State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE:

April 9, 2010

TO:

Ann Cole, Commission Clerk, Office of Commission Clerk

FROM:

Erik L. Sayler, Senior Attorney, Office of the General Counself

RE:

Docket No. 090451-EM - In Re: Joint petition to determine need for Gainesville

Renewable Energy Center in Alachua County, by Gainesville Regional Utilities and

Gainesville Renewable Energy Center, LLC.

Please place GRU/GREC LLC's responses to Staff's Sixth Set of Interrogatories filed April 8, 2010, into the Docket file.

ELS/th Attachment 10 APR -9 AM 8: 56

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Joint petition to determine need for DOCKET NO. 090451-EM Gainesville Renewable Energy Center in Alachua County, by Gainesville Regional DATED: APRIL 8, 2010 Utilities and Gainesville Renewable Energy Center, LLC.

RESPONSES TO STAFF'S SIXTH SET OF INTERROGATORIES (NOS. 117 - 119) TO GAINESVILLE RENEWABLE ENERGY CENTER

Gainesville Regional Utilities (GRU) and Gainesville Renewable Energy Center, LLC (GREC LLC), collectively "Petitioners," pursuant to Rule 28-106.206, Florida Administrative Code, Rule 1.340, Florida Rules of Civil Procedure, and the Order Establishing Procedure in this matter, hereby respond to Staff's Sixth Set of Interrogatories (Nos. 117 - 119).

The answers to Interrogatories Nos. 117 and 118 of Staff's Sixth Set of Interrogatories (Nos. 117 - 119) are provided by Richard D. Bachmeier, Electric System Planning Director, Gainesville Regional Utilities, 301 SE 4th Avenue, Gainesville, Florida 32601.

The answer to Interrogatory No. 119 of Staff's Sixth Set of Interrogatories (Nos. 117 -119) is provided by Joshua H. Levine, American Renewables, LLC, 75 Arlington Street, Fifth Floor, Boston, Massachusetts 02116.

DOCUMENT NUMBER-CATE

RESPONSES

117. Please refer to Staff's Fifth Data Request, Interrogatories 113 through 116. Please complete the tables for each interrogatory, assuming the Base Case and the Delay Case would receive no value from renewable energy credits.

Response to Interrogatory No. 117

Please refer to the enclosed CD, which presents the requested information. Please note that portions of the information requested related to the updated response to Interrogatory No. 114 herein are confidential and has therefore been redacted.

118. Please refer to Staff's Fourth Data Request, Interrogatory 104. Please update these responses with the most recent fuel forecast(s) available. Please also identify the fuel forecast used in the analysis.

Response to Interrogatory No. 118

Please refer to the enclosed CD, which includes the requested information. The fuel price projection utilized in response to Interrogatory No. 118 is based on the US Energy Information Administration's Annual Energy Outlook 2010.

119. Please describe and discuss the potential of renewable energy credit sales to existing markets, either in any Florida-based markets, national markets, or international markets. Please explain or describe whether these markets feature voluntary purchases, or those mandated by a renewable portfolio standard or similar mechanism. Please also supply typical prices for renewable energy credits in each of the markets discussed.

Response to Interrogatory No. 119

There are currently no mandated renewable energy credit markets within the State of Florida, or at the federal level. However, as discussed in Witness Regan's pre-filed

RESPONSES TO STAFF'S SIXTH SET OF INTERROGATORIES TO GAINESVILLE RENEWABLE ENERGY CENTER (NOS. 117 - 119) DOCKET NO. 090451-EM PAGE 3

supplemental testimony, there is a significant amount of activity within both the Florida Legislature and the U.S. Congress in the form of numerous bills that, if cnacted, would establish a renewable portfolio standard at either the state level or federal level and would create a mandatory renewable energy credit market. To provide indicative values of how much renewable energy credits could be worth in these mandatory markets, comparable renewable energy credits in the mandated markets in the Northeast U.S. currently range from \$18 to \$33 per MWh.

Today, the only markets into which GRU would be able to sell renewable energy credits would be national voluntary markets. Recently, GRU sold solar renewable energy credits for \$4.00/MWh into a voluntary market.

RESPONSES TO STAFF'S SIXTH SET OF INTERROGATORIES TO GAINESVILLE RENEWABLE ENERGY CENTER (NOS. 117 - 119) DOCKET NO. 090451-EM PAGE 4

RESPECTFULLY SUBMITTED this 8th day of April, 2010.

