD) 2018 1103.000  
 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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00439

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 2022

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							
CC-(GREENFIELD)	2011	1103.000							
CC-(GREENFIELD)	2014	1103.000							

00440

CC- (GREENFIELD) 2016 1103.000  
 CC- (GREENFIELD) 2018 1103.000  
 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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00441

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 2023

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC- (GREENFIELD)	2007	1103.000							
CC- (GREENFIELD)	2008	1103.000							
CC- (GREENFIELD)	2009	1103.000							
CC- (GREENFIELD)	2010	1103.000							
CC- (GREENFIELD)	2011	1103.000							

00442

CC- (GREENFIELD) 2014 1103.000  
 CC- (GREENFIELD) 2016 1103.000  
 CC- (GREENFIELD) 2018 1103.000

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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00443

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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							
CC-(GREENFIELD)	2011	1103.000							
CC-(GREENFIELD)	2014	1103.000							
CC-(GREENFIELD)	2016	1103.000							
CC-(GREENFIELD)	2018	1103.000							
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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00445



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

00446

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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2025

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							
CC-(GREENFIELD)	2011	1103.000							
CC-(GREENFIELD)	2014	1103.000							
CC-(GREENFIELD)	2016	1103.000							
CC-(GREENFIELD)	2018	1103.000							
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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00447

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 2026

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC- (GREENFIELD)	2007	1103.000							
CC- (GREENFIELD)	2008	1103.000							
CC- (GREENFIELD)	2009	1103.000							
CC- (GREENFIELD)	2010	1103.000							
CC- (GREENFIELD)	2011	1103.000							
CC- (GREENFIELD)	2014	1103.000							
CC- (GREENFIELD)	2016	1103.000							
CC- (GREENFIELD)	2018	1103.000							
CT	2020	159.000							
CT	2020	159.000							

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PLAN 1 YEAR 2027

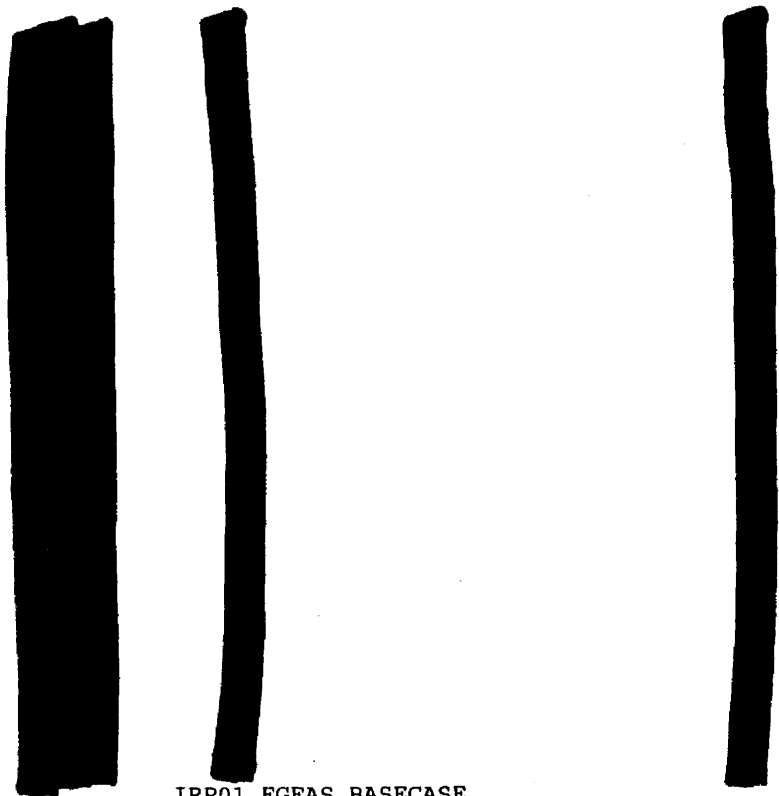
UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
				NO. WEEKS	START WEEK	END WEEK	NO. WEEKS	START WEEK	END WEEK
DSM-LC		1392.000							
DSM-CONS		595.000							
TURKEY POINT 1		410.000							
TURKEY POINT 2		400.000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

00449

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 2027

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
2 ADV CT-FT MY		318.000							
PFMREP 1 CT/CC		1473.043							

00451

PSNREP	4	957.000
PSNREP	5	957.000
FC 3&65	2005	465.000
CC- (GREENFIELD)	2007	1103.000
CC- (GREENFIELD)	2008	1103.000
CC- (GREENFIELD)	2009	1103.000
CC- (GREENFIELD)	2010	1103.000
CC- (GREENFIELD)	2011	1103.000
CC- (GREENFIELD)	2014	1103.000
CC- (GREENFIELD)	2016	1103.000
CC- (GREENFIELD)	2018	1103.000
CT	2020	159.000
CT	2020	159.000



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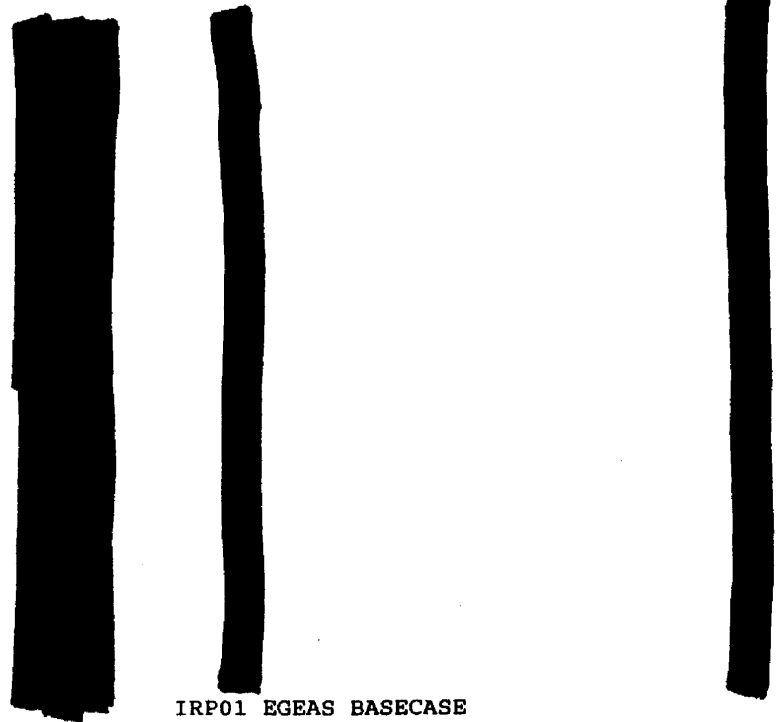
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PLAN 1 YEAR 2028

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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							

00452

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 RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC- (GREENFIELD)	2007	1103.000							

00453



CC- (GREENFIELD)	2008	1103.000
CC- (GREENFIELD)	2009	1103.000
CC- (GREENFIELD)	2010	1103.000
CC- (GREENFIELD)	2011	1103.000
CC- (GREENFIELD)	2014	1103.000
CC- (GREENFIELD)	2016	1103.000
CC- (GREENFIELD)	2018	1103.000
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 RATE	.....MAINTENANCE PERIOD 1 .....	.....MAINTENANCE 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			

00454

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 2029

UNIT NAME	PLAN ALT INSTALL YEAR	RATED CAPACITY MW	FORCED OUTAGE RATE	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE 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-MART		318.000							
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							
CC-(GREENFIELD)	2007	1103.000							
CC-(GREENFIELD)	2008	1103.000							
CC-(GREENFIELD)	2009	1103.000							
CC-(GREENFIELD)	2010	1103.000							

00455

CC- (GREENFIELD)	2011	1103.000
CC- (GREENFIELD)	2014	1103.000
CC- (GREENFIELD)	2016	1103.000
CC- (GREENFIELD)	2018	1103.000
CT	2020	159.000
CT	2020	159.000



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MAINTENANCE SCHEDULE BY UNIT REPORT

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PLAN 1 YEAR 2030

UNIT NAME	PLAN ALT	RATED	FORCED	.....MAINTENANCE PERIOD 1 .....			.....MAINTENANCE PERIOD 2 .....		
	INSTALL YEAR	CAPACITY MW	OUTAGE RATE	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							

00457



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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FUEL USAGE - ANNUAL REPORT

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PLAN 1 YEAR 2002

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		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 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	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 TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/MASS UNIT	.....FUEL 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%MT	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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FUEL TYPE	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF MASS	HEAT CONTENT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
	GWK	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	48479.	7291.	MCF	1000.00	3.53471E+05			3.62799E+05	3.41	1205335.	24.86
1%MT	941.	10468.	BBL	6.39	1.54179E+06				3.28	32315.	34.34
1%TP	2587.	9782.	BBL	6.39	3.96037E+06				3.36	85031.	32.87
1%PE	2515.	9965.	BBL	6.39	3.92184E+06				3.32	83201.	33.08
2%RV	2846.	10207.	BBL	6.38	4.55337E+06				2.82	81922.	28.79
1%CC	2092.	9698.	BBL	6.39	3.17506E+06				3.34	67764.	32.39
1.8S	202.	11073.	BBL	5.84	3.83747E+05				2.99	6701.	33.11
.5FM	26.	13269.	BBL	5.81	5.82550E+04				5.32	1801.	70.59
.5GT	1.	15834.	BBL	5.81	2.65691E+03				5.28	82.	83.60
1%MR	1410.	10099.	BBL	6.39	2.22770E+06				3.35	47687.	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	3564.	6827.	MCF	1000.00	2.43314E+04				3.41	82970.	23.28
SALE	930.	10000.	SAL	1.00	9.30145E+06				2.50	23254.	25.00
GASF	0.	11500.	MCF	1000.00	4.43596E-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	2.68385E+06				1.67	85651.	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	2133.	10000.	COG	24.00	8.88633E+05				2.39	50972.	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	1.65110E+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	1.85609E+05				2.00	8909.	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	
	GWK	BTU/KWH	MASS	MBTU/MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	48593.	7280.	MCF	1000.00	3.53756E+05			3.55506E+05	3.45	1220459.	25.12
1%MT	918.	10465.	BBL	6.39	1.50365E+06				3.31	31804.	34.64

1%TP	2922.	9783.	BBL	6.39	4.47424E+06	3.38	96636.	33.07
1%PE	2227.	9967.	BBL	6.39	3.47327E+06	3.35	74351.	33.39
2%RV	2922.	10208.	BBL	6.38	4.67440E+06	2.81	83802.	28.68
1%CC	1962.	9691.	BBL	6.39	2.97615E+06	3.37	64089.	32.66
1.8S	190.	11073.	BBL	5.84	3.60506E+05	3.00	6316.	33.22
.5FM	7.	13269.	BBL	5.81	1.57299E+04	5.35	489.	70.99
.5GT	1.	15834.	BBL	5.81	1.80587E+03	5.32	56.	84.24
1%MR	1261.	10089.	BBL	6.39	1.99049E+06	3.38	42991.	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	7439.	6988.	MCF	1000.00	5.19802E+04	3.45	179332.	24.11
SALE	988.	10000.	SAL	1.00	9.88145E+06	2.50	24704.	25.00
GASF	0.	11500.	MCF	1000.00	2.88556E-01	8.24	2.	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	2192.	10000.	COG	24.00	9.13505E+05	2.39	52399.	23.90
QPB	331.	10500.	COG	24.00	1.44643E+05	1.59	5520.	16.69
QBN1	377.	10500.	COG	24.00	1.65102E+05	2.04	8083.	21.42
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.59	1396.	16.69
QBS1	424.	10500.	COG	24.00	1.85657E+05	2.04	9090.	21.42
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.47	411.	15.43

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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....			FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM		MAXIMUM	K\$
GAS	44571.	7158.	MCF	1000.00	3.19039E+05			3.50	1116636.	25.05
1%MT	590.	10477.	BBL	6.39	9.66886E+05			3.39	20945.	35.52
1%TP	1990.	9784.	BBL	6.39	3.04731E+06			3.47	67569.	33.95
1%PE	2165.	9961.	BBL	6.39	3.37511E+06			3.43	73975.	34.17
2%RV	2393.	10208.	BBL	6.38	3.82886E+06			2.87	70109.	29.30
1%CC	1436.	9712.	BBL	6.39	2.18238E+06			3.45	48112.	33.51
1.8S	192.	11073.	BBL	5.84	3.63608E+05			3.07	6519.	33.99
.5FM	2.	13269.	BBL	5.81	4.13851E+03			5.49	132.	72.85
.5GT	1.	15834.	BBL	5.81	1.52596E+03			5.46	48.	86.45
1%MR	1420.	10137.	BBL	6.39	2.25191E+06			3.46	49788.	35.07

.5FL	1964.	7459.	BBL	5.81	2.52151E+06				5.46	79989.	40.73
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	14339.	7032.	MCF	1000.00	1.00838E+05				3.49	351923.	24.54
SALE	875.	10000.	SAL	1.00	8.74992E+06				2.50	21875.	25.00
GASF	0.	11500.	MCF	1000.00	2.52217E-01				8.32	2.	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	2215.	10000.	COG	24.00	9.22801E+05				2.40	53153.	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 GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	44584.	7156.	MCF	1000.00	3.19039E+05			3.19040E+05	3.59	1145350.	25.69
1%MT	536.	10474.	BBL	6.39	8.79219E+05				3.48	19551.	36.45
1%TP	1976.	9785.	BBL	6.39	3.02596E+06				3.55	68642.	34.74
1%PE	2183.	9962.	BBL	6.39	3.40370E+06				3.51	76341.	34.97
2%RV	2346.	10208.	BBL	6.38	3.75368E+06				2.94	70409.	30.01
1%CC	1405.	9707.	BBL	6.39	2.13480E+06				3.53	48154.	34.27
1.8S	188.	11073.	BBL	5.84	3.55710E+05				3.13	6502.	34.66
.5FM	2.	13269.	BBL	5.81	3.64643E+03				5.62	119.	74.57
.5GT	1.	15834.	BBL	5.81	1.40366E+03				5.60	46.	88.67
1%MR	1456.	10131.	BBL	6.39	2.30860E+06				3.55	52369.	35.96
.5FL	1434.	7459.	BBL	5.81	1.84093E+06				5.60	59897.	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
GAS4	18193.	7088.	MCF	1000.00	1.28958E+05				3.58	461669.	25.38
GASF	0.	11500.	MCF	1000.00	2.49920E-01				8.50	2.	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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FUEL USAGE - ANNUAL REPORT

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PLAN 1 YEAR 2009

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	44774.	7126.	MCF	1000.00	3.19039E+05				3.19040E+05	3.69	1177254.	26.29
1%MT	276.	10462.	BBL	6.39	4.52109E+05					3.56	10285.	37.24
1%TP	1658.	9783.	BBL	6.39	2.53783E+06					3.64	59029.	35.61
1%PE	1912.	9956.	BBL	6.39	2.97829E+06					3.60	68512.	35.84
2%RV	2128.	10208.	BBL	6.38	3.40449E+06					3.00	65162.	30.62
1%CC	1198.	9687.	BBL	6.39	1.81552E+06					3.62	41996.	35.07
1.8S	148.	11073.	BBL	5.84	2.80318E+05					3.21	5255.	35.54
.5FM	1.	13269.	BBL	5.81	1.84533E+03					5.76	62.	76.43
.5GT	0.	15834.	BBL	5.81	7.07878E+02					5.75	24.	91.05
1%MR	1127.	10120.	BBL	6.39	1.78523E+06					3.64	41524.	36.84
.5FL	45.	7459.	BBL	5.81	5.76917E+04					5.75	1927.	42.89
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	23101.	7080.	MCF	1000.00	1.63547E+05					3.69	603489.	26.12
GASF	0.	11500.	MCF	1000.00	1.26899E-01					8.70	1.	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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PLAN 1 YEAR 2010

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	MBTU/ MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	44781.	7124.	MCF	1000.00	3.19039E+05				3.19040E+05	3.80	1212348.	27.07
1%MT	535.	10476.	BBL	6.39	8.77136E+05					3.66	20514.	38.34
1%TP	1675.	9782.	BBL	6.39	2.56386E+06					3.73	61109.	36.49
1%PE	1924.	9961.	BBL	6.39	2.99961E+06					3.69	70728.	36.76
2%RV	2092.	10208.	BBL	6.38	3.34699E+06					3.07	65556.	31.34
1%CC	1195.	9717.	BBL	6.39	1.81668E+06					3.71	43068.	36.05
1.8S	158.	11073.	BBL	5.84	2.99764E+05					3.29	5760.	36.43
.5FM	2.	13269.	BBL	5.81	3.72234E+03					5.92	128.	78.55
.5GT	1.	15834.	BBL	5.81	1.46606E+03					5.91	50.	93.58
1%MR	1114.	10103.	BBL	6.39	1.76059E+06					3.73	41963.	37.68
.5FL	849.	7459.	BBL	5.81	1.09042E+06					5.91	37442.	44.08
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	31817.	7078.	MCF	1000.00	2.25215E+05					3.79	853563.	26.83
GASF	0.	11500.	MCF	1000.00	2.84074E-01					8.91	3.	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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PLAN 1 YEAR 2011

FUEL	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF	HEAT CONTENT MBTU/	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
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TYPE	GWH	BTU/KWH	MASS	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	44169.	7064.	MCF	1000.00	3.12017E+05			3.19040E+05	3.92	1223106.	27.69
1%MT	185.	10447.	BBL	6.39	3.02355E+05				3.76	7265.	39.28
1%TP	1358.	9787.	BBL	6.39	2.08068E+06				3.83	50922.	37.49
1%PE	1215.	9967.	BBL	6.39	1.89481E+06				3.80	46010.	37.88
2%RV	1694.	10208.	BBL	6.38	2.71058E+06				3.15	54474.	32.15
1%CC	955.	9683.	BBL	6.39	1.44748E+06				3.81	35240.	36.89
1.8S	105.	11073.	BBL	5.84	1.98323E+05				3.37	3903.	37.32
.5FM	0.	13269.	BBL	5.81	9.49684E+02				6.08	34.	80.68
.5GT	0.	15834.	BBL	5.81	3.56227E+02				6.08	13.	96.27
1%MR	815.	10124.	BBL	6.39	1.29147E+06				3.83	31607.	38.78
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	37683.	7077.	MCF	1000.00	2.66699E+05				3.91	1042791.	27.67
GASF	0.	11500.	MCF	1000.00	6.62740E-02				9.14	1.	105.11
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.45	31993.	4.88
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

