

With 2.2.01  
**DECLASSIFIED** CONFIDENTIAL

20 Year Self-Build																	
Proposal Size (MW)	574.1																
Year	CC MW	Southern Units Additions CT MW	Total MW	Accumulative MW	Summer Reserve Margin Southern %	Margin Gulf %	Capital Costs (000\$)	Fixed O&M (000\$)	Fixed Fuel Charge (000\$)	Trans. Grid/Conn (000\$)	Trans. Losses (000\$)	Var. O&M / Fuel (000\$)	Expan. Plan Fixed Costs (000\$)	Total (000\$)	Present Worth Factor	PW Rev. Req. (000\$)	Accum. PW Rev. Req. (000\$)
2002	0	600	1174.1	1174.1	13.71	19.1%	25,754	1,413	10,306	0	(9,302)	2,845,354	19,676	2,893,201	1.0000	2,893,201	2,893,201
2003	600	300	900	2074.1	14.14	18.3%	42,214	2,491	17,667	0	(9,531)	2,970,115	63,277	3,086,233	0.9220	2,845,372	5,738,572
2004	600	0	600	2674.1	13.74	16.8%	40,124	2,563	17,667	0	(10,156)	3,110,154	97,434	3,257,786	0.8500	2,769,130	8,507,702
2005	1200	900	2100	4774.1	14.22	14.1%	38,132	2,637	17,667	0	(10,551)	3,318,365	198,701	3,564,950	0.7837	2,793,731	11,301,433
2006	600	0	600	5374.1	13.57	12.4%	38,231	2,713	17,667	0	(10,929)	3,480,084	234,153	3,759,919	0.7225	2,716,564	14,017,997
2007	0	1200	1200	6574.1	14.11	16.5%	34,412	2,791	17,667	0	(10,242)	3,693,345	276,997	4,014,969	0.6661	2,674,448	16,692,445
2008	300	300	600	7174.1	13.56	14.5%	32,649	2,871	17,667	0	(9,208)	3,905,621	306,733	4,256,333	0.6141	2,613,954	19,306,399
2009	600	600	1200	8374.1	14.06	12.2%	30,910	2,954	17,667	0	(6,989)	4,100,888	367,429	4,512,858	0.5662	2,555,196	21,861,595
2010	0	0	0	8374.1	14.4	18.3%	29,164	3,039	17,667	0	(4,715)	4,122,900	367,429	4,535,484	0.5220	2,367,591	24,229,186
2011	900	300	1200	9574.1	13.96	16.1%	27,425	3,126	17,667	0	(2,387)	4,231,956	438,991	4,716,778	0.4813	2,270,068	26,499,254
2012	900	600	1500	11074.1	14.06	11.0%	25,679	3,216	17,667	0	0	4,440,869	523,867	5,011,299	0.4437	2,223,587	28,722,841
2013	1800	0	1800	12874.1	14.23	9.4%	23,940	3,309	17,667	0	0	4,637,669	648,258	5,330,843	0.4091	2,180,771	30,903,612
2014	900	600	1500	14374.1	13.75	7.8%	22,195	3,404	17,667	0	0	4,846,042	736,511	5,625,819	0.3772	2,121,829	33,025,440
2015	1200	600	1800	16174.1	13.93	3.4%	20,455	3,502	17,667	0	0	5,090,296	847,938	5,979,858	0.3477	2,079,342	35,104,782
2016	1200	600	1800	17974.1	13.64		18,710	3,603	17,667	0	0	5,346,092	961,457	6,347,529	0.3206	2,034,932	37,139,714
2017	2100	600	2700	20674.1	13.62		17,137	3,707	17,667	0	0	5,845,007	1,144,105	7,027,623	0.2956	2,077,132	39,216,846
2018	1200	900	2100	22774.1	13.62		15,891	3,814	17,667	0	0	6,262,526	1,275,331	7,575,229	0.2725	2,064,248	41,281,094
2019	2100	0	2100	24874.1	13.85		14,812	3,924	17,667	0	0	6,778,473	1,437,584	8,252,459	0.2512	2,073,289	43,354,383
2020	1500	600	2100	26974.1	13.87		13,727	4,037	17,667	0	0	7,242,483	1,583,483	8,861,396	0.2316	2,052,527	45,406,910
2021	2100	1500	3600	30574.1	13.78		12,647	4,153	17,667	0	0	7,851,764	1,822,761	9,708,992	0.2135	2,073,344	47,480,254
2022	2100	300	2400	32974.1	13.78		4,960	1,780	7,361	0	0	8,407,006	2,008,764	10,429,872	0.1969	2,053,461	49,533,716