Roy C. Young

Florida Bar No.098428

Robert Scheffel Wright

Florida Bar No. 966721

John T. LaVia, III

Florida Bar No. 853666

Young van Assenderp, P.A.

225 South Adams Street, Suite 200

Tallahassee, Florida 32301

Phone: 850/222-7206 FAX: 850/561-6834

Attorneys for GREC LLC and GRU

RESPONSES TO STAFF'S SIXTH SET OF INTERROGATORIES TO GAINESVILLE RENEWABLE ENERGY CENTER (NOS. 117 - 119) DOCKET NO. 090451-EM PAGE 5

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been served by electronic mail and hand delivery (*) or U.S. Mail this 8th day April, 2010, on the following:

Erik Sayler/Martha Carter Brown* Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Raymond O. Manasco, Jr. Gainesville Regional Utilities P.O. Box 147117 Station A-138 Gainesville, FL 32614-7117

J.R Kelly Office of Public Counsel 111 West Madison Street Room 812 Tallahassee, Florida 32399

Paula H. Stahmer 4621 Clear Lake Drive Gainesville, Florida 32607 paulastahmer@aol.com

Dian R. Deevey 1702 SW 35th Place Gainesville, Florida 32608 diandv@bellsouth.net

Attorney

Docket No. 090451-EM Response to Staff Interrogatory No. 117

Docket No. 090451 Response to Interrogatory No. 117 - Update to Interrogatory No. 113 with no Value for Renewable Energy Credits

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Docket No. 090451 - Response to Interrogatory No. 117 - Update to Interrogatory No. 114 v	
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Docket No. 090451 - Response to Interrogationy No. 117 - Update to Interrogationy No. 114 with no Value for Renewable Energy Credite

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er 12	110,240	82,722	1,891	(2)		-	60,690	-	255,642	2,485,815
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Docket No. 090451 - Response to Interrogatory No. 117 - Update to Interrogatory No. 114 with no Value to	for Renewable Energy Credits
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	245,281 8,148,530
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	240,872 6,632,528 239,082 5,674,610
	- 8,871,810

Docket No. 090451 - Response to Interrogatory No. 117 - Update to Interrogatory No. 114 with no Value for Renewable Energy Credits

正规则			Section 1	And the second s					\$176.1415.176.500.500.000.000.000.000.000.000.000.00		
A	Lie ybrietsky is .	والمراوان فيترو والمراوان	ا إمالي الإنساريجية					the the strongs	with the second	S. Alland	
<u>, γ</u> . γ.	1 × 41	* ***	Same Sec.	12 To 15 To 15		RATE OF		4 7 6	A FLAT HAT T	P-72-293	
2000	والمراجع المراجع		S. A			S. 1883	Charles have been been	in and	200		
17 18 18	- J. V	State of the second		Harrie Ba	Subtraction	A	$\mathcal{L}_{\mathcal{L}}$		10	\$4.1.50	
	130,821	79,808	2,170	(1)	and the table of	Company of the party of	CALL CLASS CO.	7.07 (2.7 miles 6)	Sec. 35	100	
	126,329	81,580	2,142	(1)					212,806 210,050		
3.1	117,338	80,173	2,113	(1)					199,623		
· 63	121,675	61,130	2,072	(1)			<u> </u>		204,876		
8 68	119,690	79,984	2,038	(2)					201,660		
- 55° T	117,737	80,988	2,015	(2)	 	-		 	200,719		
	116,816	81.104	1.965	(2)		_			198,904		
- Ug	113,927	81,157	1,965	(1)				 	197.038	1.825.71	
8	112,066	80,555	1,917	(4)	<u>-</u>				194,539		
	110,240	81,991	1,898	(4)	<u>-</u>				194,127	2,014,3	
, - , - , - , - , - , - , - , - , - , -	106,441	88,082	856	(1)					197,358	2,211,7	
138	106.672	88,562	905	(2)				 	196,126		
67.5	104,932	84,720	2,821	(2)	<u> </u>				192,480		
	103,220	85,094	3,022	(1)		 	 		191 334		
	101,538	86,763	2,984	(2)	· · · · · · · ·	· · · · · · · · ·	 		190,281	2,981,9	
	99,879	87,241	3,371	(1)		<u> </u>			190,491	3,172,4	
	90,260	87,453	3,454	(1)		· · · · · · · · · · · · · · · · · · ·		 	189,155		
4 - 5	95,647	106,684	56,336	(0)					259,667	3,621,2	
102	96,070	121,110	50,632						286,812		
	93,519	113,906	57,563			_		 	264,987	4,153,0	
3.5	91,993	118,401	52,952					†·	283,346	4.416.4	
	90,492	112 571	59,806	·					262 868	4.679.2	
	89,016	116.472	55,013	· · · · · · · · · · · · · · · · · · ·					200.501	4.939.7	
.,	67,564	110,414	63,342	_		 			201,379		
	86,135	114,350	65,256						265,741		
1.4	84,730	108,410	71,640						264,779	5,731.6	
	83.348	112.287	67,661		·	<u> </u>			263,296		
	81,968	108,240	74,329			-	 	 	282,558		
	80,650	109,884	70,555		-			 	261,069		
	79,334	104,153	77,173		-			 	260,863		
	3,049,080		859,962			}			6.779.201		