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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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PLAN 1 YEAR 2012

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	44249.	7090.	MCF	1000.00	3.13746E+05			3.19040E+05	4.04	1267532.	28.65
1%MT	270.	10480.	BBL	6.39	4.42963E+05				3.86	10926.	40.45
1%TP	1539.	9783.	BBL	6.39	2.35600E+06				3.94	59316.	38.54
1%PE	1521.	9964.	BBL	6.39	2.37115E+06				3.90	59091.	38.86
2%RV	1639.	10208.	BBL	6.38	2.62227E+06				3.23	54038.	32.97
1%CC	1102.	9695.	BBL	6.39	1.67244E+06				3.92	41892.	38.00
1.8S	128.	11073.	BBL	5.84	2.42457E+05				3.46	4899.	38.31
.5FM	1.	13269.	BBL	5.81	2.71883E+03				6.25	99.	82.93
.5GT	0.	15834.	BBL	5.81	1.14518E+03				6.26	42.	99.12
1%MR	1034.	10121.	BBL	6.39	1.63710E+06				3.94	41217.	39.87
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	38615.	7077.	MCF	1000.00	2.73295E+05				4.03	1101379.	28.52
GASF	0.	11500.	MCF	1000.00	2.33419E-01				9.37	2.	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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PLAN 1 YEAR 2013

FUEL	ENERGY GENERATED	AVERAGE HT. RATE	UNIT OF	HEAT CONTENT MBTU/	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM			



TYPE	GW	BTU/KWH	MASS	MASS UNIT	TOTAL	NOT USED	MINIMUM	MAXIMUM	\$/MBTU	K\$	\$/MWH
GAS	45027.	7086.	MCF	1000.00	3.19039E+05			3.19040E+05	4.16	1327202.	29.48
1%MT	311.	10466.	BBL	6.39	5.09505E+05				3.97	12925.	41.55
1%TP	1470.	9782.	BBL	6.39	2.25082E+06				4.05	58250.	39.62
1%PE	1578.	9960.	BBL	6.39	2.46029E+06				4.01	63042.	39.94
2%RV	1872.	10208.	BBL	6.38	2.99497E+06				3.31	63247.	33.79
1%CC	1015.	9697.	BBL	6.39	1.54071E+06				4.03	39676.	39.08
1.8S	188.	11073.	BBL	5.84	3.55923E+05				3.55	7379.	39.31
.5FM	1.	13269.	BBL	5.81	3.37609E+03				6.43	126.	85.32
.5GT	1.	15835.	BBL	5.81	1.42185E+03				6.44	53.	101.97
1%MR	974.	10132.	BBL	6.39	1.54413E+06				4.05	39961.	41.04
.5FL	51.	7459.	BBL	5.81	6.59756E+04				6.44	2469.	48.04
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	38614.	7077.	MCF	1000.00	2.73289E+05				4.15	1134147.	29.37
GASF	0.	11500.	MCF	1000.00	3.09344E-01				9.62	3.	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 GW	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/MASS UNIT	TOTAL	FUEL CONSUMPTION, MASS UNITS	NOT USED	MINIMUM	MAXIMUM	FUEL COST \$/MBTU	TOTAL FUEL COST K\$	\$/MWH
GAS	43011.	7018.	MCF	1000.00	3.01872E+05				3.19040E+05	4.29	1295031.	30.11
1%MT	134.	10447.	BBL	6.39	2.19010E+05					4.08	5710.	42.62
1%TP	1101.	9783.	BBL	6.39	1.68625E+06					4.16	44824.	40.70
1%PE	1180.	9949.	BBL	6.39	1.83765E+06					4.12	48380.	40.99
2%RV	1537.	10208.	BBL	6.38	2.45858E+06					3.39	53175.	34.60
1%CC	1006.	9665.	BBL	6.39	1.52132E+06					4.14	40246.	40.01
1.8S	139.	11073.	BBL	5.84	2.62658E+05					3.64	5583.	40.31
.5FM	0.	13269.	BBL	5.81	8.73250E+02					6.61	34.	87.71
.5GT	0.	15834.	BBL	5.81	3.53373E+02					6.63	14.	104.98
1%MR	626.	10105.	BBL	6.39	9.90273E+05					4.16	26324.	42.04

NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.46	27099.	5.10	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.45	26578.	5.01	
GAS4	44351.	7077.	MCF	1000.00	3.13859E+05	4.28	1343317.	30.29	
GASF	0.	11500.	MCF	1000.00	7.02169E-02	9.87	1.	113.50	
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.47	33229.	5.06	
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.48	28931.	5.18	
ECON	125.	10000.	TON	23.00	5.43478E+04	3.57	4462.	35.70	
CSH4	5222.	10463.	TON	19.11	2.85893E+06	1.88	102712.	19.67	
CSJR	5109.	9762.	TON	24.14	2.06588E+06	1.73	86275.	16.89	
QCB	1797.	9745.	COG	24.00	7.29559E+05	2.00	35019.	19.49	
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.52	63036.	25.20	
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.73	1519.	18.16	
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.59	444.	16.69	
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PLAN 1 YEAR 2015

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	37634.	6986.	MCF	1000.00	2.62896E+05			3.19040E+05	4.64	1219838.	32.41
1%MT	375.	10452.	BBL	6.39	6.12898E+05				4.20	16449.	43.90
1%TP	1575.	9785.	BBL	6.39	2.41161E+06				4.27	65801.	41.78
1%PE	1601.	9965.	BBL	6.39	2.49730E+06				4.23	67501.	42.15
2%RV	1563.	10208.	BBL	6.38	2.50113E+06				3.48	55531.	35.52
1%CC	1167.	9720.	BBL	6.39	1.77530E+06				4.25	48213.	41.31
1.8S	200.	11073.	BBL	5.84	3.78329E+05				3.74	8263.	41.41
.5FM	1.	13269.	BBL	5.81	1.89620E+03				6.80	75.	90.23
.5GT	0.	15834.	BBL	5.81	8.22231E+02				6.83	33.	108.15
1%MR	788.	10060.	BBL	6.39	1.24091E+06				4.27	33859.	42.96
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.47	27474.	5.17
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.46	26988.	5.08
GAS4	50180.	7077.	MCF	1000.00	3.55108E+05				4.42	1569576.	31.28
GASF	0.	11500.	MCF	1000.00	1.77718E-01				10.13	2.	116.49
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.47	33726.	5.14
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.48	29022.	5.20
ECON	125.	10000.	TON	23.00	5.43478E+04				3.59	4487.	35.90
CSH4	4902.	10463.	TON	19.11	2.68390E+06				1.91	97962.	19.98
CSJR	4986.	9762.	TON	24.14	2.01623E+06				1.76	85662.	17.18
QCB	1797.	9745.	COG	24.00	7.29559E+05				2.04	35719.	19.88
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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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	27004.	6935.	MCF	1000.00	1.87267E+05			3.19040E+05	4.89	915736.	33.91
1%MT	830.	10468.	BBL	6.39	1.35887E+06				4.31	37424.	45.12
1%TP	1367.	9786.	BBL	6.39	2.09368E+06				4.39	58732.	42.96
1%PE	1331.	9992.	BBL	6.39	2.08149E+06				4.35	57858.	43.46
2%RV	1567.	10208.	BBL	6.38	2.50744E+06				3.56	56951.	36.34
1%CC	966.	9729.	BBL	6.39	1.47137E+06				4.37	41087.	42.51
1.8S	161.	11073.	BBL	5.84	3.05581E+05				3.83	6835.	42.41
.5FM	0.	13269.	BBL	5.81	9.36745E+02				6.99	38.	92.75
.5GT	0.	15835.	BBL	5.81	4.06227E+02				7.03	17.	111.32
1%MR	293.	10037.	BBL	6.39	4.60853E+05				4.39	12928.	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	62454.	7075.	MCF	1000.00	4.41863E+05				4.55	2010477.	32.19
GASF	0.	11500.	MCF	1000.00	8.82112E-02				10.39	1.	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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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	28089.	6945.	MCF	1000.00	1.95074E+05			3.19040E+05	5.04	983175.	35.00
1%MT	966.	10475.	BBL	6.39	1.58436E+06				4.43	44850.	46.41

1%TP	1462.	9785.	BBL	6.39	2.23929E+06	4.51	64534.	44.13
1%PE	1385.	9995.	BBL	6.39	2.16704E+06	4.47	61898.	44.68
2%RV	1614.	10208.	BBL	6.38	2.58261E+06	3.65	60141.	37.26
1%CC	1122.	9751.	BBL	6.39	1.71195E+06	4.49	49118.	43.78
1.8S	177.	11073.	BBL	5.84	3.36075E+05	3.93	7713.	43.52
.5FM	1.	13269.	BBL	5.81	1.85677E+03	7.19	78.	95.40
.5GT	0.	15835.	BBL	5.81	8.46547E+02	7.24	36.	114.64
1%MR	400.	10058.	BBL	6.39	6.30003E+05	4.51	18156.	45.36
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	62653.	7075.	MCF	1000.00	4.43270E+05	4.69	2078935.	33.18
GASF	0.	11500.	MCF	1000.00	1.96312E-01	10.67	2.	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
QICL	2501.	10000.	COG	24.00	1.04224E+06	2.59	64786.	25.90
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.82	1598.	19.11
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.60	447.	16.80

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PLAN 1 YEAR 2018

FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	24238.	6920.	MCF	1000.00	1.67733E+05			3.19040E+05	5.18	868858.	35.85
1%MT	632.	10467.	BBL	6.39	1.03456E+06				4.56	30145.	47.73
1%TP	1148.	9786.	BBL	6.39	1.75762E+06				4.64	52113.	45.41
1%PE	1066.	9987.	BBL	6.39	1.66610E+06				4.60	48973.	45.94
2%RV	1347.	10208.	BBL	6.38	2.15514E+06				3.75	51562.	38.28
1%CC	781.	9731.	BBL	6.39	1.18885E+06				4.62	35097.	44.96
1.8S	133.	11073.	BBL	5.84	2.53039E+05				4.04	5970.	44.73
.5FM	0.	13269.	BBL	5.81	6.19439E+02				7.40	27.	98.19
.5GT	0.	15834.	BBL	5.81	2.64700E+02				7.45	11.	117.97
1%MR	218.	10030.	BBL	6.39	3.42769E+05				4.64	10163.	46.54
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.48	28387.	5.35
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.48	28176.	5.31
GAS4	70340.	7075.	MCF	1000.00	4.97655E+05				4.84	2408647.	34.24
GASF	0.	11500.	MCF	1000.00	5.96730E-02				10.95	1.	125.92
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.50	35204.	5.37

NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.49	29838.	5.34
ECON	125.	10000.	TON	23.00	5.43478E+04	3.66	4575.	36.60
CSH4	5328.	10463.	TON	19.11	2.91728E+06	2.01	112056.	21.03
CSJR	4799.	9762.	TON	24.14	1.94079E+06	1.85	86674.	18.06
QCB	1797.	9745.	COG	24.00	7.29559E+05	2.14	37470.	20.85
QICL	2501.	10000.	COG	24.00	1.04227E+06	2.61	65288.	26.10
QBN2	84.	10500.	COG	24.00	3.65765E+04	1.85	1624.	19.42
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.62	452.	17.01
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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	24661.	6931.	MCF	1000.00	1.70930E+05			3.19040E+05	5.33	911056.	36.94
1%MT	694.	10469.	BBL	6.39	1.13657E+06				4.68	33989.	48.99
1%TP	1218.	9786.	BBL	6.39	1.86489E+06				4.76	56723.	46.58
1%PE	1168.	9993.	BBL	6.39	1.82738E+06				4.72	55115.	47.17
2%RV	1414.	10208.	BBL	6.38	2.26259E+06				3.83	55287.	39.10
1%CC	817.	9737.	BBL	6.39	1.24437E+06				4.74	37690.	46.15
1.8S	140.	11073.	BBL	5.84	2.66070E+05				4.13	6417.	45.73
.5FM	0.	13269.	BBL	5.81	1.12911E+03				7.60	50.	100.84
.5GT	0.	15835.	BBL	5.81	5.02154E+02				7.66	22.	121.29
1%MR	260.	10042.	BBL	6.39	4.08193E+05				4.76	12416.	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	70448.	7075.	MCF	1000.00	4.98421E+05				4.99	2487122.	35.30
GASF	0.	11500.	MCF	1000.00	1.22425E-01				11.25	1.	129.37
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 MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	25383.	6948.	MCF	1000.00	1.76356E+05			3.19040E+05	5.49	968195.	38.14
1%MT	878.	10475.	BBL	6.39	1.43919E+06				4.81	44235.	50.39
1%TP	1274.	9785.	BBL	6.39	1.95037E+06				4.89	60943.	47.85
1%PE	1308.	9999.	BBL	6.39	2.04719E+06				4.85	63445.	48.49
2%RV	1423.	10208.	BBL	6.38	2.27707E+06				3.93	57094.	40.12
1%CC	889.	9764.	BBL	6.39	1.35910E+06				4.87	42294.	47.55

1.8S	155.	11073.	BBL	5.84	2.94779E+05	4.24	7299.	46.95
.5FM	1.	13269.	BBL	5.81	2.17153E+03	7.82	99.	103.76
.5GT	0.	15835.	BBL	5.81	1.02942E+03	7.89	47.	124.94
1*MR	376.	10055.	BBL	6.39	5.91749E+05	4.89	18490.	49.17
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.49	28679.	5.40
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.49	28773.	5.42
GAS4	70915.	7075.	MCF	1000.00	5.01721E+05	5.14	2578845.	36.37
GASF	0.	11500.	MCF	1000.00	2.67317E-01	11.55	3.	132.82
GAS4	1.	10450.	MCF	1000.00	1.41449E+01	5.90	84.	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 UNIT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	25809.	6951.	MCF	1000.00	1.79407E+05			3.19040E+05	5.65	1013651.	39.27
1*MT	1075.	10481.	BBL	6.39	1.76359E+06				4.95	55783.	51.88
1*TP	1301.	9788.	BBL	6.39	1.99296E+06				5.03	64057.	49.23
1*PE	1361.	10010.	BBL	6.39	2.13165E+06				4.99	67970.	49.95
2*RV	1477.	10208.	BBL	6.38	2.36243E+06				4.03	60741.	41.14
1*CC	1052.	9779.	BBL	6.39	1.60924E+06				5.01	51518.	48.99
1.8S	151.	11073.	BBL	5.84	2.86371E+05				4.35	7275.	48.17
.5FM	1.	13269.	BBL	5.81	3.36766E+03				8.05	158.	106.82
.5GT	1.	15835.	BBL	5.81	1.68563E+03				8.13	80.	128.74
1*MR	457.	10081.	BBL	6.39	7.21054E+05				5.03	23176.	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	70907.	7075.	MCF	1000.00	5.01669E+05				5.30	2658846.	37.50
GASF	0.	11500.	MCF	1000.00	4.43163E-01				11.86	5.	136.39
GAS4	2.	10450.	MCF	1000.00	2.16391E+01				6.07	131.	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
QBS2	27.	10500.	COG	24.00	1.16380E+04				1.70	475.	17.85

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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	27281.	6964.	MCF	1000.00	1.89971E+05				3.19040E+05	6.01	1141725.	41.85
1%MT	1393.	10511.	BBL	6.39	2.29195E+06					5.09	74546.	53.50
1%TP	1670.	9785.	BBL	6.39	2.55786E+06					5.17	84502.	50.59
1%PE	1562.	10018.	BBL	6.39	2.44817E+06					5.13	80253.	51.39
2%RV	1483.	10208.	BBL	6.38	2.37282E+06					4.13	62522.	42.16
1%CC	1356.	9824.	BBL	6.39	2.08459E+06					5.15	68601.	50.59
1.8S	186.	11073.	BBL	5.84	3.53558E+05					4.47	9230.	49.50
.5FM	3.	13269.	BBL	5.81	7.74989E+03					8.28	373.	109.87
.5GT	2.	15835.	BBL	5.81	4.19580E+03					8.37	204.	132.54
1%MR	424.	10115.	BBL	6.39	6.70403E+05					5.17	22148.	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	71591.	7075.	MCF	1000.00	5.06503E+05					5.47	2770573.	38.70
GASF	0.	11500.	MCF	1000.00	1.20469E+00					12.18	15.	140.07
GAS4	16.	10450.	MCF	1000.00	1.64496E+02					6.23	1025.	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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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST		
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH	
GAS	27480.	6951.	MCF	1000.00	1.91030E+05			3.19040E+05	6.25	1193938.	43.45	
1%MT	1298.	10489.	BBL	6.39	2.13054E+06				5.23	71202.	54.86	
1%TP	1505.	9785.	BBL	6.39	2.30404E+06				5.32	78325.	52.05	
1%PE	1603.	10021.	BBL	6.39	2.51394E+06				5.27	84658.	52.81	
2%RV	1630.	10208.	BBL	6.38	2.60722E+06				4.23	70362.	43.18	
1%CC	1221.	9832.	BBL	6.39	1.87826E+06				5.29	63491.	52.01	
1.8S	190.	11073.	BBL	5.84	3.60684E+05				4.59	9668.	50.83	
.5FM	2.	13269.	BBL	5.81	5.50905E+03				8.52	273.	113.05	
.5GT	1.	15835.	BBL	5.81	2.84444E+03				8.63	143.	136.65	
1%MR	317.	10129.	BBL	6.39	5.02333E+05				5.31	17045.	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	71561.	7075.	MCF	1000.00	5.06295E+05				5.64	2855503.	39.90	
GASF	0.	11500.	MCF	1000.00	8.15132E-01				12.52	10.	143.98	
GAS4	3.	10450.	MCF	1000.00	3.32162E+01				6.40	213.	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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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	27378.	6953.	MCF	1000.00	1.90349E+05			3.19040E+05	6.43	1223945.	44.71
1%MT	1352.	10497.	BBL	6.39	2.22152E+06				5.38	76372.	56.48
1%TP	1582.	9785.	BBL	6.39	2.42256E+06				5.46	84522.	53.43
1%PE	1545.	10025.	BBL	6.39	2.42430E+06				5.42	83963.	54.34
2%RV	1658.	10208.	BBL	6.38	2.65214E+06				4.34	73436.	44.30
1%CC	1327.	9828.	BBL	6.39	2.04094E+06				5.44	70946.	53.46
1.8S	236.	11073.	BBL	5.84	4.46823E+05				4.71	12290.	52.15