YEAR	PEAK DEMAND (MW)	STARTING CAPACITY (MW)	CAPACITY ADDITION (MW)	ENDING CAPACITY (MW)	PERCENT RESERVES
2002	2,265	2,123	574	2,697	19.1%
2003	2,280	2,697	0	2,697	18.3%
2004	2,309	2,697	0	2,697	16.8%
2005	2,347	2,697	-19	2,678	14.1%
2006	2,383	2,678	0	2,678	12.4%
2007	2,425	2,678	148	2,826	16.5%
2008	2,466	2,826	-3	2,823	14.5%
2009	2,515	2,823	-2	2,821	12.2%
2010	2,565	2,821	214	3,035	18.3%
2011	2,614	3,035	0	3,035	16.1%
2012	2,651	3,035	-92	2,943	11.0%
2013	2,678	2,943	-13	2,930	9.4%
2014	2,711	2,930	-7	2,923	7.8%
2015	2,751	2,923	-78	2,845	3.4%
2016	2,787	2,845	-467	2,378	-14.7%
2017	2,829	2,378	-80	2,298	-18.8%
2018	2,871	2,298	-208	2,090	-27.2%
2019	2,914	2,090	-495	1,595	-45.3%
2020	2,957	1,595	0	1,595	-46.1%
2021	3,016	1,595	0	1,595	-47.1%

990325-ET  
(closed)

DOCUMENT NUMBER - DATE  
06261 MAY 18 88  
FPSC-RECORDS/REPORTING

1 ERRATA SHEET

2 Docket Number 990325-EI

3 Michael J. Marler

4 May 11, 1999

5 Page 7, line 3

6 Change "forecasts" to "forecast"

7 Page 7, line 4

8 Add "," after "fuel"

9 Page 7, line 5

10 Change "purchase power" to "purchased power"

11 Page 7, line 17

12 Change "Gulf-specific" to "Gulf's specific"

13 Page 7, line 19

14 Change "our in-service area economy" to "our internal

15 service area economy"

16 Page 7, line 20

17 Change "in-service" to "service area"

18 Page 9, line 6

19 Delete the word "previously"

20 Page 9, line 9

21 Insert the word "modeling" after the word "different"

22 Page 9, line 11

23 Insert the word "and" before the word "internal" and

24 change "it also models" to "the other model is"

25

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990325-E EXHIBIT NO. 11  
COMPANY: Marler  
WITNESS: \_\_\_\_\_  
DATE: 6-7-99

- 1 Page 9, line 12
- 2 Change "reason" to "areas"
- 3 Page 10, line 6
- 4 Change "in the projection can be" to "projection can
- 5 then be"
- 6 Page 11, line 2
- 7 Change "Currently" to "For instance, currently"
- 8 Page 11, line 3
- 9 Change "Escambia County, but beyond" to "Escambia
- 10 County. Beyond"
- 11 Page 11, line 4
- 12 Change "mid to --" to "mid-term range" and change "that
- 13 growth" to "the growth"
- 14 Page 15, line 2
- 15 Change "similarly" to "similar"
- 16 Page 16, line 6
- 17 Change "body heat heating" to "body heat, heating"
- 18 Page 18, line 20
- 19 Change "residential" to "residence"
- 20 Page 20, line 9
- 21 Change "commercial, building" to "commercial building"
- 22 Page 20, line 21
- 23 Delete the comma after "load research"
- 24 Page 20, line 22
- 25 Change "within our" to "within each of our"

- 1 Page 20, line 23
- 2 Change "modeling" to "models"
- 3 Page 21, line 1
- 4 Change "be the outputs" to "be the end-use outputs"
- 5 Page 21, line 2
- 6 Delete the comma after "air conditioning"
- 7 Page 21, line 5
- 8 Change "87-, 60-hour" to "8760 hour"
- 9 Page 21, line 6
- 10 Change "residential model" to "residential HELM model"
- 11 Page 21, line 7
- 12 Change "87-, 60-hour" to "8760 hour"
- 13 Page 21, line 10
- 14 Change "demand output" to "COMMEND output"
- 15
- 16 Page 21, line 14
- 17 Change "modeled under" to "modeled in HELM under"
- 18 Page 21, line 18
- 19 Change "hand-build" to "hand-billed"
- 20 Page 22, line 2
- 21 Change "87, 60" to "8760 hour"
- 22 Page 22, line 6
- 23 Change ", 87-, 60-hour" to "8760 hour"
- 24 Page 22, line 14
- 25 Change "summer peak, Table" to "Summer Peak Table"

1 Page 22, line 15

2 Change "winter peak, Table" to "Winter Peak Table"

3 Page 22, line 23

4 Change "generally" to "January of" and change "All the"

5 to "In all of the"

6 Page 23, line 23

7 Change "Naman's (phonetics)" to "Neyman's"

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1 CERTIFICATE OF DEPONENT

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5 This is to certify that I, Michael J. Marler, have read  
 6 the foregoing transcription of my testimony, page 1 through  
 7 24, given on May 11, 1999, in Docket Number 990325-EI, and  
 8 find the same to be true and correct, with the exceptions,  
 9 and/or corrections, if any, as shown on the errata sheet  
 10 attached hereto.

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*Michael J. Marler*

Michael J. Marler

20 Sworn to and subscribed before me this

21 4th day of June, 1999

22 NOTARY PUBLIC Linda C. Webb

23 State of Florida

24 My Commission Expires: May 31, 2002

25



**LINDA C. WEBB**  
 Notary Public-State of FL  
 Comm. Exp: May 31, 2002  
 Comm. No: CC 725889