Docket No. 090451 - Response to Interrogatory No. 117 - Update to Interrogatory No. 115 with no Value for Renewable Energy Credits

all products	1774 256 p. in	ALIY CLANGE		V	T		der-Intelli	Security Control	The state of the s
dierstere	为关系统	*****	and the same	京村建筑	SHOW N		TO PERSON	84646A	463 KM26 20
14	1000		10 15 15 TO	1111	. • 7	2000年度18	3	Section And	CRATES.
	- To 100		16. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	100-0-04	11/10/2	1, 12 (3) 3 (4)	XE . WAY		Massachity.
<i>(</i>	Company		· c	C	A COLUMN TO A COLU	The second second	المحد	James Track	No constitution
fifth, fact		V.	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· Value V		and the last		77. 52	die in
	108.89	115.16	101.76	122,64	126.59	118.65	101.76	101.76	101.76
W.L.W	109.80	115.87	103,43	124.97	128.53	121.73	111,02	116.72	103.43
10.	107.56	113.57	101.35	124.25	127.49	121.23	108.79	114.36	101.35
	113.05	116,97	107.28	131,47	134.41	129.49	114.25	119.59	107.28
	114.78	120.63	108.92	134.86	137.46	133.48	113,97	121,28	108.92
015 , 1278 (1278)	117.92	123.64	111.93	140.36	142.54	138,84	119.10	124.58	111.93
	119.87	125.44	114.73	144.49	146.16	144.00	121.05	126,72	114.73
第二章 第二章	122,63	128.10	117.64	149,94	151.17	149.95	123.79	129.31	117.64
700. 200 200. 200	124.98	130.30	120.29	155.01	155.70	155.75	126.14	131.04	120,29
	135.91	135.91	124.24	163.18	163,18	163.55	138.21	138.21	124.24
50°	139.16	139.16	130.79	169.41	169.41	173.99	141.44	141,44	130.79
ny Ar	141.94	141.94	134.49	175.53	175.53	182.39	144,20	144,20	134.49
OF THE	147.18	147,18	136.63 140.58	180.70	187.86	188.00	146.28	146.28	136.63
120	150.34	150.34	144,75	194.91	194.91	197.48 206.94	149.41	152,58	140.58
Str.,	153.99	153.99	150.03	203.46	203.46	218.74	156.20	156.20	144,75
(6)(****)(6)	156,77	156.77	154.25	210.84	210.84	229,19	158.96	158.96	150.03 154.25
845 A.G	209.75	209.75	219.22	245.76	245.76	264,16	211.94	211.54	219.22
MT TEX	223.84	223.84	233,21	260.04	260.04	276.04	226.02	226.02	233,21
CV PN	228.98	228,98	239.80	267.62	267.62	284.71	231,13	231,13	239.80
100 AN	234.79	234.79	246.73	278.58	278.58	297.96	236.93	236,93	246.73
ATT. TIM	241.14	241.14	254.98	287.89	287.89	308.81	243.27	243.27	254.98
A HA	246.55	246.55	261.62	299,41	299,41	323.10	248.66	248.66	261.62
DH	254.51	254.51	271.70	311.07	311.07	336,14	236,61	256.61	271.70
47 33	267.00	267.00	286.07	333.10	333.10	359.96	269.08	269.08	286.07
A L	273.92	273.92	295,10	343.96	343.96	372,51	275.99	275.99	295.10
40 TE	280.95	280.95	303.83	360.57	360.57	392.46	283,01	283.01	303.83
d	288,41	288,41	313,66	372,72	372.72	406.36	290.45	290.45	313.66
\$F. 1.38	293.89	295.89	322.91	391.81	391.81	428.83	297.93	297.93	322.91
E	304.14	304.14	333,80	405.63	405.63	444,75	306.16	306.16	333.80