.5FM	2.	13269.	BBL	5.81	4.60494E+03	8.77	235.	116.37	
.5GT	1.	15835.	BBL	5.81	2.35813E+03	8.89	122.	140.77	
1%MR	293.	10118.	BBL	6.39	4.63314E+05	5.46	16165.	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	71591.	7075.	MCF	1000.00	5.06503E+05	5.82	2947850.	41.18	
GASF	0.	11500.	MCF	1000.00	6.62722E-01	12.86	9.	147.89	
GAS4	3.	10450.	MCF	1000.00	2.81320E+01	6.58	185.	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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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	28685.	6959.	MCF	1000.00	1.99624E+05			3.19040E+05	6.61	1319517.	46.00
1%MT	1528.	10502.	BBL	6.39	2.51192E+06				5.53	88763.	58.08
1%TP	1652.	9786.	BBL	6.39	2.52950E+06				5.62	90839.	55.00
1%PE	1712.	10034.	BBL	6.39	2.68840E+06				5.57	95686.	55.89
2%RV	1688.	10207.	BBL	6.38	2.70127E+06				4.45	76692.	45.42
1%CC	1442.	9838.	BBL	6.39	2.21928E+06				5.60	79415.	55.09
1.8S	318.	11073.	BBL	5.84	6.02607E+05				4.83	16998.	53.48
.5FM	3.	13269.	BBL	5.81	7.18920E+03				9.03	377.	119.82
.5GT	1.	15835.	BBL	5.81	3.84910E+03				9.16	205.	145.05
1%MR	380.	10124.	BBL	6.39	6.02471E+05				5.62	21636.	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	72032.	7075.	MCF	1000.00	5.09625E+05				6.00	3057749.	42.45
GASF	0.	11500.	MCF	1000.00	1.09359E+00				13.22	14.	152.03
GAS4	12.	10450.	MCF	1000.00	1.21930E+02				6.76	825.	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	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
	GWH	BTU/KWH	MASS							\$/MBTU		
GAS	29258.	6961.	MCF	1000.00		2.03669E+05			3.19040E+05	6.80	1384951.	47.34
1%MT	1677.	10498.	BBL	6.39		2.75454E+06				5.69	100152.	59.73
1%TP	1808.	9786.	BBL	6.39		2.76909E+06				5.78	102274.	56.56
1%PE	1813.	10034.	BBL	6.39		2.84646E+06				5.73	104222.	57.49
2%RV	1837.	10208.	BBL	6.38		2.93918E+06				4.56	85509.	46.55
1%CC	1481.	9824.	BBL	6.39		2.27710E+06				5.75	83666.	56.49

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1.8S	358.	11073.	BBL	5.84	6.78449E+05	4.96	19652.	54.92	
.5FM	4.	13269.	BBL	5.81	9.48099E+03	9.30	512.	123.40	
.5GT	2.	15835.	BBL	5.81	5.28678E+03	9.44	290.	149.48	
1%MR	408.	10121.	BBL	6.39	6.45771E+05	5.78	23851.	58.50	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.50	29382.	5.53	
NUCL	5309.	11027.	NUC	1.00	5.85416E+07	0.54	31823.	5.99	
GAS4	72271.	7075.	MCF	1000.00	5.11319E+05	6.19	3165067.	43.79	
GASF	0.	11500.	MCF	1000.00	1.59146E+00	13.59	22.	156.28	
GAS4	28.	10450.	MCF	1000.00	2.97434E+02	6.95	2068.	72.64	
NUCL	6561.	10826.	NUC	1.00	7.10328E+07	0.56	39729.	6.05	
NUCL	5584.	10826.	NUC	1.00	6.04498E+07	0.52	31138.	5.58	
ECON	125.	10000.	TON	23.00	5.43478E+04	3.87	4837.	38.70	
CSH4	5541.	10463.	TON	19.11	3.03397E+06	2.29	132772.	23.96	
CSJR	2139.	9762.	TON	24.14	8.65017E+05	2.12	44269.	20.70	
QBN2	84.	10500.	COG	24.00	3.65765E+04	2.12	1861.	22.26	
QBS2	27.	10500.	COG	24.00	1.16380E+04	1.85	517.	19.42	
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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	29609.	6963.	MCF	1000.00	2.06159E+05			3.19040E+05	7.00	1443113.	48.74
1%MT	1708.	10502.	BBL	6.39	2.80791E+06				5.85	104964.	61.44
1%TP	1790.	9786.	BBL	6.39	2.74162E+06				5.94	104063.	58.13
1%PE	1749.	10031.	BBL	6.39	2.74509E+06				5.90	103493.	59.18
2%RV	1807.	10208.	BBL	6.38	2.89103E+06				4.68	86321.	47.77
1%CC	1578.	9834.	BBL	6.39	2.42860E+06				5.92	91871.	58.22
1.8S	378.	11073.	BBL	5.84	7.16148E+05				5.09	21288.	56.36
.5FM	5.	13269.	BBL	5.81	1.04781E+04				9.57	583.	126.98
.5GT	2.	15835.	BBL	5.81	5.84314E+03				9.73	330.	154.07
1%MR	429.	10131.	BBL	6.39	6.79732E+05				5.94	25800.	60.18
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.50	29505.	5.56
NUCL	5309.	11027.	NUC	1.00	5.85416E+07				0.55	32362.	6.10
GAS4	72346.	7075.	MCF	1000.00	5.11851E+05				6.38	3265609.	45.14
GASF	0.	11500.	MCF	1000.00	1.79828E+00				13.97	25.	160.65
GAS4	32.	10450.	MCF	1000.00	3.33238E+02				7.15	2381.	74.68
NUCL	6561.	10826.	NUC	1.00	7.10328E+07				0.57	40339.	6.15
NUCL	5584.	10826.	NUC	1.00	6.04498E+07				0.52	31271.	5.60
ECON	125.	10000.	TON	23.00	5.43478E+04				3.91	4887.	39.10
CSH4	5328.	10463.	TON	19.11	2.91728E+06				2.32	129338.	24.27
CSJR	1975.	9762.	TON	24.14	7.98477E+05				2.16	41634.	21.09

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FUEL TYPE	ENERGY GENERATED GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	29410.	6960.	MCF	1000.00	2.04701E+05			3.19040E+05	7.20	1473846.	50.11
1%MT	1686.	10500.	BBL	6.39	2.77114E+06				6.02	106600.	63.21
1%TP	1802.	9786.	BBL	6.39	2.75920E+06				6.11	107727.	59.80
1%PE	1795.	10038.	BBL	6.39	2.82014E+06				6.06	109205.	60.83
2%RV	1814.	10208.	BBL	6.38	2.90239E+06				4.80	88883.	49.00
1%CC	1582.	9833.	BBL	6.39	2.43371E+06				6.09	94708.	59.88
1.8S	380.	11073.	BBL	5.84	7.20296E+05				5.23	22000.	57.91
.5FM	4.	13269.	BBL	5.81	9.69079E+03				9.86	555.	130.83
.5GT	2.	15835.	BBL	5.81	5.40298E+03				10.03	315.	158.82
1%MR	441.	10124.	BBL	6.39	6.99470E+05				6.11	27309.	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	72322.	7075.	MCF	1000.00	5.11674E+05				6.59	3371934.	46.62
GASF	0.	11500.	MCF	1000.00	1.63472E+00				14.37	23.	165.25
GAS4	30.	10450.	MCF	1000.00	3.12802E+02				7.35	2298.	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 GWH	AVERAGE HT. RATE BTU/KWH	UNIT OF MASS	HEAT CONTENT MBTU/ MASS UNIT	.....FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	29281.	6959.	MCF	1000.00	2.03754E+05			3.19040E+05	7.41	1509814.	51.56
1%MT	1601.	10498.	BBL	6.39	2.63036E+06				6.19	104041.	64.98
1%TP	1870.	9785.	BBL	6.39	2.86393E+06				6.28	114927.	61.45
1%PE	1831.	10036.	BBL	6.39	2.87641E+06				6.24	114693.	62.63
2%RV	1844.	10208.	BBL	6.38	2.95099E+06				4.92	92630.	50.22

1%CC	1606.	9818.	BBL	6.39	2.46730E+06	6.26	98696.	61.46	
1.8S	377.	11073.	BBL	5.84	7.15549E+05	5.37	22440.	59.46	
.5FM	5.	13269.	BBL	5.81	1.03853E+04	10.15	612.	134.68	
.5GT	2.	15835.	BBL	5.81	5.78915E+03	10.34	348.	163.73	
1%MR	456.	10124.	BBL	6.39	7.23070E+05	6.28	29016.	63.58	
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	72314.	7075.	MCF	1000.00	5.11620E+05	6.79	3473899.	48.04	
GASF	0.	11500.	MCF	1000.00	1.77794E+00	14.77	26.	169.85	
GAS4	32.	10450.	MCF	1000.00	3.31418E+02	7.56	2504.	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 MBTU/ MASS UNIT	FUEL CONSUMPTION, MASS UNITS.....				FUEL COST \$/MBTU	TOTAL FUEL COST	
					TOTAL	NOT USED	MINIMUM	MAXIMUM		K\$	\$/MWH
GAS	29413.	6964.	MCF	1000.00	2.04839E+05			3.19040E+05	7.62	1560873.	53.07
1%MT	1735.	10502.	BBL	6.39	2.85133E+06				6.38	116244.	67.01
1%TP	1853.	9785.	BBL	6.39	2.83697E+06				6.47	117290.	63.31
1%PE	1842.	10036.	BBL	6.39	2.89373E+06				6.42	118712.	64.43
2%RV	1785.	10208.	BBL	6.38	2.85564E+06				5.06	92188.	51.65
1%CC	1533.	9843.	BBL	6.39	2.36180E+06				6.45	97343.	63.48
1.8S	421.	11073.	BBL	5.84	7.97561E+05				5.52	25711.	61.12
.5FM	15.	13269.	BBL	5.81	3.37732E+04				10.46	2052.	138.79
.5GT	3.	15835.	BBL	5.81	9.27386E+03				10.67	575.	168.96
1%MR	396.	10102.	BBL	6.39	6.26263E+05				6.47	25892.	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	72338.	7075.	MCF	1000.00	5.11790E+05				7.01	3587645.	49.60
GAS4	41.	10450.	MCF	1000.00	4.32115E+02				7.77	3357.	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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PLAN 1

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	--		8898.2			
	2006	--		8937.4			
	2007	--		7720.4			
	2008	--		7598.4			
	2009	--		6895.4			
	2010	--		6952.7			
	2011	--		5853.0			
	2012	--		6168.2			
	2013	--		6405.1			
	2014	--		5501.3			
	2015	--		5930.2			
	2016	--		5504.0			
	2017	--		5794.1			
	2018	--		4780.3			
	2019	--		5066.8			
	2020	--		5281.1			
	2021	--		5621.2			
	2022	--		5718.0			
	2023	--		5643.6			
	2024	--		5760.9			
	2025	--		6044.0			
	2026	--		6555.1			
	2027	--		6540.9			
	2028	--		6590.7			
	2029	--		6644.5			
	2030	--		6615.6			

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PLAN 1

SYSTEM BANKED

ALLOWANCE ALLOWANCE

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EMIS. TYPE	YEAR	LIMIT TONS	EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	COST K\$	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		126271.7	-17615.2	0.	3869.
	2006	143887.0		129533.9	-14353.1	0.	3367.
	2007	143887.0		116753.2	-27133.7	0.	6802.
	2008	143887.0		113949.3	-29937.7	0.	8022.
	2009	143887.0		105130.8	-38756.2	0.	11098.
	2010	143887.0		105301.9	-38585.1	0.	11803.
	2011	138951.6		92031.9	-46919.7	0.	15162.
	2012	138951.6		94448.0	-44503.6	0.	15149.
	2013	138951.6		98719.7	-40231.9	0.	14435.
	2014	138951.6		86187.4	-52764.2	0.	19963.
	2015	138951.6		92553.4	-46398.2	0.	18515.
	2016	138951.6		92554.7	-46396.9	0.	18515.
	2017	138951.6		95261.9	-43689.7	0.	17435.
	2018	138951.6		82791.6	-56160.1	0.	22411.
	2019	138951.6		87830.2	-51121.4	0.	20400.
	2020	138951.6		89036.9	-49914.7	0.	19919.
	2021	138951.6		94577.8	-44373.8	0.	17707.
	2022	138951.6		88309.2	-50642.4	0.	20209.
	2023	138951.6		88267.4	-50684.2	0.	20226.
	2024	138951.6		88558.6	-50393.0	0.	20109.
	2025	138951.6		89676.7	-49274.9	0.	19663.
	2026	138951.6		98926.3	-40025.3	0.	15972.
	2027	138951.6		97417.1	-41534.6	0.	16574.
	2028	138951.6		98386.6	-40565.0	0.	16188.
	2029	138951.6		99530.7	-39420.9	0.	15731.
	2030	138951.6		98124.4	-40827.2	0.	16292.

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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			

00485



2004	--	79974.3
2005	--	77623.6
2006	--	79412.9
2007	--	71173.4
2008	--	69745.4
2009	--	67995.2
2010	--	67116.5
2011	--	62339.8
2012	--	63240.8
2013	--	65145.7
2014	--	59507.9
2015	--	59633.9
2016	--	56433.6
2017	--	57795.4
2018	--	51072.7
2019	--	53946.8
2020	--	54268.8
2021	--	56833.6
2022	--	50458.7
2023	--	50150.9
2024	--	50362.6

00486

2025	--	50285.5
2026	--	54976.7
2027	--	54196.1
2028	--	54695.2
2029	--	55038.5
2030	--	54570.4

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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\$
CO	2001	--		26780.5			
	2002	--		20286.2			
	2003	--		17670.6			
	2004	--		18238.0			
	2005	--		20124.7			
	2006	--		20146.0			
	2007	--		19422.2			
	2008	--		18882.4			
	2009	--		16573.9			
	2010	--		17406.3			
	2011	--		14677.1			
	2012	--		15549.5			
	2013	--		15916.8			
	2014	--		13386.0			
	2015	--		14409.8			
	2016	--		14218.7			
	2017	--		15052.1			
	2018	--		12552.6			
	2019	--		13442.1			
	2020	--		14280.6			
	2021	--		15580.7			
	2022	--		14367.2			
	2023	--		13757.7			
	2024	--		13783.8			
	2025	--		14303.9			
	2026	--		15795.6			
	2027	--		15682.4			
	2028	--		15780.9			
	2029	--		15554.9			
	2030	--		15691.5			

00487

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	--		774.4			
	2006	--		780.3			
	2007	--		741.1			
	2008	--		719.2			
	2009	--		631.6			
	2010	--		658.7			
	2011	--		555.0			
	2012	--		582.1			
	2013	--		596.7			
	2014	--		522.9			
	2015	--		535.4			
	2016	--		476.3			
	2017	--		497.9			
	2018	--		417.8			
	2019	--		440.8			
	2020	--		458.7			
	2021	--		484.3			
	2022	--		488.8			
	2023	--		480.0			
	2024	--		485.1			
	2025	--		504.6			
	2026	--		544.2			
	2027	--		541.2			
	2028	--		544.9			
	2029	--		547.1			
	2030	--		544.9			

00488

PLAN 1

EMIS. TYPE	YEAR	SYSTEM LIMIT TONS	BANKED EMISSION TONS	EMISSIONS TONS	OVER/UNDER TONS	ALLOWANCE COST K\$	ALLOWANCE CREDIT K\$
C02	2001	--		43291088.0			
	2002	--		38734016.0			
	2003	--		42000192.0			
	2004	--		42989664.0			
	2005	--		42395776.0			
	2006	--		43114144.0			
	2007	--		40681120.0			
	2008	--		39766128.0			
	2009	--		37783872.0			
	2010	--		38256816.0			
	2011	--		35505728.0			
	2012	--		35876992.0			
	2013	--		36912848.0			
	2014	--		33935296.0			
	2015	--		32455936.0			
	2016	--		28220512.0			
	2017	--		29025968.0			
	2018	--		25480656.0			
	2019	--		26634096.0			
	2020	--		27022064.0			
	2021	--		28133680.0			
	2022	--		26410512.0			
	2023	--		26412480.0			
	2024	--		26363968.0			
	2025	--		26804832.0			
	2026	--		28733536.0			
	2027	--		28506112.0			
	2028	--		28641072.0			
	2029	--		28705680.0			
	2030	--		28575536.0			

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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\$
HG	2001	--		0.6			

00489

2002	--	0.5
2003	--	0.5
2004	--	0.5
2005	--	0.5
2006	--	0.6
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

00490

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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
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	C02 EMISSIONS TONS	HG EMISSIONS TONS
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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
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
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
PSMREP 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	
1ELECTRIC POWER RESEARCH INSTITUTE					IRP01 EGEAS BASECASE		2/20/ 2	20:26:31

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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

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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
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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
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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
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
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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
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
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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
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TURKEY POINT 1	380.6	5123.8	2034.9	161.0	29.3	775302.3	0.0
TURKEY POINT 2	649.1	8762.5	3145.5	274.6	49.9	1322108.0	0.0
FT LAUD 4	0.0	28.6	1239.8	93.8	2.0	1105587.0	0.0
FT LAUD 5	0.0	30.2	1297.1	98.8	2.1	1164957.0	0.0
EVERGLADES 1	11.3	146.8	35.5	4.8	0.9	22904.1	0.0
EVERGLADES 2	121.6	1590.2	444.3	51.4	9.4	247416.9	0.0
EVERGLADES 3	449.9	5883.6	2613.0	190.4	34.6	915415.6	0.0
EVERGLADES 4	436.9	5713.3	2571.0	184.8	33.6	888917.7	0.0
RIVIERA 3	1029.2	12670.9	2790.3	251.6	45.7	1204418.0	0.0
RIVIERA 4	1019.8	12396.1	3331.3	249.3	45.3	1193383.0	0.0

CAPE CAN 1	1028.0	11513.4	7489.6	323.1	58.7	1553720.0	0.0
CAPE CAN 2	83.3	935.2	556.8	26.2	4.8	125884.0	0.0
SANFORD 3	184.2	1504.3	598.6	42.2	7.7	205189.7	0.0
PUTNAM 1	0.0	37.3	2268.9	683.6	21.1	1001962.3	0.0
PUTNAM 2	0.0	34.2	2131.7	626.6	19.4	918487.8	0.0
MANATEE 1	71.3	944.0	227.8	562.5	5.5	145848.9	0.0
MANATEE 2	329.5	4372.5	988.6	2598.1	25.3	673613.0	0.0
CUTLER 5	0.0	0.0	31.3	3.1	0.1	4420.7	0.0
CUTLER 6	0.0	0.0	71.5	6.5	0.2	9280.6	0.0
MARTIN 1	152.2	1912.3	643.5	1321.6	15.6	428349.3	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		404.7	5505.5	1601.1	3515.0	41.7	1140521.0	0.0
PFM 2-4 GT'S		3.7	28.8	67.3	4.7	0.0	15824.4	0.0
PFM 2-4 GT'S		2.6	20.1	46.9	3.3	0.0	11043.4	0.0
PFM 2-4 GT'S		0.2	1.2	2.9	0.2	0.0	675.2	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	212.5	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	132.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	83.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	50.8	0.0
PPE 3-2 GT'S		0.1	0.4	2.1	0.1	0.0	497.7	0.0
PPE 3-2 GT'S		0.1	0.2	1.4	0.1	0.0	323.8	0.0
SCHERER 4		778.3	28207.2	15378.4	3837.9	80.5	5762222.0	0.3
SJRPP 1 (OWN)		257.5	6559.3	5178.8	1294.7	21.5	1750058.0	0.0
SJRPP 3 (PURCH)		468.3	11929.3	9418.5	2354.6	39.0	3182782.0	0.1
MARTIN 3		0.0	37.2	524.8	102.7	3.8	1539871.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596651.0	0.0
2 ADV CT-MART		59.8	19.9	598.3	66.5	10.0	779151.5	0.0
FIRM PURCHASE		76.0	25.3	760.0	84.4	12.7	989663.7	0.0
2 ADV CT-FT MY		48.5	16.2	485.0	53.9	8.1	631618.4	0.0
PFMREP 1 CT/CC		354.7	118.2	3547.1	394.1	59.1	4619116.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244429.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				
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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
PSNREP 5		247.6	82.5	2475.6	275.1	41.3	3223823.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				2/20/ 2 20:26:31

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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
TURKEY POINT 1		471.3	6344.0	2519.5	199.4	36.3	959944.2	0.0
TURKEY POINT 2		692.0	9342.4	3353.7	292.8	53.2	1409615.0	0.0
FT LAUD 4		0.0	28.4	1231.8	93.2	2.0	1098454.0	0.0
FT LAUD 5		0.0	29.6	1272.4	96.9	2.0	1142783.0	0.0
EVERGLADES 1		9.2	120.4	29.1	3.9	0.7	18787.5	0.0
EVERGLADES 2		114.1	1491.4	416.7	48.3	8.8	232051.0	0.0
EVERGLADES 3		403.4	5275.8	2343.1	170.7	31.0	820854.7	0.0
EVERGLADES 4		376.3	4921.1	2214.5	159.2	28.9	765667.1	0.0
RIVIERA 3		1013.5	12477.8	2747.8	247.8	45.0	1186065.0	0.0
RIVIERA 4		1089.9	13248.8	3560.5	266.4	48.4	1275473.0	0.0
CAPE CAN 1		975.2	10922.6	7105.3	306.5	55.7	1473996.0	0.0
CAPE CAN 2		66.4	745.8	444.1	20.9	3.8	100386.1	0.0
SANFORD 3		173.0	1413.2	562.4	39.7	7.2	192762.4	0.0
PUTNAM 1		0.0	36.7	2234.9	673.4	20.8	986961.4	0.0
PUTNAM 2		0.0	36.6	2281.2	670.6	20.7	982890.2	0.0
MANATEE 1		59.7	789.6	190.5	470.6	4.6	122001.6	0.0
MANATEE 2		331.3	4395.7	993.8	2611.9	25.5	677190.5	0.0
CUTLER 5		0.0	0.0	25.9	2.6	0.1	3648.3	0.0
CUTLER 6		0.0	0.0	59.5	5.4	0.2	7716.0	0.0
MARTIN 1		117.9	1481.8	498.7	1024.1	12.1	331920.8	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		379.7	5164.9	1502.1	3297.5	39.1	1069959.0	0.0
PFM 2-4 GT'S		1.4	11.3	26.5	1.8	0.0	6228.1	0.0
PFM 2-4 GT'S		0.2	1.4	3.2	0.2	0.0	752.2	0.0
PFM 2-4 GT'S		0.1	0.8	1.9	0.1	0.0	456.8	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	146.8	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	85.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	56.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	32.1	0.0
PPE 3-2 GT'S		0.1	0.3	1.5	0.1	0.0	350.2	0.0
PPE 3-2 GT'S		0.0	0.2	0.9	0.1	0.0	213.0	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	529.5	103.6	3.9	1553672.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596692.0	0.0
2 ADV CT-MART		58.6	19.5	585.7	65.1	9.8	762658.3	0.0
FIRM PURCHASE		74.2	24.7	742.0	82.4	12.4	966288.6	0.0
2 ADV CT-FT MY		47.3	15.8	472.6	52.5	7.9	615478.6	0.0
PFMREP 1 CT/CC		361.6	120.5	3615.8	401.8	60.3	4708525.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244435.0	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
PSNREP 5		248.1	82.7	2480.9	275.7	41.3	3230727.0	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		332.7	4478.5	1778.6	140.8	25.6	677668.0	0.0
TURKEY POINT 2		459.6	6204.7	2227.3	194.4	35.4	936187.1	0.0
FT LAUD 4		0.0	26.9	1164.1	88.0	1.9	1038044.1	0.0
FT LAUD 5		0.0	2390.9	303.1	669.9	50.9	1910189.0	0.0
EVERGLADES 1		2.7	35.8	8.7	1.2	0.2	5589.0	0.0
EVERGLADES 2		107.5	1405.9	392.8	45.5	8.3	218740.6	0.0
EVERGLADES 3		408.9	5347.1	2374.7	173.0	31.5	831947.4	0.0
EVERGLADES 4		358.4	4686.4	2108.9	151.6	27.6	729156.2	0.0
RIVIERA 3		806.3	9925.9	2185.8	197.1	35.8	943497.4	0.0
RIVIERA 4		916.7	11143.4	2994.7	224.1	40.7	1072781.0	0.0
CAPE CAN 1		690.0	7728.0	5027.1	216.9	39.4	1042883.2	0.0
CAPE CAN 2		73.8	829.1	493.6	23.2	4.2	111596.3	0.0
SANFORD 3		174.5	1425.3	567.2	40.0	7.3	194421.0	0.0
PUTNAM 1		0.0	31.1	1894.8	570.9	17.6	836744.4	0.0
PUTNAM 2		0.0	30.0	1873.1	550.6	17.0	807051.9	0.0
MANATEE 1		60.6	801.6	193.4	477.7	4.7	123846.9	0.0
MANATEE 2		190.8	2531.9	572.4	1504.4	14.7	390053.1	0.0
CUTLER 5		0.0	0.0	2.1	0.2	0.0	298.1	0.0
CUTLER 6		0.0	0.0	5.0	0.5	0.0	652.6	0.0
MARTIN 1		234.5	2946.7	991.7	2036.4	24.1	660053.6	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
MARTIN 2		328.4	4467.8	1299.3	2852.5	33.8	925547.4	0.0
PFM 2-4 GT'S		0.2	1.7	4.0	0.3	0.0	946.1	0.0
PFM 2-4 GT'S		0.1	1.1	2.6	0.2	0.0	617.4	0.0
PFM 2-4 GT'S		0.1	0.7	1.7	0.1	0.0	393.2	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	120.3	0.0

PFL 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	77.1	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	46.6	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	29.8	0.0
PPE 3-2 GT'S	0.1	0.2	1.2	0.1	0.0	286.4	0.0
PPE 3-2 GT'S	0.0	0.1	0.8	0.1	0.0	187.2	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	542.9	106.2	4.0	1592923.0	0.0
MARTIN 4	0.0	37.8	520.5	104.4	3.9	1565387.0	0.0
2 ADV CT-MART	57.4	19.1	573.7	63.7	9.6	747059.2	0.0
2 ADV CT-FT MY	52.7	17.6	526.7	58.5	8.8	685845.2	0.0
PFMREP 1 CT/CC	364.9	121.6	3648.9	405.4	60.8	4751627.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.4	82.8	2483.8	276.0	41.4	3234456.0	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		347.7	4681.0	1859.0	147.1	26.7	708307.5	0.0
TURKEY POINT 2		439.0	5926.7	2127.5	185.7	33.8	894242.5	0.0
FT LAUD 4		0.0	24.4	1055.2	79.8	1.7	940944.6	0.0
FT LAUD 5		0.0	1750.5	432.9	505.2	37.5	1584682.0	0.0
EVERGLADES 1		0.8	9.8	2.4	0.3	0.1	1526.2	0.0
EVERGLADES 2		113.6	1486.0	415.2	48.1	8.7	231207.2	0.0
EVERGLADES 3		379.1	4957.8	2201.8	160.4	29.2	771373.2	0.0
EVERGLADES 4		391.4	5118.9	2303.5	165.6	30.1	796447.7	0.0
RIVIERA 3		823.5	10138.0	2232.5	201.3	36.6	963656.2	0.0
RIVIERA 4		865.7	10522.8	2827.9	211.6	38.5	1013031.5	0.0
CAPE CAN 1		680.9	7625.7	4960.6	214.0	38.9	1029084.0	0.0
CAPE CAN 2		66.3	744.6	443.3	20.8	3.8	100227.3	0.0
SANFORD 3		170.7	1394.4	554.9	39.1	7.1	190198.4	0.0
PUTNAM 1		0.0	30.1	1830.5	551.5	17.0	808365.9	0.0
PUTNAM 2		0.0	30.7	1914.9	562.9	17.4	825071.6	0.0

MANATEE 1	50.4	666.7	160.8	397.3	3.9	103001.6	0.0
MANATEE 2	178.2	2364.7	534.6	1405.1	13.7	364303.1	0.0
CUTLER 5	0.0	0.0	1.8	0.2	0.0	253.2	0.0
CUTLER 6	0.0	0.0	4.5	0.4	0.0	587.9	0.0
MARTIN 1	226.4	2844.7	957.3	1965.9	23.3	637202.7	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		350.7	4771.0	1387.5	3046.1	36.1	988370.2	0.0
PFM 2-4 GT'S		0.2	1.5	3.5	0.2	0.0	822.4	0.0
PFM 2-4 GT'S		0.1	1.0	2.4	0.2	0.0	557.9	0.0
PFM 2-4 GT'S		0.1	0.6	1.5	0.1	0.0	343.7	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	115.2	0.0

PFL 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	68.4	0.0
PFL 3-2 GT'S	0.0	0.1	0.2	0.0	0.0	46.2	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	26.8	0.0
PPE 3-2 GT'S	0.1	0.2	1.1	0.1	0.0	266.3	0.0
PPE 3-2 GT'S	0.0	0.1	0.7	0.0	0.0	164.3	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	38.4	541.7	106.0	4.0	1589313.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-MART	56.4	18.8	563.7	62.6	9.4	733997.6	0.0
2 ADV CT-FT MY	51.8	17.3	518.2	57.6	8.6	674756.9	0.0
PFMREP 1 CT/CC	363.1	121.0	3630.8	403.4	60.5	4728055.0	0.0
PSNREP 4	249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5	248.2	82.7	2482.5	275.8	41.4	3232731.0	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
TURKEY POINT 1		257.7	3469.2	1377.8	109.0	19.8	524946.1	0.0
TURKEY POINT 2		402.1	5428.6	1948.7	170.1	30.9	819087.0	0.0
FT LAUD 4		0.0	22.8	989.3	74.8	1.6	882207.6	0.0
FT LAUD 5		0.0	78.4	1024.7	92.9	2.8	957777.0	0.0
EVERGLADES 1		0.4	5.0	1.2	0.2	0.0	781.9	0.0
EVERGLADES 2		87.7	1146.9	320.5	37.1	6.7	178441.9	0.0
EVERGLADES 3		360.8	4717.7	2095.2	152.6	27.8	734020.1	0.0
EVERGLADES 4		325.5	4256.6	1915.4	137.7	25.0	662269.7	0.0
RIVIERA 3		729.6	8981.8	1977.9	178.3	32.4	853759.4	0.0
RIVIERA 4		802.4	9754.2	2621.3	196.2	35.7	939041.6	0.0
CAPE CAN 1		598.9	6707.5	4363.3	188.2	34.2	905166.3	0.0
CAPE CAN 2		36.6	410.4	244.4	11.5	2.1	55244.3	0.0
SANFORD 3		134.6	1098.8	437.3	30.8	5.6	149885.7	0.0
PUTNAM 1		0.0	28.3	1720.8	518.4	16.0	759905.7	0.0
PUTNAM 2		0.0	25.4	1584.5	465.8	14.4	682722.2	0.0

MANATEE 1	15.7	207.9	50.2	123.9	1.2	32125.0	0.0
MANATEE 2	101.8	1351.2	305.5	802.9	7.8	208170.9	0.0
CUTLER 5	0.0	0.0	0.9	0.1	0.0	131.3	0.0
CUTLER 6	0.0	0.0	2.3	0.2	0.0	302.2	0.0
MARTIN 1	158.3	1989.0	669.4	1374.6	16.3	445527.0	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
MARTIN 2		288.0	3917.7	1139.3	2501.2	29.6	811582.6	0.0
PFM 2-4 GT'S		0.1	0.8	1.8	0.1	0.0	415.5	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	284.2	0.0
PFM 2-4 GT'S		0.0	0.3	0.7	0.1	0.0	172.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	57.8	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	23.0	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	0.6	0.0	0.0	134.4	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	82.7	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	34.8	490.1	95.9	3.6	1438067.0	0.0
MARTIN 4		0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-MART		49.7	16.6	496.5	55.2	8.3	646615.9	0.0
2 ADV CT-FT MY		45.5	15.2	455.3	50.6	7.6	592939.1	0.0
PFMREP 1 CT/CC		366.8	122.3	3667.9	407.5	61.1	4776476.0	0.0
PSNREP 4		249.1	83.0	2491.5	276.8	41.5	3244454.0	0.0
PSNREP 5		248.3	82.8	2483.5	275.9	41.4	3234057.0	0.0
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PLAN 1 YEAR 2010

ALTERNATIVE	PMT1	SO2	NOX	CO	VOC	CO2	HG
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UNIT NAME	INSTALL YEAR	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	
TURKEY POINT 1		251.6	3387.5	1345.3	106.5	19.4	512572.2	0.0	
TURKEY POINT 2		415.0	5602.0	2011.0	175.6	31.9	845246.6	0.0	
FT LAUD 4		0.0	23.2	1003.6	75.9	1.6	894970.6	0.0	
FT LAUD 5		0.0	1046.3	661.1	330.1	22.9	1302093.0	0.0	
EVERGLADES 1		0.7	9.8	2.4	0.3	0.1	1522.4	0.0	
EVERGLADES 2		98.5	1288.6	360.0	41.7	7.6	200485.5	0.0	
EVERGLADES 3		372.5	4871.4	2163.5	157.6	28.7	757927.3	0.0	
EVERGLADES 4		308.1	4029.0	1813.0	130.3	23.7	626859.2	0.0	
RIVIERA 3		688.4	8474.9	1866.3	168.3	30.6	805576.1	0.0	
RIVIERA 4		817.7	9940.2	2671.3	199.9	36.3	956946.4	0.0	
CAPE CAN 1		568.5	6367.3	4142.0	178.7	32.5	859264.9	0.0	
CAPE CAN 2		67.3	756.0	450.1	21.2	3.8	101758.8	0.0	
SANFORD 3		143.9	1175.1	467.6	33.0	6.0	160283.7	0.0	
PUTNAM 1		0.0	29.0	1762.5	531.0	16.4	778344.9	0.0	
PUTNAM 2		0.0	28.2	1756.4	516.3	16.0	756797.7	0.0	
MANATEE 1		52.4	693.7	167.4	413.4	4.0	107181.0	0.0	
MANATEE 2		175.6	2330.4	526.9	1384.7	13.5	359016.8	0.0	
CUTLER 5		0.0	0.0	1.8	0.2	0.0	259.3	0.0	
CUTLER 6		0.0	0.0	4.3	0.4	0.0	558.8	0.0	
MARTIN 1		127.6	1603.2	539.5	1107.9	13.1	359100.7	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		312.5	4251.7	1236.5	2714.5	32.2	880776.7	0.0
PFM 2-4 GT'S		0.2	1.5	3.6	0.3	0.0	847.6	0.0
PFM 2-4 GT'S		0.1	1.0	2.3	0.2	0.0	543.7	0.0
PFM 2-4 GT'S		0.1	0.7	1.6	0.1	0.0	368.7	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	114.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	79.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	47.5	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	32.0	0.0
PPE 3-2 GT'S		0.1	0.2	1.1	0.1	0.0	260.1	0.0

PPE 3-2 GT'S	0.0	0.1	0.8	0.1	0.0	184.1	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-MART	51.0	17.0	509.6	56.6	8.5	663581.9	0.0
2 ADV CT-FT MY	46.7	15.6	466.6	51.8	7.8	607644.0	0.0
PFMREP 1 CT/CC	383.4	127.8	3833.7	426.0	63.9	4992344.0	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		274.5	3694.6	1467.3	116.1	21.1	559050.4	0.0
TURKEY POINT 2		266.5	3598.0	1291.6	112.8	20.5	542875.7	0.0
FT LAUD 4		0.0	19.5	844.8	63.9	1.3	753337.4	0.0
FT LAUD 5		0.0	21.3	915.2	69.7	1.5	822022.7	0.0
EVERGLADES 1		0.2	2.6	0.6	0.1	0.0	398.7	0.0
EVERGLADES 2		71.7	937.8	262.0	30.3	5.5	145916.9	0.0
EVERGLADES 3		235.4	3078.5	1367.2	99.6	18.1	478979.0	0.0
EVERGLADES 4		185.3	2423.5	1090.6	78.4	14.3	377062.2	0.0
RIVIERA 3		562.8	6929.0	1525.9	137.6	25.0	658628.0	0.0
RIVIERA 4		656.9	7985.4	2146.0	160.6	29.2	768761.4	0.0
CAPE CAN 1		481.5	5393.1	3508.2	151.3	27.5	727787.4	0.0
CAPE CAN 2		25.1	281.8	167.8	7.9	1.4	37927.5	0.0
SANFORD 3		95.2	777.4	309.4	21.8	4.0	106043.1	0.0
PUTNAM 1		0.0	22.9	1394.0	420.0	13.0	615592.0	0.0
PUTNAM 2		0.0	20.1	1250.8	367.7	11.4	538946.6	0.0
MANATEE 1		2.0	26.3	6.3	15.6	0.2	4056.5	0.0
MANATEE 2		76.6	1016.8	229.9	604.2	5.9	156645.1	0.0
CUTLER 5		0.0	0.0	0.4	0.0	0.0	63.4	0.0
CUTLER 6		0.0	0.0	1.1	0.1	0.0	148.4	0.0
MARTIN 1		119.2	1498.0	504.1	1035.2	12.3	335536.9	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		203.6	2770.1	805.6	1768.6	21.0	573864.8	0.0
PFM 2-4 GT'S		0.1	0.4	0.9	0.1	0.0	219.9	0.0
PFM 2-4 GT'S		0.0	0.3	0.6	0.0	0.0	139.1	0.0
PFM 2-4 GT'S		0.0	0.2	0.4	0.0	0.0	90.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	29.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	17.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	12.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	6.9	0.0
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	66.5	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	42.2	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
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-MART		40.8	13.6	408.0	45.3	6.8	531366.9	0.0
2 ADV CT-FT MY		37.7	12.6	376.7	41.9	6.3	490611.4	0.0
PFMREP 1 CT/CC		384.3	128.1	3843.0	427.0	64.0	5004437.0	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		242.5	3265.1	1296.7	102.6	18.7	494049.2	0.0
TURKEY POINT 2		370.0	4995.2	1793.1	156.5	28.5	753689.6	0.0



FT LAUD 4	0.0	19.2	831.0	62.9	1.3	741023.0	0.0
FT LAUD 5	0.0	20.7	891.2	67.9	1.4	800416.4	0.0
EVERGLADES 1	0.5	6.9	1.7	0.2	0.0	1076.9	0.0
EVERGLADES 2	82.3	1076.5	300.8	34.8	6.3	167493.6	0.0
EVERGLADES 3	255.7	3344.3	1485.3	108.2	19.7	520330.6	0.0
EVERGLADES 4	277.9	3634.2	1635.4	117.6	21.4	565435.4	0.0
RIVIERA 3	532.7	6558.3	1444.2	130.2	23.7	623392.7	0.0
RIVIERA 4	647.3	7868.4	2114.5	158.2	28.8	757494.4	0.0
CAPE CAN 1	544.6	6099.7	3967.9	171.2	31.1	823154.8	0.0
CAPE CAN 2	40.7	457.4	272.3	12.8	2.3	61563.3	0.0
SANFORD 3	116.4	950.4	378.2	26.7	4.8	129641.7	0.0
PUTNAM 1	0.0	23.8	1446.2	435.7	13.5	638645.8	0.0
PUTNAM 2	0.0	24.1	1500.3	441.0	13.6	646430.7	0.0

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MANATEE 1	30.0	397.1	95.8	236.7	2.3	61360.3	0.0
MANATEE 2	85.2	1129.9	255.5	671.4	6.6	174074.4	0.0
CUTLER 5	0.0	0.0	1.3	0.1	0.0	187.9	0.0
CUTLER 6	0.0	0.0	3.3	0.3	0.0	424.7	0.0
MARTIN 1	145.3	1825.0	614.2	1261.3	14.9	408802.7	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		264.0	3591.4	1044.5	2293.0	27.2	743999.4	0.0
PFM 2-4 GT'S		0.1	1.1	2.6	0.2	0.0	600.1	0.0
PFM 2-4 GT'S		0.1	0.8	1.8	0.1	0.0	421.5	0.0
PFM 2-4 GT'S		0.1	0.5	1.1	0.1	0.0	263.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	92.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	61.1	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	38.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	26.0	0.0
PPE 3-2 GT'S		0.0	0.2	0.9	0.1	0.0	207.9	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	135.1	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-MART		44.3	14.8	443.0	49.2	7.4	576871.9	0.0
2 ADV CT-FT MY		40.9	13.6	409.5	45.5	6.8	533204.4	0.0
PFMREP 1 CT/CC		385.7	128.6	3857.3	428.6	64.3	5023024.0	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

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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		217.7	2930.6	1163.9	92.1	16.7	443442.0	0.0
TURKEY POINT 2		367.5	4961.4	1781.0	155.5	28.3	748592.3	0.0
FT LAUD 4		0.0	20.9	906.3	68.5	1.4	808155.7	0.0
FT LAUD 5		0.0	84.4	949.2	89.2	2.8	895420.3	0.0
EVERGLADES 1		0.6	8.4	2.0	0.3	0.0	1308.1	0.0
EVERGLADES 2		80.0	1045.9	292.2	33.8	6.2	162725.2	0.0
EVERGLADES 3		289.8	3789.3	1682.9	122.6	22.3	589573.2	0.0
EVERGLADES 4		269.3	3521.4	1584.6	113.9	20.7	547888.7	0.0
RIVIERA 3		642.4	7908.3	1741.5	157.0	28.5	751718.1	0.0
RIVIERA 4		705.4	8574.1	2304.2	172.4	31.3	825432.6	0.0
CAPE CAN 1		499.6	5595.6	3640.0	157.0	28.5	755126.7	0.0
CAPE CAN 2		39.6	445.1	265.0	12.5	2.3	59910.2	0.0
SANFORD 3		170.8	1395.2	555.2	39.2	7.1	190312.0	0.0
PUTNAM 1		0.0	24.4	1486.7	447.9	13.8	656536.6	0.0
PUTNAM 2		0.0	23.3	1453.3	427.2	13.2	626203.9	0.0
MANATEE 1		21.3	281.5	67.9	167.7	1.6	43491.1	0.0
MANATEE 2		111.2	1475.5	333.6	876.7	8.6	227310.9	0.0
CUTLER 5		0.0	0.0	1.6	0.2	0.0	229.2	0.0
CUTLER 6		0.0	0.0	3.8	0.3	0.0	490.4	0.0
MARTIN 1		153.6	1929.9	649.5	1333.7	15.8	432293.5	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
MARTIN 2		232.4	3161.7	919.5	2018.6	23.9	654975.2	0.0
PFM 2-4 GT'S		0.2	1.4	3.2	0.2	0.0	760.4	0.0
PFM 2-4 GT'S		0.1	0.9	2.1	0.1	0.0	491.8	0.0
PFM 2-4 GT'S		0.1	0.6	1.5	0.1	0.0	344.0	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	113.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	77.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	50.3	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	32.0	0.0

PPE 3-2 GT'S	0.1	0.2	1.0	0.1	0.0	244.7	0.0
PPE 3-2 GT'S	0.0	0.1	0.8	0.1	0.0	176.9	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-MART	43.9	14.6	438.9	48.8	7.3	571591.1	0.0
2 ADV CT-FT MY	40.6	13.5	406.1	45.1	6.8	528813.1	0.0
PFMREP 1 CT/CC	385.5	128.5	3854.8	428.3	64.2	5019855.0	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	C02 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		179.4	2415.3	959.2	75.9	13.8	365474.2	0.0
TURKEY POINT 2		259.0	3496.5	1255.1	109.6	19.9	527561.5	0.0
FT LAUD 4		0.0	17.1	742.4	56.2	1.2	661978.6	0.0
FT LAUD 5		0.0	18.8	810.1	61.7	1.3	727587.4	0.0
EVERGLADES 1		0.2	2.4	0.6	0.1	0.0	367.7	0.0
EVERGLADES 2		45.5	595.5	166.4	19.3	3.5	92652.9	0.0
EVERGLADES 3		228.7	2990.8	1328.3	96.8	17.6	465337.7	0.0
EVERGLADES 4		203.4	2659.3	1196.7	86.0	15.6	413760.6	0.0
RIVIERA 3		528.0	6499.8	1431.4	129.1	23.5	617833.2	0.0
RIVIERA 4		578.4	7030.7	1889.4	141.4	25.7	676853.5	0.0
CAPE CAN 1		521.0	5835.6	3796.1	163.8	29.8	787506.7	0.0
CAPE CAN 2		11.4	128.3	76.4	3.6	0.7	17273.9	0.0
SANFORD 3		126.1	1029.6	409.7	28.9	5.3	140443.1	0.0
PUTNAM 1		0.0	20.2	1226.5	369.5	11.4	541635.1	0.0
PUTNAM 2		0.0	19.9	1240.7	364.7	11.3	534582.2	0.0
MANATEE 1		1.5	20.5	4.9	12.2	0.1	3167.9	0.0
MANATEE 2		55.4	735.0	166.2	436.8	4.3	113235.7	0.0
CUTLER 5		0.0	0.0	0.4	0.0	0.0	57.3	0.0
CUTLER 6		0.0	0.0	1.1	0.1	0.0	137.4	0.0

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MARTIN 1 73.5 923.6 310.8 638.3 7.6 206885.4 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		174.1	2367.7	688.6	1511.7	17.9	490495.6	0.0
PFM 2-4 GT'S		0.0	0.4	0.8	0.1	0.0	196.9	0.0
PFM 2-4 GT'S		0.0	0.2	0.6	0.0	0.0	133.7	0.0
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	82.3	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	29.0	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	18.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	11.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	7.8	0.0
PPE 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	65.6	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	40.6	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-MART		32.4	10.8	324.4	36.0	5.4	422400.8	0.0
2 ADV CT-FT MY		26.4	8.8	264.1	29.3	4.4	343942.0	0.0
PFMREP 1 CT/CC		386.2	128.7	3861.7	429.1	64.4	5028743.0	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		279.3	3760.3	1493.4	118.2	21.5	568994.2	0.0

TURKEY POINT 2	347.7	4693.7	1684.9	147.1	26.7	708194.0	0.0
FT LAUD 4	0.0	17.9	773.5	58.5	1.2	689778.1	0.0
FT LAUD 5	0.0	19.5	839.8	64.0	1.3	754276.4	0.0
EVERGLADES 1	0.4	4.8	1.2	0.2	0.0	754.7	0.0
EVERGLADES 2	89.8	1174.4	328.1	38.0	6.9	182721.8	0.0
EVERGLADES 3	306.0	4002.0	1777.4	129.5	23.5	622667.7	0.0
EVERGLADES 4	253.1	3309.5	1489.3	107.1	19.5	514925.1	0.0
RIVIERA 3	560.2	6896.8	1518.8	136.9	24.9	655565.3	0.0
RIVIERA 4	565.3	6871.6	1846.7	138.2	25.1	661530.1	0.0
CAPE CAN 1	553.1	6194.9	4029.8	173.8	31.6	835992.6	0.0
CAPE CAN 2	68.2	766.2	456.2	21.4	3.9	103141.1	0.0
SANFORD 3	181.6	1483.0	590.2	41.6	7.6	202292.2	0.0
PUTNAM 1	0.0	21.6	1312.0	395.3	12.2	579393.6	0.0
PUTNAM 2	0.0	19.4	1206.9	354.8	11.0	520035.2	0.0
MANATEE 1	9.6	127.6	30.8	76.0	0.7	19717.2	0.0
MANATEE 2	149.7	1986.5	449.1	1180.4	11.5	306037.8	0.0
CUTLER 5	0.0	0.0	0.9	0.1	0.0	120.8	0.0
CUTLER 6	0.0	0.0	2.2	0.2	0.0	284.9	0.0
MARTIN 1	40.3	506.0	170.3	349.7	4.1	113343.7	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		270.0	3672.3	1068.0	2344.6	27.8	760746.5	0.0
PFM 2-4 GT'S		0.1	0.8	1.8	0.1	0.0	422.2	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	291.0	0.0
PFM 2-4 GT'S		0.0	0.3	0.8	0.1	0.0	183.4	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	67.9	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	43.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	28.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	19.4	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	148.6	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	94.2	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	38.1	537.4	105.1	3.9	1576835.0	0.0
MARTIN 4	0.0	38.6	530.9	106.4	4.0	1596695.0	0.0
2 ADV CT-MART	12.7	4.2	127.0	14.1	2.1	165369.5	0.0
2 ADV CT-FT MY	10.8	3.6	107.9	12.0	1.8	140515.0	0.0
PFMREP 1 CT/CC	230.2	76.7	2301.6	255.7	38.4	2997243.0	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 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		261.5	3519.7	1397.8	110.6	20.1	532575.2	0.0	
TURKEY POINT 2		282.9	3819.1	1371.0	119.7	21.8	576238.2	0.0	
FT LAUD 4		0.0	13.4	580.4	43.9	0.9	517588.9	0.0	
FT LAUD 5		0.0	14.7	630.7	48.0	1.0	566443.6	0.0	
EVERGLADES 1		10.6	138.7	33.6	4.5	0.8	21646.7	0.0	
EVERGLADES 2		97.6	1275.8	356.5	41.3	7.5	198505.7	0.0	
EVERGLADES 3		225.0	2941.8	1306.5	95.2	17.3	457704.0	0.0	
EVERGLADES 4		208.0	2720.3	1224.2	88.0	16.0	423253.5	0.0	
RIVIERA 3		539.7	6644.5	1463.2	131.9	24.0	631590.4	0.0	
RIVIERA 4		588.6	7155.1	1922.9	143.9	26.2	688828.5	0.0	
CAPE CAN 1		451.1	5052.1	3286.4	141.8	25.8	681773.8	0.0	
CAPE CAN 2		63.9	717.5	427.2	20.1	3.7	96580.8	0.0	
SANFORD 3		146.7	1197.9	476.7	33.6	6.1	163393.9	0.0	
PUTNAM 1		0.0	16.3	990.2	298.3	9.2	437292.6	0.0	
PUTNAM 2		0.0	15.9	989.2	290.8	9.0	426236.8	0.0	
MANATEE 1		61.8	817.5	197.3	487.2	4.8	126314.4	0.0	
MANATEE 2		291.5	3868.2	874.5	2298.5	22.4	595923.8	0.0	
CUTLER 5		0.0	0.0	0.4	0.0	0.0	63.2	0.0	
CUTLER 6		0.0	0.0	1.1	0.1	0.0	145.7	0.0	
MARTIN 1		4.7	58.6	19.7	40.5	0.5	13117.2	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		110.6	1503.9	437.4	960.2	11.4	311546.4	0.0
PFM 2-4 GT'S		0.0	0.4	0.9	0.1	0.0	205.5	0.0
PFM 2-4 GT'S		0.0	0.3	0.6	0.0	0.0	146.2	0.0
PFM 2-4 GT'S		0.0	0.2	0.4	0.0	0.0	91.2	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	32.3	0.0



PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	22.5	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	13.6	0.0
PFL 3-2 GT'S	0.0	0.0	0.0	0.0	0.0	9.6	0.0
PPE 3-2 GT'S	0.0	0.1	0.3	0.0	0.0	72.6	0.0
PPE 3-2 GT'S	0.0	0.0	0.2	0.0	0.0	48.3	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	22.4	316.5	61.9	2.3	928484.0	0.0
MARTIN 4	0.0	30.8	423.3	84.9	3.2	1272963.0	0.0
2 ADV CT-MART	0.1	0.0	0.6	0.1	0.0	722.0	0.0
2 ADV CT-FT MY	0.0	0.0	0.3	0.0	0.0	405.7	0.0
PFMREP 1 CT/CC	190.2	63.4	1901.7	211.3	31.7	2476461.0	0.0
PSNREP 4	183.6	61.2	1836.1	204.0	30.6	2391043.0	0.0
PSNREP 5	162.4	54.1	1624.0	180.4	27.1	2114785.0	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		266.8	3590.9	1426.1	112.9	20.5	543352.2	0.0
TURKEY POINT 2		315.5	4258.8	1528.8	133.5	24.3	642575.4	0.0
FT LAUD 4		0.0	15.0	649.0	49.1	1.0	578719.1	0.0
FT LAUD 5		0.0	16.4	706.9	53.9	1.1	634942.1	0.0
EVERGLADES 1		14.7	191.6	46.3	6.2	1.1	29897.8	0.0
EVERGLADES 2		100.1	1309.4	365.9	42.4	7.7	203722.2	0.0
EVERGLADES 3		240.5	3145.5	1397.0	101.8	18.5	489407.3	0.0
EVERGLADES 4		208.1	2720.9	1224.4	88.0	16.0	423333.9	0.0
RIVIERA 3		544.0	6697.0	1474.8	133.0	24.2	636577.6	0.0
RIVIERA 4		618.2	7514.5	2019.4	151.1	27.5	723423.2	0.0
CAPE CAN 1		503.3	5636.8	3666.8	158.2	28.8	760682.6	0.0
CAPE CAN 2		95.9	1076.8	641.1	30.1	5.5	144939.6	0.0
SANFORD 3		161.3	1317.4	524.3	37.0	6.7	179699.2	0.0
PUTNAM 1		0.0	16.8	1020.6	307.5	9.5	450716.9	0.0
PUTNAM 2		0.0	16.0	999.5	293.8	9.1	430659.4	0.0
MANATEE 1		94.1	1244.4	300.3	741.6	7.2	192273.4	0.0

MANATEE 2	317.9	4218.0	953.6	2506.3	24.5	649816.4	0.0
CUTLER 5	0.0	0.0	0.8	0.1	0.0	116.1	0.0
CUTLER 6	0.0	0.0	2.1	0.2	0.0	271.9	0.0
MARTIN 1	18.8	236.3	79.5	163.3	1.9	52931.4	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
MARTIN 2		138.7	1886.7	548.7	1204.6	14.3	390846.6	0.0
PFM 2-4 GT'S		0.1	0.7	1.7	0.1	0.0	409.2	0.0
PFM 2-4 GT'S		0.1	0.5	1.2	0.1	0.0	286.5	0.0
PFM 2-4 GT'S		0.0	0.3	0.8	0.1	0.0	182.2	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	69.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	47.1	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	29.5	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	21.1	0.0
PPE 3-2 GT'S		0.0	0.1	0.6	0.0	0.0	149.8	0.0
PPE 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	97.2	0.0
SCHERER 4		846.0	30660.6	16716.0	4171.7	87.5	6263390.0	0.3
SJRPP 1 (OWN)		287.4	7322.0	5780.9	1445.2	24.0	1953536.0	0.0
SJRPP 2 (PURCH)		468.3	11929.5	9418.7	2354.7	39.0	3182844.0	0.1
MARTIN 3		0.0	23.7	334.4	65.4	2.5	981080.2	0.0
MARTIN 4		0.0	30.6	421.4	84.5	3.2	1267257.0	0.0
2 ADV CT-MART		0.1	0.0	1.0	0.1	0.0	1300.7	0.0
2 ADV CT-FT MY		0.1	0.0	0.6	0.1	0.0	768.8	0.0
PFMREP 1 CT/CC		199.8	66.6	1998.5	222.1	33.3	2602457.0	0.0
PSNREP 4		187.5	62.5	1875.1	208.3	31.3	2441816.0	0.0
PSNREP 5		166.7	55.6	1667.4	185.3	27.8	2171384.0	0.0
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PLAN 1 YEAR 2018

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		222.7	2998.5	1190.8	94.2	17.1	453716.7	0.0
TURKEY POINT 2		234.2	3162.2	1135.1	99.1	18.0	477120.2	0.0
FT LAUD 4		0.0	11.7	506.1	38.3	0.8	451338.6	0.0
FT LAUD 5		0.0	12.8	549.5	41.9	0.9	493515.1	0.0
EVERGLADES 1		3.7	48.8	11.8	1.6	0.3	7618.4	0.0
EVERGLADES 2		80.1	1048.0	292.8	33.9	6.2	163052.4	0.0
EVERGLADES 3		175.2	2291.4	1017.7	74.1	13.5	356519.4	0.0
EVERGLADES 4		174.1	2276.4	1024.4	73.6	13.4	354176.3	0.0
RIVIERA 3		474.1	5837.2	1285.5	115.9	21.1	554853.1	0.0
RIVIERA 4		495.7	6025.1	1619.2	121.2	22.0	580043.1	0.0
CAPE CAN 1		363.1	4066.9	2645.5	114.1	20.7	548819.2	0.0
CAPE CAN 2		53.0	594.9	354.2	16.7	3.0	80080.7	0.0
SANFORD 3		121.5	991.9	394.7	27.8	5.1	135299.7	0.0
PUTNAM 1		0.0	13.8	838.3	252.6	7.8	370201.3	0.0
PUTNAM 2		0.0	12.3	767.8	225.7	7.0	330824.1	0.0
MANATEE 1		45.8	606.6	146.4	361.5	3.5	93723.1	0.0
MANATEE 2		223.1	2960.9	669.4	1759.4	17.2	456146.9	0.0
CUTLER 5		0.0	0.0	0.3	0.0	0.0	41.0	0.0
CUTLER 6		0.0	0.0	0.7	0.1	0.0	87.3	0.0
MARTIN 1		1.5	18.3	6.1	12.6	0.1	4090.1	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		84.2	1145.9	333.3	731.6	8.7	237393.1	0.0
PFM 2-4 GT'S		0.0	0.3	0.6	0.0	0.0	141.4	0.0
PFM 2-4 GT'S		0.0	0.2	0.4	0.0	0.0	89.7	0.0
PFM 2-4 GT'S		0.0	0.1	0.3	0.0	0.0	61.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	22.4	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	13.8	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	9.6	0.0
PFL 3-2 GT'S		0.0	0.0	0.0	0.0	0.0	6.3	0.0
PPE 3-2 GT'S		0.0	0.0	0.2	0.0	0.0	47.2	0.0
PPE 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	30.2	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	20.5	289.0	56.5	2.1	848040.2	0.0
MARTIN 4	0.0	28.5	391.6	78.5	2.9	1177601.0	0.0
2 ADV CT-MART	0.0	0.0	0.3	0.0	0.0	451.6	0.0
2 ADV CT-FT MY	0.0	0.0	0.2	0.0	0.0	271.8	0.0
PFMREP 1 CT/CC	167.1	55.7	1671.1	185.7	27.9	2176113.0	0.0
PSNREP 4	168.5	56.2	1685.4	187.3	28.1	2194830.0	0.0
PSNREP 5	147.6	49.2	1476.4	164.0	24.6	1922616.0	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	CO2 EMISSIONS TONS	HG EMISSIONS TONS
TURKEY POINT 1		232.1	3124.0	1240.7	98.2	17.9	472705.9	0.0
TURKEY POINT 2		252.8	3412.8	1225.1	107.0	19.4	514937.1	0.0
FT LAUD 4		0.0	12.8	555.7	42.0	0.9	495495.6	0.0
FT LAUD 5		0.0	14.1	605.3	46.1	1.0	543680.4	0.0
EVERGLADES 1		10.8	141.5	34.2	4.6	0.8	22074.7	0.0
EVERGLADES 2		84.8	1109.6	310.0	35.9	6.5	172635.4	0.0
EVERGLADES 3		197.8	2586.4	1148.7	83.7	15.2	402412.5	0.0
EVERGLADES 4		181.6	2375.3	1068.9	76.8	14.0	369563.4	0.0
RIVIERA 3		487.1	5997.2	1320.7	119.1	21.7	570057.8	0.0
RIVIERA 4		531.0	6455.0	1734.7	129.8	23.6	621423.6	0.0
CAPE CAN 1		376.0	4210.9	2739.3	118.2	21.5	568261.1	0.0
CAPE CAN 2		59.6	668.7	398.2	18.7	3.4	90011.2	0.0
SANFORD 3		127.7	1043.0	415.1	29.3	5.3	142267.7	0.0
PUTNAM 1		0.0	14.7	896.5	270.1	8.3	395884.6	0.0
PUTNAM 2		0.0	12.5	781.7	229.8	7.1	336822.4	0.0
MANATEE 1		54.1	716.3	172.8	426.9	4.2	110677.0	0.0
MANATEE 2		241.4	3202.7	724.1	1903.1	18.6	493407.5	0.0
CUTLER 5		0.0	0.0	0.5	0.1	0.0	76.3	0.0
CUTLER 6		0.0	0.0	1.3	0.1	0.0	163.8	0.0
MARTIN 1		6.3	79.1	26.6	54.7	0.6	17718.5	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	CO2 EMISSIONS TONS	HG EMISSIONS TONS
MARTIN 2		95.8	1302.6	378.8	831.6	9.9	269838.0	0.0
PFM 2-4 GT'S		0.1	0.5	1.1	0.1	0.0	251.6	0.0
PFM 2-4 GT'S		0.0	0.3	0.7	0.0	0.0	164.5	0.0
PFM 2-4 GT'S		0.0	0.2	0.5	0.0	0.0	117.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	42.2	0.0

PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	26.9	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	19.4	0.0
PFL 3-2 GT'S	0.0	0.0	0.1	0.0	0.0	11.8	0.0
PPE 3-2 GT'S	0.0	0.1	0.4	0.0	0.0	84.2	0.0
PPE 3-2 GT'S	0.0	0.0	0.3	0.0	0.0	61.2	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
SJRPP 2 (PURCH)	468.3	11929.5	9418.7	2354.7	39.0	3182856.0	0.1
MARTIN 3	0.0	18.9	265.9	52.0	2.0	780225.4	0.0
MARTIN 4	0.0	28.6	394.1	79.0	3.0	1185263.0	0.0
2 ADV CT-MART	0.1	0.0	0.6	0.1	0.0	780.1	0.0
2 ADV CT-FT MY	0.0	0.0	0.4	0.0	0.0	465.5	0.0
PFMREP 1 CT/CC	172.7	57.4	1727.4	191.9	28.8	2249517.0	0.0
PSNREP 4	169.9	56.6	1698.5	188.7	28.3	2211860.0	0.0
PSNREP 5	149.3	49.8	1493.5	165.9	24.9	1944825.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE			IRP01 EGEAS BASECASE				
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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		234.5	3156.3	1253.5	99.2	18.0	477600.6	0.0
TURKEY POINT 2		272.6	3680.4	1321.2	115.3	21.0	555316.0	0.0
FT LAUD 4		0.0	13.3	578.1	43.7	0.9	515500.2	0.0
FT LAUD 5		0.0	14.6	627.7	47.8	1.0	563803.6	0.0
EVERGLADES 1		14.8	193.4	46.8	6.3	1.1	30181.2	0.0
EVERGLADES 2		98.6	1288.9	360.1	41.7	7.6	200535.0	0.0
EVERGLADES 3		220.6	2884.4	1281.0	93.3	17.0	448778.5	0.0
EVERGLADES 4		198.3	2593.2	1166.9	83.9	15.3	403468.1	0.0
RIVIERA 3		471.1	5799.9	1277.2	115.2	20.9	551303.6	0.0
RIVIERA 4		553.6	6729.0	1808.3	135.3	24.6	647800.2	0.0
CAPE CAN 1		389.8	4365.4	2839.7	122.5	22.3	589103.2	0.0
CAPE CAN 2		85.9	964.7	574.4	27.0	4.9	129859.1	0.0
SANFORD 3		141.5	1155.5	459.9	32.4	5.9	157618.2	0.0
PUTNAM 1		0.0	15.5	941.3	283.6	8.8	415700.2	0.0
PUTNAM 2		0.0	15.1	942.5	277.1	8.6	406104.1	0.0

MANATEE 1	85.8	1135.6	274.0	676.8	6.6	175462.9	0.0
MANATEE 2	288.4	3826.3	865.1	2273.6	22.2	589465.9	0.0
CUTLER 5	0.0	0.0	1.0	0.1	0.0	143.9	0.0
CUTLER 6	0.0	0.0	2.4	0.2	0.0	313.9	0.0
MARTIN 1	16.1	202.0	68.0	139.6	1.7	45238.7	0.0
1ELECTRIC POWER RESEARCH INSTITUTE			IRP01 EGEAS BASECASE			2/20/ 2	20:26:31

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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
MARTIN 2		131.9	1793.8	521.7	1145.2	13.6	371599.4	0.0
PFM 2-4 GT'S		0.1	0.8	2.0	0.1	0.0	465.9	0.0
PFM 2-4 GT'S		0.1	0.6	1.4	0.1	0.0	330.7	0.0
PFM 2-4 GT'S		0.1	0.4	1.0	0.1	0.0	230.1	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	84.1	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	58.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	40.7	0.0
PFL 3-2 GT'S		0.0	0.0	0.1	0.0	0.0	25.1	0.0
PPE 3-2 GT'S		0.0	0.1	0.7	0.0	0.0	168.6	0.0
PPE 3-2 GT'S		0.0	0.1	0.5	0.0	0.0	126.7	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	21.4	301.4	59.0	2.2	884381.9	0.0
MARTIN 4		0.0	26.5	364.8	73.1	2.7	1097164.0	0.0
2 ADV CT-MART		0.3	0.1	2.6	0.3	0.0	3336.8	0.0
2 ADV CT-FT MY		0.1	0.0	1.1	0.1	0.0	1402.7	0.0
PFMREP 1 CT/CC		177.1	59.0	1770.7	196.7	29.5	2305852.0	0.0
PSNREP 4		174.5	58.2	1744.7	193.9	29.1	2271930.0	0.0
PSNREP 5		152.8	50.9	1527.5	169.7	25.5	1989181.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE			IRP01 EGEAS BASECASE			2/20/ 2	20:26:31	

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PLAN 1 YEAR 2021

ALTERNATIVE	PMT1	SO2	NOX	CO	VOC	CO2	HG
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UNIT NAME	INSTALL YEAR	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	
TURKEY POINT 1		269.9	3633.6	1443.1	114.2	20.8	549822.2	0.0	
TURKEY POINT 2		248.2	3351.3	1203.0	105.0	19.1	505649.1	0.0	
FT LAUD 4		0.0	13.7	593.3	44.9	0.9	529044.0	0.0	
FT LAUD 5		0.0	14.9	641.9	48.9	1.0	576569.6	0.0	
EVERGLADES 1		22.2	288.9	69.9	9.4	1.7	45076.0	0.0	
EVERGLADES 2		107.9	1410.7	394.2	45.6	8.3	219481.6	0.0	
EVERGLADES 3		235.2	3075.6	1365.9	99.5	18.1	478525.2	0.0	
EVERGLADES 4		189.0	2471.6	1112.2	80.0	14.5	384557.9	0.0	
RIVIERA 3		493.9	6081.0	1339.1	120.7	22.0	578022.0	0.0	
RIVIERA 4		569.1	6918.3	1859.2	139.1	25.3	666030.9	0.0	
CAPE CAN 1		448.7	5025.3	3269.0	141.0	25.6	678162.5	0.0	
CAPE CAN 2		114.5	1286.2	765.8	36.0	6.5	173123.5	0.0	
SANFORD 3		137.5	1122.6	446.7	31.5	5.7	153122.8	0.0	
PUTNAM 1		0.0	15.6	950.8	286.5	8.9	419870.6	0.0	
PUTNAM 2		0.0	13.8	862.5	253.5	7.8	371629.4	0.0	
MANATEE 1		124.3	1644.4	396.8	980.0	9.6	254076.2	0.0	
MANATEE 2		334.2	4435.1	1002.7	2635.4	25.7	683270.2	0.0	
CUTLER 5		0.0	0.0	1.5	0.1	0.0	204.8	0.0	
CUTLER 6		0.0	0.0	3.5	0.3	0.0	449.1	0.0	
MARTIN 1		37.4	469.9	158.1	324.8	3.8	105258.6	0.0	
1ELECTRIC POWER RESEARCH INSTITUTE				IRP01 EGEAS BASECASE				2/20/ 2	20:26:31

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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		142.9	1943.4	565.2	1240.8	14.7	402593.7	0.0
PFM 2-4 GT'S		0.2	1.3	3.1	0.2	0.0	736.2	0.0
PFM 2-4 GT'S		0.1	0.9	2.2	0.2	0.0	514.0	0.0
PFM 2-4 GT'S		0.1	0.6	1.5	0.1	0.0	342.1	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	139.8	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	98.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	62.0	0.0
PFL 3-2 GT'S		0.0	0.1	0.2	0.0	0.0	45.7	0.0
PPE 3-2 GT'S		0.1	0.2	1.2	0.1	0.0	287.9	0.0



PPE 3-2 GT'S	0.0	0.1	0.8	0.1	0.0	190.6	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	21.6	304.6	59.6	2.2	893614.9	0.0
MARTIN 4	0.0	28.3	389.2	78.0	2.9	1170450.0	0.0
2 ADV CT-MART	1.2	0.4	12.0	1.3	0.2	15619.8	0.0
2 ADV CT-FT MY	0.2	0.1	1.5	0.2	0.0	1992.4	0.0
PFMREP 1 CT/CC	180.2	60.1	1802.3	200.3	30.0	2346947.0	0.0
PSNREP 4	174.7	58.2	1747.5	194.2	29.1	2275575.0	0.0
PSNREP 5	153.8	51.3	1537.6	170.8	25.6	2002249.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE			IRP01 EGEAS BASECASE				
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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		302.7	4074.9	1618.3	128.1	23.3	616590.8	0.0
TURKEY POINT 2		362.3	4891.6	1755.9	153.3	27.9	738053.2	0.0
FT LAUD 4		0.0	14.2	616.0	46.6	1.0	549336.7	0.0
FT LAUD 5		0.0	15.4	661.7	50.4	1.1	594315.5	0.0
EVERGLADES 1		33.4	435.1	105.2	14.1	2.6	67896.9	0.0
EVERGLADES 2		124.9	1633.6	456.4	52.9	9.6	254165.3	0.0
EVERGLADES 3		224.2	2932.1	1302.2	94.9	17.2	456203.6	0.0
EVERGLADES 4		254.0	3321.7	1494.8	107.5	19.5	516816.6	0.0
RIVIERA 3		484.4	5963.2	1313.2	118.4	21.5	566830.7	0.0
RIVIERA 4		583.4	7091.4	1905.7	142.6	25.9	682697.7	0.0
CAPE CAN 1		528.9	5923.7	3853.4	166.2	30.2	799398.8	0.0
CAPE CAN 2		200.7	2253.6	1341.9	63.1	11.5	303350.9	0.0
SANFORD 3		169.7	1385.9	551.6	38.9	7.1	189047.7	0.0
PUTNAM 1		0.0	17.2	1044.4	314.7	9.7	461207.3	0.0
PUTNAM 2		0.0	17.5	1088.5	320.0	9.9	469000.1	0.0
MANATEE 1		285.8	3781.0	912.3	2253.2	22.0	584182.1	0.0
MANATEE 2		310.1	4115.2	930.4	2445.3	23.9	633987.5	0.0
CUTLER 5		0.0	0.0	3.3	0.3	0.0	459.0	0.0
CUTLER 6		0.0	0.0	7.6	0.7	0.0	989.5	0.0
MARTIN 1		56.2	705.7	237.5	487.7	5.8	158068.2	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		111.4	1515.9	440.8	967.8	11.5	314024.9	0.0
PFM 2-4 GT'S		0.4	3.0	7.1	0.5	0.0	1662.6	0.0
PFM 2-4 GT'S		0.3	2.2	5.0	0.4	0.0	1185.5	0.0
PFM 2-4 GT'S		0.2	1.5	3.5	0.2	0.0	816.1	0.0
PFL 3-2 GT'S		0.1	0.5	1.5	0.1	0.0	351.5	0.0
PFL 3-2 GT'S		0.1	0.3	1.1	0.1	0.0	249.9	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	162.4	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	120.7	0.0
PPE 3-2 GT'S		0.2	0.5	3.0	0.2	0.0	695.6	0.0
PPE 3-2 GT'S		0.1	0.4	2.0	0.1	0.0	470.6	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
MARTIN 3		0.0	20.3	286.1	56.0	2.1	839508.0	0.0
MARTIN 4		0.0	30.7	422.1	84.6	3.2	1269366.0	0.0
2 ADV CT-MART		2.3	0.8	22.5	2.5	0.4	29322.0	0.0
2 ADV CT-FT MY		1.7	0.6	16.8	1.9	0.3	21828.8	0.0
PFMREP 1 CT/CC		195.3	65.1	1953.5	217.1	32.6	2543859.0	0.0
PSNREP 4		182.9	61.0	1828.9	203.2	30.5	2381657.0	0.0
PSNREP 5		161.9	54.0	1618.9	179.9	27.0	2108230.0	0.0

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UNIT EMISSIONS ANNUAL REPORT

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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
TURKEY POINT 1		266.0	3580.4	1421.9	112.5	20.5	541765.5	0.0
TURKEY POINT 2		333.1	4496.6	1614.1	140.9	25.6	678455.2	0.0
FT LAUD 4		0.0	15.0	649.4	49.1	1.0	579125.1	0.0

FT LAUD 5	0.0	16.3	702.8	53.5	1.1	631257.8	0.0
EVERGLADES 1	47.2	615.0	148.7	20.0	3.6	95961.6	0.0
EVERGLADES 2	112.8	1475.0	412.1	47.7	8.7	229487.9	0.0
EVERGLADES 3	253.5	3315.5	1472.5	107.3	19.5	515857.1	0.0
EVERGLADES 4	240.1	3140.1	1413.1	101.6	18.5	488568.5	0.0
RIVIERA 3	562.4	6924.3	1524.8	137.5	25.0	658180.6	0.0
RIVIERA 4	610.8	7424.7	1995.3	149.3	27.1	714780.2	0.0
CAPE CAN 1	468.3	5245.4	3412.2	147.2	26.8	707861.2	0.0
CAPE CAN 2	189.1	2122.8	1263.9	59.4	10.8	285738.6	0.0
SANFORD 3	173.1	1413.9	562.7	39.7	7.2	192857.7	0.0
PUTNAM 1	0.0	16.7	1015.9	306.1	9.5	448641.2	0.0
PUTNAM 2	0.0	16.0	999.9	293.9	9.1	430822.7	0.0

MANATEE 1	181.6	2402.3	579.6	1431.6	14.0	371161.7	0.0	
MANATEE 2	372.4	4941.1	1117.1	2936.0	28.6	761221.4	0.0	
CUTLER 5	0.0	0.0	2.5	0.2	0.0	349.3	0.0	
CUTLER 6	0.0	0.0	5.7	0.5	0.0	740.6	0.0	
MARTIN 1	48.7	611.2	205.7	422.4	5.0	136916.1	0.0	
1ELECTRIC POWER RESEARCH INSTITUTE					IRP01 EGEAS BASECASE		2/20/ 2	20:26:31

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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		76.9	1046.5	304.3	668.2	7.9	216797.2	0.0
PFM 2-4 GT'S		0.3	2.2	5.0	0.4	0.0	1182.4	0.0
PFM 2-4 GT'S		0.2	1.5	3.5	0.2	0.0	818.8	0.0
PFM 2-4 GT'S		0.1	1.1	2.6	0.2	0.0	603.5	0.0
PFL 3-2 GT'S		0.1	0.3	1.0	0.1	0.0	244.0	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	159.3	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	118.3	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	76.4	0.0
PPE 3-2 GT'S		0.1	0.4	1.9	0.1	0.0	454.8	0.0
PPE 3-2 GT'S		0.1	0.3	1.4	0.1	0.0	337.8	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	23.3	328.2	64.2	2.4	962804.2	0.0
MARTIN 4		0.0	30.6	421.3	84.5	3.2	1266987.0	0.0
2 ADV CT-MART		1.8	0.6	18.3	2.0	0.3	23892.1	0.0
2 ADV CT-FT MY		1.2	0.4	11.5	1.3	0.2	15006.2	0.0
PFMREP 1 CT/CC		192.5	64.2	1924.5	213.8	32.1	2506178.0	0.0
PSNREP 4		182.5	60.8	1825.0	202.8	30.4	2376502.0	0.0
PSNREP 5		161.5	53.8	1615.1	179.5	26.9	2103158.0	0.0
1ELECTRIC POWER RESEARCH INSTITUTE					IRP01 EGEAS BASECASE		2/20/ 2	20:26:31

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PLAN 1 YEAR 2024

ALTERNATIVE	PMT1	SO2	NOX	CO	VOC	CO2	HG
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UNIT NAME	INSTALL YEAR	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS	EMISSIONS TONS
TURKEY POINT 1		289.7	3900.2	1548.9	122.6	22.3	590149.2	0.0
TURKEY POINT 2		340.1	4591.9	1648.4	143.9	26.2	692836.2	0.0
FT LAUD 4		0.0	14.9	647.1	48.9	1.0	577034.7	0.0
FT LAUD 5		0.0	16.3	698.8	53.2	1.1	627611.1	0.0
EVERGLADES 1		44.2	575.7	139.3	18.7	3.4	89844.1	0.0
EVERGLADES 2		118.0	1543.1	431.2	49.9	9.1	240085.1	0.0
EVERGLADES 3		245.1	3205.4	1423.6	103.7	18.9	498715.9	0.0
EVERGLADES 4		223.0	2916.7	1312.5	94.4	17.2	453809.2	0.0
RIVIERA 3		571.9	7041.3	1550.6	139.8	25.4	669306.1	0.0
RIVIERA 4		621.5	7554.8	2030.3	151.9	27.6	727308.4	0.0
CAPE CAN 1		513.3	5749.4	3740.0	161.3	29.3	775873.7	0.0
CAPE CAN 2		201.0	2256.8	1343.8	63.2	11.5	303781.1	0.0
SANFORD 3		214.5	1751.5	697.0	49.2	8.9	238916.1	0.0
PUTNAM 1		0.0	17.0	1034.1	311.6	9.6	456664.0	0.0
PUTNAM 2		0.0	16.9	1056.0	310.4	9.6	454995.8	0.0
MANATEE 1		222.0	2936.6	708.5	1750.0	17.1	453724.3	0.0
MANATEE 2		355.6	4719.1	1066.9	2804.1	27.4	727012.9	0.0
CUTLER 5		0.0	0.0	2.1	0.2	0.0	293.4	0.0
CUTLER 6		0.0	0.0	4.9	0.4	0.0	639.8	0.0
MARTIN 1		39.9	500.9	168.6	346.2	4.1	112197.9	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
MARTIN 2		76.0	1033.3	300.5	659.7	7.8	214060.1	0.0
PFM 2-4 GT'S		0.2	1.8	4.1	0.3	0.0	968.1	0.0
PFM 2-4 GT'S		0.2	1.3	3.0	0.2	0.0	713.3	0.0
PFM 2-4 GT'S		0.1	0.9	2.1	0.1	0.0	495.8	0.0
PFL 3-2 GT'S		0.0	0.3	0.8	0.1	0.0	192.1	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	137.7	0.0
PFL 3-2 GT'S		0.0	0.1	0.4	0.0	0.0	96.5	0.0
PFL 3-2 GT'S		0.0	0.1	0.3	0.0	0.0	60.9	0.0
PPE 3-2 GT'S		0.1	0.3	1.6	0.1	0.0	378.8	0.0

PPE 3-2 GT'S	0.1	0.2	1.2	0.1	0.0	286.9	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
MARTIN 3	0.0	23.5	331.3	64.8	2.4	972102.0	0.0
MARTIN 4	0.0	27.7	381.6	76.5	2.9	1147589.0	0.0
2 ADV CT-MART	1.7	0.6	16.6	1.8	0.3	21679.7	0.0
2 ADV CT-FT MY	0.7	0.2	7.0	0.8	0.1	9126.6	0.0
PFMREP 1 CT/CC	194.7	64.9	1947.0	216.3	32.5	2535478.0	0.0
PSNREP 4	183.9	61.3	1838.8	204.3	30.6	2394479.0	0.0
PSNREP 5	162.9	54.3	1628.7	181.0	27.1	2120939.0	0.0
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PLAN 1 YEAR 2025

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		310.9	4185.4	1662.2	131.5	23.9	633307.2	0.0
TURKEY POINT 2		346.8	4681.2	1680.4	146.7	26.7	706315.7	0.0
FT LAUD 4		0.0	15.8	683.4	51.7	1.1	609435.6	0.0
FT LAUD 5		0.0	17.1	736.4	56.1	1.2	661401.0	0.0
EVERGLADES 1		58.9	768.2	185.8	24.9	4.5	119872.2	0.0
EVERGLADES 2		129.6	1695.1	473.6	54.8	10.0	263731.5	0.0
EVERGLADES 3		256.3	3351.6	1488.5	108.4	19.7	521475.9	0.0
EVERGLADES 4		254.1	3323.4	1495.5	107.5	19.5	517081.6	0.0
RIVIERA 3		608.0	7485.5	1648.4	148.6	27.0	711528.6	0.0
RIVIERA 4		607.5	7385.0	1984.6	148.5	27.0	710960.9	0.0
CAPE CAN 1		546.4	6119.5	3980.8	171.7	31.2	825817.2	0.0
CAPE CAN 2		230.4	2586.7	1540.2	72.4	13.2	348180.1	0.0
SANFORD 3		289.3	2362.2	940.1	66.3	12.1	322213.8	0.0
PUTNAM 1		0.0	18.4	1120.0	337.4	10.4	494611.7	0.0
PUTNAM 2		0.0	16.6	1038.0	305.1	9.4	447228.0	0.0
MANATEE 1		271.2	3588.8	865.9	2138.7	20.9	554491.6	0.0
MANATEE 2		381.9	5066.9	1145.6	3010.8	29.4	780596.0	0.0
CUTLER 5		0.0	0.0	3.1	0.3	0.0	432.2	0.0
CUTLER 6		0.0	0.0	7.0	0.6	0.0	912.1	0.0
MARTIN 1		55.6	698.6	235.1	482.8	5.7	156480.7	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		95.0	1292.5	375.9	825.2	9.8	267754.9	0.0
PFM 2-4 GT'S		0.4	2.8	6.6	0.5	0.0	1552.1	0.0
PFM 2-4 GT'S		0.3	2.0	4.6	0.3	0.0	1083.7	0.0
PFM 2-4 GT'S		0.2	1.4	3.2	0.2	0.0	763.3	0.0
PFL 3-2 GT'S		0.1	0.4	1.4	0.1	0.0	326.1	0.0
PFL 3-2 GT'S		0.1	0.3	1.0	0.1	0.0	225.9	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	149.7	0.0
PFL 3-2 GT'S		0.0	0.2	0.5	0.0	0.0	110.5	0.0
PPE 3-2 GT'S		0.1	0.5	2.7	0.2	0.0	640.3	0.0
PPE 3-2 GT'S		0.1	0.3	1.8	0.1	0.0	428.6	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	23.4	330.7	64.7	2.4	970325.6	0.0
MARTIN 4		0.0	31.5	433.9	87.0	3.3	1305005.0	0.0
2 ADV CT-MART		2.2	0.7	21.5	2.4	0.4	28035.7	0.0
2 ADV CT-FT MY		1.6	0.5	16.0	1.8	0.3	20878.2	0.0
PFMREP 1 CT/CC		204.0	68.0	2040.2	226.7	34.0	2656820.0	0.0
PSNREP 4		189.2	63.1	1891.6	210.2	31.5	2463343.0	0.0
PSNREP 5		168.1	56.0	1681.0	186.8	28.0	2189013.0	0.0
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PLAN 1 YEAR 2026

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		340.9	4589.5	1822.7	144.2	26.2	694463.9	0.0
TURKEY POINT 2		379.0	5116.9	1836.8	160.4	29.2	772048.4	0.0
FT LAUD 4		0.0	15.5	671.3	50.8	1.1	598612.4	0.0
FT LAUD 5		0.0	16.7	718.8	54.8	1.2	645556.0	0.0

EVERGLADES 1	63.8	831.5	201.1	27.0	4.9	129750.1	0.0
EVERGLADES 2	135.2	1768.3	494.1	57.2	10.4	275120.6	0.0
EVERGLADES 3	276.8	3619.6	1607.5	117.1	21.3	563165.0	0.0
EVERGLADES 4	264.3	3456.2	1555.3	111.8	20.3	537739.0	0.0
RIVIERA 3	634.4	7810.2	1719.9	155.1	28.2	742392.0	0.0
RIVIERA 4	688.2	8365.8	2248.2	168.2	30.6	805377.7	0.0
CAPE CAN 1	577.3	6465.6	4205.9	181.4	33.0	872527.1	0.0
CAPE CAN 2	219.7	2466.9	1468.8	69.0	12.6	332056.7	0.0
SANFORD 3	325.7	2659.5	1058.4	74.6	13.6	362766.7	0.0
PUTNAM 1	0.0	19.2	1169.9	352.5	10.9	516640.1	0.0
PUTNAM 2	0.0	17.3	1077.6	316.8	9.8	464289.6	0.0
MANATEE 1	278.9	3689.7	890.2	2198.8	21.5	570075.6	0.0
MANATEE 2	437.3	5802.7	1311.9	3448.0	33.6	893959.9	0.0
CUTLER 5	0.0	0.0	4.1	0.4	0.0	575.4	0.0
CUTLER 6	0.0	0.0	9.7	0.9	0.0	1262.0	0.0
MARTIN 1	57.5	722.7	243.2	499.4	5.9	161872.4	0.0
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PLAN 1 YEAR 2026

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		103.9	1413.7	411.1	902.6	10.7	292862.1	0.0
PFM 2-4 GT'S		0.5	3.6	8.4	0.6	0.0	1967.3	0.0
PFM 2-4 GT'S		0.3	2.7	6.3	0.4	0.0	1488.3	0.0
PFM 2-4 GT'S		0.2	1.9	4.4	0.3	0.0	1027.0	0.0
PFL 3-2 GT'S		0.1	0.6	1.8	0.1	0.0	426.3	0.0
PFL 3-2 GT'S		0.1	0.4	1.4	0.1	0.0	319.1	0.0
PFL 3-2 GT'S		0.0	0.3	0.9	0.1	0.0	217.4	0.0
PFL 3-2 GT'S		0.0	0.2	0.6	0.0	0.0	147.3	0.0
PPE 3-2 GT'S		0.2	0.7	3.6	0.2	0.0	845.6	0.0
PPE 3-2 GT'S		0.1	0.5	2.7	0.2	0.0	628.1	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
MARTIN 3		0.0	24.0	338.9	66.3	2.5	994414.8	0.0
MARTIN 4		0.0	32.0	440.4	88.3	3.3	1324432.0	0.0
2 ADV CT-MART		2.6	0.9	25.5	2.8	0.4	33270.6	0.0



2 ADV CT-FT MY	1.9	0.6	19.0	2.1	0.3	24712.5	0.0
PFMREP 1 CT/CC	210.2	70.1	2102.0	233.6	35.0	2737320.0	0.0
PSNREP 4	192.9	64.3	1928.7	214.3	32.1	2511564.0	0.0
PSNREP 5	171.8	57.3	1718.2	190.9	28.6	2237429.0	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
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TURKEY POINT 1		332.4	4474.9	1777.2	140.6	25.6	677115.7	0.0
TURKEY POINT 2		380.4	5135.4	1843.5	160.9	29.3	774846.8	0.0
FT LAUD 4		0.0	16.5	716.1	54.2	1.1	638592.1	0.0
FT LAUD 5		0.0	17.9	770.3	58.7	1.2	691808.5	0.0
EVERGLADES 1		60.6	789.9	191.1	25.6	4.7	123260.9	0.0

EVERGLADES 2	127.3	1664.6	465.1	53.9	9.8	258989.2	0.0
EVERGLADES 3	278.9	3647.1	1619.7	118.0	21.5	567439.6	0.0
EVERGLADES 4	247.0	3229.4	1453.2	104.5	19.0	502461.5	0.0
RIVIERA 3	611.6	7529.8	1658.2	149.5	27.2	715739.4	0.0
RIVIERA 4	689.3	8379.2	2251.8	168.5	30.6	806675.0	0.0
CAPE CAN 1	602.3	6746.2	4388.5	189.3	34.4	910397.6	0.0
CAPE CAN 2	247.7	2781.0	1655.8	77.8	14.2	374332.7	0.0
SANFORD 3	343.8	2807.3	1117.2	78.8	14.3	382924.4	0.0
PUTNAM 1	0.0	18.9	1152.1	347.1	10.7	508787.2	0.0
PUTNAM 2	0.0	16.2	1008.1	296.4	9.2	434378.5	0.0
MANATEE 1	304.9	4034.2	973.4	2404.1	23.5	623309.3	0.0
MANATEE 2	425.1	5641.3	1275.4	3352.1	32.7	869094.1	0.0
CUTLER 5	0.0	0.0	4.6	0.5	0.0	644.1	0.0
CUTLER 6	0.0	0.0	27.3	2.5	0.1	3548.0	0.0
MARTIN 1	67.1	842.4	283.5	582.2	6.9	188703.1	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		102.9	1399.5	407.0	893.5	10.6	289919.9	0.0
PFM 2-4 GT'S		0.5	3.9	9.2	0.6	0.0	2168.5	0.0
PFM 2-4 GT'S		0.4	3.0	6.9	0.5	0.0	1623.0	0.0
PFM 2-4 GT'S		0.3	2.1	4.9	0.3	0.0	1162.5	0.0
PFL 3-2 GT'S		0.1	0.7	2.1	0.1	0.0	481.8	0.0
PFL 3-2 GT'S		0.1	0.5	1.5	0.1	0.0	348.7	0.0
PFL 3-2 GT'S		0.1	0.3	1.1	0.1	0.0	249.8	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	161.7	0.0
PPE 3-2 GT'S		0.2	0.7	3.9	0.3	0.0	913.6	0.0
PPE 3-2 GT'S		0.2	0.5	3.0	0.2	0.0	700.0	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	24.7	348.6	68.2	2.6	1022902.9	0.0
MARTIN 4		0.0	31.5	433.9	87.0	3.3	1305045.0	0.0
2 ADV CT-MART		2.7	0.9	27.0	3.0	0.4	35129.8	0.0

2 ADV CT-FT MY	2.0	0.7	20.2	2.2	0.3	26292.6	0.0
PFMREP 1 CT/CC	212.2	70.7	2122.3	235.8	35.4	2763665.0	0.0
PSNREP 4	194.2	64.7	1942.5	215.8	32.4	2529541.0	0.0
PSNREP 5	173.2	57.7	1732.3	192.5	28.9	2255874.0	0.0
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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		349.8	4708.3	1869.9	148.0	26.9	712434.4	0.0
TURKEY POINT 2		367.6	4963.0	1781.6	155.5	28.3	748835.8	0.0
FT LAUD 4		0.0	15.6	675.2	51.1	1.1	602046.6	0.0
FT LAUD 5		0.0	16.8	722.7	55.1	1.2	649099.9	0.0
EVERGLADES 1		66.3	864.2	209.0	28.0	5.1	134861.0	0.0
EVERGLADES 2		138.1	1806.3	504.7	58.4	10.6	281035.3	0.0
EVERGLADES 3		259.3	3390.5	1505.8	109.7	19.9	527515.2	0.0
EVERGLADES 4		269.6	3525.0	1586.2	114.0	20.7	548443.2	0.0
RIVIERA 3		639.6	7874.0	1734.0	156.3	28.4	748458.1	0.0
RIVIERA 4		666.5	8101.5	2177.2	162.9	29.6	779939.6	0.0
CAPE CAN 1		605.7	6783.5	4412.7	190.4	34.6	915429.1	0.0
CAPE CAN 2		246.1	2763.7	1645.5	77.4	14.1	372003.1	0.0
SANFORD 3		345.7	2823.6	1123.7	79.2	14.4	385142.2	0.0
PUTNAM 1		0.0	18.6	1134.8	341.9	10.6	501156.6	0.0
PUTNAM 2		0.0	16.9	1053.1	309.6	9.6	453757.9	0.0
MANATEE 1		288.0	3810.3	919.3	2270.7	22.2	588711.4	0.0
MANATEE 2		432.5	5739.1	1297.5	3410.2	33.3	884149.8	0.0
CUTLER 5		0.0	0.0	4.2	0.4	0.0	591.4	0.0
CUTLER 6		0.0	0.0	9.9	0.9	0.0	1290.2	0.0
MARTIN 1		64.6	811.5	273.1	560.8	6.6	181778.8	0.0
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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
MARTIN 2		110.3	1500.1	436.3	957.7	11.4	310759.6	0.0
PFM 2-4 GT'S		0.5	3.7	8.5	0.6	0.0	2007.4	0.0
PFM 2-4 GT'S		0.4	2.8	6.5	0.4	0.0	1518.0	0.0
PFM 2-4 GT'S		0.2	1.9	4.5	0.3	0.0	1056.4	0.0
PFL 3-2 GT'S		0.1	0.6	1.9	0.1	0.0	437.3	0.0
PFL 3-2 GT'S		0.1	0.4	1.4	0.1	0.0	325.4	0.0
PFL 3-2 GT'S		0.1	0.3	1.0	0.1	0.0	224.9	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	3.7	0.2	0.0	859.1	0.0
PPE 3-2 GT'S		0.1	0.5	2.7	0.2	0.0	644.3	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
MARTIN 3		0.0	24.6	347.3	67.9	2.5	1018951.6	0.0
MARTIN 4		0.0	32.1	441.8	88.6	3.3	1328573.0	0.0
2 ADV CT-MART		2.6	0.9	25.9	2.9	0.4	33702.2	0.0
2 ADV CT-FT MY		1.9	0.6	19.2	2.1	0.3	25066.5	0.0
PFMREP 1 CT/CC		211.2	70.4	2112.2	234.7	35.2	2750598.0	0.0
PSNREP 4		193.7	64.6	1936.6	215.2	32.3	2521898.0	0.0
PSNREP 5		172.6	57.5	1726.3	191.8	28.8	2247966.0	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		345.1	4645.1	1844.8	146.0	26.5	702877.7	0.0
TURKEY POINT 2		399.6	5394.0	1936.3	169.0	30.7	813860.1	0.0
FT LAUD 4		0.0	16.6	717.8	54.3	1.1	640078.4	0.0
FT LAUD 5		0.0	18.0	771.9	58.8	1.2	693330.9	0.0
EVERGLADES 1		67.7	883.0	213.6	28.7	5.2	137785.5	0.0
EVERGLADES 2		136.1	1779.3	497.2	57.6	10.5	276837.3	0.0
EVERGLADES 3		278.3	3638.8	1616.0	117.7	21.4	566147.6	0.0
EVERGLADES 4		265.8	3476.2	1564.3	112.5	20.4	540848.5	0.0
RIVIERA 3		636.9	7841.2	1726.8	155.7	28.3	745342.8	0.0
RIVIERA 4		691.0	8399.7	2257.3	168.9	30.7	808647.2	0.0

CAPE CAN 1	634.0	7100.4	4618.9	199.2	36.2	958196.7	0.0
CAPE CAN 2	229.6	2578.0	1535.0	72.2	13.1	347006.7	0.0
SANFORD 3	343.5	2804.9	1116.3	78.7	14.3	382603.7	0.0
PUTNAM 1	0.0	17.7	1078.3	324.9	10.0	476169.8	0.0
PUTNAM 2	0.0	14.3	890.6	261.8	8.1	383750.5	0.0
MANATEE 1	266.0	3519.7	849.2	2097.5	20.5	543810.6	0.0
MANATEE 2	417.9	5544.8	1253.6	3294.8	32.1	854225.0	0.0
CUTLER 5	0.0	0.0	4.5	0.4	0.0	638.2	0.0
CUTLER 6	0.0	0.0	25.2	2.3	0.1	3265.4	0.0
MARTIN 1	66.8	839.1	282.4	579.9	6.9	187945.2	0.0

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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
MARTIN 2		114.0	1550.5	450.9	990.0	11.7	321211.7	0.0
PFM 2-4 GT'S		0.5	3.9	9.1	0.6	0.0	2148.7	0.0
PFM 2-4 GT'S		0.4	2.9	6.8	0.5	0.0	1611.2	0.0
PFM 2-4 GT'S		0.3	2.1	4.9	0.3	0.0	1150.2	0.0
PFL 3-2 GT'S		0.1	0.6	2.0	0.1	0.0	476.1	0.0
PFL 3-2 GT'S		0.1	0.5	1.5	0.1	0.0	346.0	0.0
PFL 3-2 GT'S		0.1	0.3	1.1	0.1	0.0	246.9	0.0
PFL 3-2 GT'S		0.0	0.2	0.7	0.0	0.0	160.1	0.0
PPE 3-2 GT'S		0.2	0.7	3.9	0.3	0.0	906.6	0.0
PPE 3-2 GT'S		0.2	0.5	3.0	0.2	0.0	693.6	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	22.3	314.0	61.4	2.3	921221.9	0.0
MARTIN 4		0.0	32.1	441.6	88.5	3.3	1327970.0	0.0
2 ADV CT-MART		2.7	0.9	26.9	3.0	0.4	34975.7	0.0
2 ADV CT-FT MY		2.0	0.7	20.1	2.2	0.3	26155.7	0.0
PFMREP 1 CT/CC		212.6	70.9	2126.3	236.3	35.4	2768945.0	0.0
PSNREP 4		193.5	64.5	1935.4	215.0	32.3	2520305.0	0.0
PSNREP 5		172.5	57.5	1725.0	191.7	28.8	2246381.0	0.0

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PLAN 1 YEAR 2030

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		331.7	4465.5	1773.4	140.3	25.5	675690.2	0.0
TURKEY POINT 2		405.9	5479.5	1967.0	171.7	31.2	826770.7	0.0
FT LAUD 4		0.0	16.6	720.4	54.5	1.1	642389.7	0.0
FT LAUD 5		0.0	18.0	774.7	59.0	1.2	695758.7	0.0
EVERGLADES 1		66.8	871.0	210.7	28.3	5.1	135922.1	0.0
EVERGLADES 2		139.9	1829.3	511.1	59.2	10.8	284610.2	0.0
EVERGLADES 3		283.9	3712.9	1649.0	120.1	21.8	577685.9	0.0
EVERGLADES 4		261.8	3422.9	1540.3	110.7	20.1	532566.1	0.0
RIVIERA 3		591.4	7280.9	1603.4	144.6	26.3	692080.3	0.0
RIVIERA 4		693.6	8431.4	2265.9	169.6	30.8	811699.4	0.0
CAPE CAN 1		575.1	6440.8	4189.8	180.7	32.9	869178.0	0.0
CAPE CAN 2		251.6	2824.7	1681.9	79.1	14.4	380214.2	0.0
SANFORD 3		382.8	3126.4	1244.2	87.7	16.0	426455.5	0.0
PUTNAM 1		0.0	17.5	1063.1	320.3	9.9	469476.9	0.0
PUTNAM 2		0.0	15.7	978.7	287.7	8.9	421695.2	0.0
MANATEE 1		310.5	4108.4	991.3	2448.3	23.9	634774.4	0.0
MANATEE 2		430.8	5716.7	1292.5	3396.9	33.1	880709.9	0.0
CUTLER 5		0.0	0.0	37.4	3.7	0.1	5276.0	0.0
CUTLER 6		0.0	0.1	83.0	7.5	0.3	10768.0	0.0
MARTIN 1		45.0	564.8	190.1	390.3	4.6	126503.9	0.0
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PLAN 1 YEAR 2030

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		111.6	1518.3	441.6	969.4	11.5	314535.8	0.0
PFM 2-4 GT'S		2.8	21.5	50.3	3.5	0.0	11820.4	0.0
PFM 2-4 GT'S		0.6	4.4	10.2	0.7	0.0	2406.8	0.0
PFM 2-4 GT'S		0.4	3.2	7.4	0.5	0.0	1740.7	0.0
PFL 3-2 GT'S		0.2	1.1	3.4	0.2	0.0	792.4	0.0

PFL 3-2 GT'S	0.1	0.8	2.4	0.2	0.0	558.2	0.0
PFL 3-2 GT'S	0.1	0.5	1.6	0.1	0.0	380.0	0.0
PFL 3-2 GT'S	0.1	0.4	1.2	0.1	0.0	283.4	0.0
PPE 3-2 GT'S	0.3	1.1	6.3	0.4	0.0	1488.5	0.0
PPE 3-2 GT'S	0.2	0.8	4.4	0.3	0.0	1028.3	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
MARTIN 3	0.0	24.8	350.0	68.5	2.6	1027029.9	0.0
MARTIN 4	0.0	29.0	399.6	80.1	3.0	1201786.0	0.0
2 ADV CT-MART	3.4	1.1	33.8	3.8	0.6	44027.2	0.0

2 ADV CT-FT MY	2.6	0.9	26.2	2.9	0.4	34063.8	0.0
PFMREP 1 CT/CC	213.3	71.1	2132.7	237.0	35.5	2777312.0	0.0
PSNREP 4	194.9	65.0	1948.6	216.5	32.5	2537488.0	0.0
PSNREP 5	173.9	58.0	1738.7	193.2	29.0	2264168.0	0.0
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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/ 7 CAPACITY - 1103.000 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)			
2006										
2007										
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2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
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2022										
2023										
2024										
2025										
2026										
2027										
2028										
2029										
2030										
2031										
2032										

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/ 8 CAPACITY - 1103.000 MW NUMBER OF UNITS - 1.00

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

YEAR	CURRENT	AFUDC RATE	AFUDC ACCRUAL	-----CWIP BALANCES-----		NET BOOK VALUE		CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
	DIRECT EXPENSES			DIR. COST	AFUDC	TOTAL	IN RATE BASE (BEG. YEAR)			
2007										
2008										
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2027										
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2030										
2031										
2032										
2033										

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/ 9 CAPACITY - 1103.000 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
2008											
2009											
2010											
2011											
2012											
2013											
2014											
2015											
2016											
2017											
2018											
2019											
2020											
2021											
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2025											
2026											
2027											
2028											
2029											
2030											
2031											
2032											
2033											
2034											

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.  
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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/10 CAPACITY - 1103.000 MW NUMBER OF UNITS - 1.00  
 DIRECT COST PORTION OF CWIP ALLOWED IN RATE BASE - 0.00 PERCENT

CURRENT

NET BOOK VALUE

PLANT





2020  
2021  
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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 - CC-(GREENFIELD) INSTALLED ON 1/ 1/16 CAPACITY - 1103.000 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			
2015											
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2041											

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.  
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PLAN 1 UNIT - CC-(GREENFIELD) INSTALLED ON 1/ 1/18 CAPACITY - 1103.000 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
2017											
2018											
2019											
2020											
2021											
2022											
2023											
2024											
2025											
2026											
2027											
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2036											
2037											
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2040											
2041											
2042											
2043											

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/ 1/20 CAPACITY - 159.000 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	DIR. COST	CWIP BALANCES AFUDC	TOTAL	NET BOOK VALUE IN RATE BASE (BEG. YEAR)	ADDED TO RATE BASE	CAPITAL EXPENSE	BOOK DEPREC.	PLANT CAPITAL CHARGES
2019											
2020											
2021											
2022											
2023											
2024											
2025											
2026											
2027											
2028											
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2036											
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2038											
2039											
2040											
2041											
2042											
2043											
2044											
2045											

NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS FOR A SINGLE UNIT.  
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SYSTEM CONSTRUCTION COST REPORT

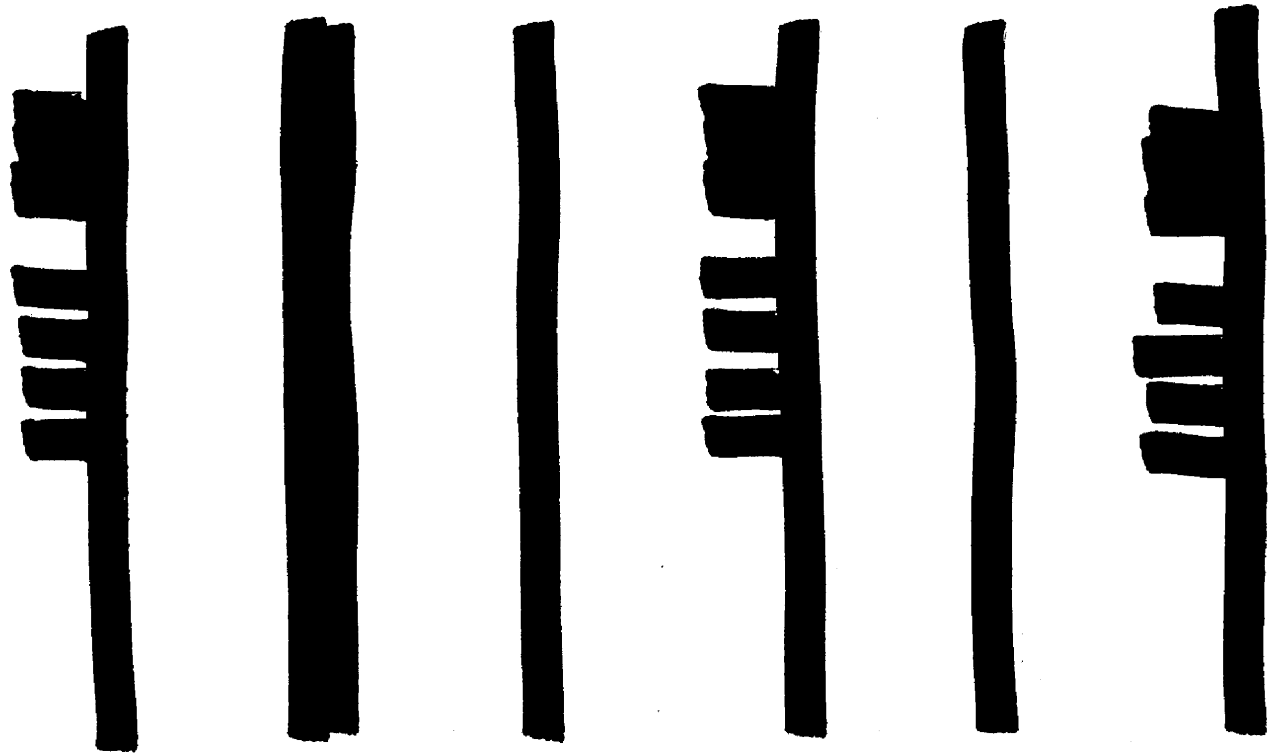
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PLAN 1

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



2004  
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NOTE - ALL COSTS ARE IN THOUSANDS OF CURRENT YEAR DOLLARS.  
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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.	0.	0.	0.	9094865.	9094865.	0.	103650.	87.746	0.464

2006	0.	0.	0.	0.	9422717.	9422717.	0.	107095.	87.985	0.272
2007	0.	590446.	590446.	120667.	9706508.	9827176.	0.	109333.	89.883	2.158
2008	0.	1163400.	1163400.	238883.	9946567.	10185449.	0.	111442.	91.397	1.684
2009	0.	1715163.	1715163.	354050.	10190594.	10544644.	0.	113534.	92.877	1.619
2010	0.	2246521.	2246521.	466301.	10622157.	11088458.	0.	115766.	95.783	3.129
2011	0.	2758310.	2758310.	575781.	10928574.	11504353.	0.	117691.	97.751	2.054
2012	0.	2608886.	2608886.	551340.	11232637.	11783979.	0.	119046.	98.987	1.265
2013	0.	2460262.	2460262.	527029.	11518325.	12045357.	0.	120416.	100.032	1.055
2014	0.	2981419.	2981419.	639379.	11863761.	12503142.	0.	121889.	102.578	2.546
2015	0.	2811906.	2811906.	611652.	12256637.	12868289.	0.	123341.	104.331	1.709
2016	0.	3329324.	3329324.	724319.	12597572.	13321892.	0.	124881.	106.676	2.248
2017	0.	3131449.	3131449.	691952.	12950254.	13642203.	0.	126528.	107.820	1.072
2018	0.	3643163.	3643163.	804648.	13349888.	14154535.	0.	128057.	110.533	2.516
2019	0.	3414179.	3414179.	767194.	13701427.	14468620.	0.	129478.	111.745	1.097
2020	0.	3402130.	3402130.	774140.	14089736.	14863872.	0.	130765.	113.668	1.721
2021	0.	3164977.	3164977.	735348.	14466007.	15201354.	0.	132064.	115.106	1.265
2022	0.	2929591.	2929591.	696847.	14917448.	15614292.	0.	132064.	118.233	2.716
2023	0.	2697016.	2697016.	658804.	15262261.	15921062.	0.	132064.	120.555	1.965
2024	0.	2466586.	2466586.	621112.	15619338.	16240447.	0.	132064.	122.974	2.006
2025	0.	2237697.	2237697.	583673.	16041419.	16625091.	0.	132064.	125.886	2.368
2026	0.	2009761.	2009761.	546390.	16445493.	16991879.	0.	132064.	128.664	2.206
2027	0.	1784831.	1784831.	509598.	16840487.	17350083.	0.	132064.	131.376	2.108
2028	0.	1567901.	1567901.	474115.	17233089.	17707201.	0.	132064.	134.080	2.058
2029	0.	1361537.	1361537.	440359.	17632760.	18073117.	0.	132064.	136.851	2.066
2030	0.	1165890.	1165890.	408357.	18016621.	18424975.	0.	132064.	139.515	1.947

TOTAL

13521904. 380035858. 393557639.

PERCENT INCREASE IN  
SYSTEM AVERAGE RATEPRESENT VALUE REVENUE REQUIREMENTS 3477961. 125764305. 129242235.  
(THOUSANDS OF 2001 DOLLARS)

LEVELIZED SYSTEM AVERAGE RATE = 98.368 \$/MWH

MINIMUM -4.966  
MAXIMUM 3.129

COMPOUND AVERAGE 1.346

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

- \*\* INDICATES CONSTRAINT WAS NOT SATISFIED.

IELECTRIC POWER RESEARCH INSTITUTE

IRP01 EGEAS BASECASE

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EGEAS REPORT VERSION 7.32

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