Docket No. 090451 - Response to Interrogatory No. 117 - Update to Interrogatory No. 116 with no Value for Renewable Energy Credits

NEW WY	žinas Sulik					
		NAME OF	のなかない	Military.		\$23.5°
使	Barthaus surv	+34374238	\$ 5, \$2 To Call	1000	SSGIRE, F	W. Market
27 C T	2			,	8 € ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±	
E. D	** 1 * **		<u> </u>		Feb. 2 15	<u> </u>
1	7,13	13.40	3,99	7,94		
<i>y</i>	6.37	12.44	3.22	6,78	7,59	13.29
20 P	6.21	12.22	3,00	6.26	7,44	13.01
· 7.4	5,77	11.69	1.98	4,92	6,97	12.31
2	5.86	11.71	1.38	3.98	7.05	12.36
řz.	5.99	11.71	1.52	3.70	7.17	12.65
Service Association	5.14	10.71	0.49	2.16	6.32	11.99
	4.99	10.46	(0.01)	1.22	6.15	11.67
	4.69	10.01	(0.74)	(0.05)	5.85	10.75
	11,67	11,67	(0.37)	(0.37)	13.97	13.97
1.5	8.37	8.37	(4,58)	(4.58)	10.65	10.65
3	7,45	7,45	(6.86)	(6.86)	9.71	9.71
447	7.40	7,40	(7.30)	(7,30)	9,65	9.65
	6,60	6.60	(9.62)	(9.62)	2,23	£1.5
	5.59	5.59	(12,03)	(12,03)	7.83	7.33
	3,96	3.96	(15.28)	(15.28)	6,17	6.17
ř.	2,52	2,52	(18.35)	(18.35)	4,71	4,71
*	(9.47)	(9,47)	(18,40)	(18.40)	(7.28)	(7,28)
	(9.37)	(9.37)	(16.00)	(16.00)	(7.19)	(7,19)
	(19,82)	(10.82)	(17.09)	(17.09)	(E.67)	(8.67)
	(11,94)	(11.94)	(19.32)	(19.38)	(9.80)	(9.80)
	(13.84)	(13.84)	(20.92)	(20.92)	(11.71)	(11.71)
7	(15.07)	(15.07)	(23.69)	(23.69)	(12.96)	(12.96)
<i>S</i> ₂	(17.19)	(17.19)	(25.07)	(25.07)	(15.09)	(15.09)
3	(19.07)	(19.07)	(26.16)	(26.86)	(16.99)	(16,99)
7.	(21.18)	(21.18)	(28.55)	(28.55)	(19.11)	(19.11)
يكانون المحد	(22.88)	(22.88)	(31.89)	(31.49)	(20.12)	(20.82)
for each	(25.25)	(25.25)	(33.64)	(33.64)	(23.21)	(23.21)
Bir. Strat	(27.02)	(27,02)	(37.02)	(37.02)	(24.98)	(24.91)
	(29.66)	(29.66)	(39.12)	(39.12)	(27.64)	(27.64)

Docket No. 090451-EM Response to Staff Interrogatory No. 118 Docket No. 090451 • Response to Interrogatory No. 118 Notes:

Notes:	•							
	merica the GREC PPA b							
J. Fixed Od	er are present worth with RM Costs are included i	t a 4.20% discount rate on the "Capital Coess" col	ind 2009 base year.					
	ASC) 2010 Fuel Price I							
06.255	er er er er er er	100	Signature Attended	the profession of	* * * * * * * * * * * * * * * * * * *	DOMESTIC STREET	AND THE STREET	5/08/2515 (F) (6/4/2)
16.0						S. 4. 1. 4. 5. 4. 4. 1. 1.	موديون <u>کي در مور</u> در موردون در موردون در	
	全国 高级系统	Sec. 15 19 19 19 19 19 19 19 19 19 19 19 19 19	Sugar San S			1. 783 Bottom No. 1	Property Co	
A 200	West Rose	Ness Ress	Passes years	prefer office	851 Sec.	Party Minds	Warris Albert	Links 1990
N. 63. 1.5 W.	V200-1000	100	38 N		经有效 对种类		300 miles	CARL THE
2017	22 2 2 A A C		13. X	A CONTRACTOR OF THE SECOND	25.5			通数 3.60
2014	J30,821		2,815	79,170			212,806	212,80
2015	174,329		2,026	97,109			225,465	438,27
2016	117,334		2,029	94,905			214,272	632,34
2017	121,675		2,052	94,445			218,172	870,71
2012	119,690		2,018	93,043			214,751	1,085,46
2019	117,737		1,871	93,972			213,581	1,399,04
2020	115,816		1,844	92,211			209,872	1,504,91
2021	113,927		1,242	91,367			207,342	1,716,23
2022	112,068		1,\$25	90,110			204,004	1,920,26
2423	110,240		1,321	104,383			215,944	2,136,20
2024	108,441		1,353	103,644			213,439	2,349,64
2025	106,672		1,379	102,252			210,305	2,559,94
3926	104,932		1,400	99,739			206,071	2,766,02
2027	103,220		1,411	94,724			203,355	2,969,37
2628	101,536		1,382	97,646			200,564	3,169,93
	99,879		1,397	97,045			196,321	3,364,26
2630	98,250		1,371	95,313			194,934	3,563,19
2031	96,647		2,150	152,340			251,037	3,814,23
2432	95,070		2,479	<u> </u>			258,574	4,072,30
2033	93,519		2,369				255,415	4,32#,22
2034	91,993		2,432				252,886	
2035	90,492		2,323		A.		250,764	
2034	89,016		2,389				247,606	
2037	87,564		2,287	156,949			246,200	5,326,29
2434	86,135		2,458	[6],36			249,961	5,576,25
2039	64,730		2,311	160,595			247,636	5,123,89
2040	13,341		2,399	139,514			245,261	6,069,15
2041	\$1,960		2,256	[58,88]			243,126	6,312,21
2042	20,630		2,344	157,#74			240,173	6,553,15
2043	79,334		2,199	157,545			239,0#2	6,792,23

Docket No. 090451 - Response to Interrogatory No. 118

- Notes:

 1. In all scenarios the GREC PPA begins January 1, 2015.

 2. All figures are present worth with a 4,20% discount rate and 2009 base year.

 3. Fixed O&M Cents are included in the "Capital Cents" column.

 All Capit use A EO 3036 Peel Price Forecast

All Charle tree	AEO 3016 Peel Price F	Terrecast						
340			Service Service	A.,		عيورة المعاورة والرواد		
2000年	and the state of the	garage San Albania				41.000000000000000000000000000000000000	est president in the property	of the military was
3014	130,821		2,915	79,170			212,306	212,806
2015	126,329		2,024	108,682			237,037	449,843
2916	117,33\$		2,029	105,889			225,256	675,098
2017	121,675		2,052	104,647			228,375	903,473
2018	119,690		2,018	102,860			224,568	1,128,041
2019	117,737		1,871	103,785			223,393	1,351,434
2020	115,816		1,844	102,041			219,702	1,571,136
2821	113,927		1,848	100,796			216,571	1,727,707
2022	112,068		1,125	98,037			211,930	1,999,637
2023	110,240		1,321	104,383			215,944	2,215,541
2024	108,44)		1,353	103,644			213,439	2,429,020
2025	106,672		1,379	102,252			210,303	2,639,323
2014	104,932		1,400	99,739			206,071	2,845,394
2827	103,220		1,411				203,355	3,048,749
2025	101,536		1,382				200,564	3,249,313
2029	99,279		1,397				198,321	3,447,634
2030	91,250		1,371				194,934	3,642,568
2031	96,547	L	2,150				251,037	3,093,605
2032	93,070		2,479		<u> </u>		258,574	4,152,178
2033	93,519	4	2,369				255,415	4,407,394
2834	91,993		2,432			<u> </u>	252,888	4,660,482
2035	90,492		2,123				250,784	4,911,266
2636	\$9,016		2,389				247,606	
74137	87,364		2,287			ļ <u>.</u>	246,800	
2034	86,133		2,451				249,961	
3439	84,730		2,311				247,636	
3040	83,349		2,399			<u></u>	245,261	6,148,530
2841	81,961		2,256				243,126	
2042	10,630		2,344				240,872	
2043	79,334	4	2,199	157,545	·		239,002	6,871,610

Docket No. 090451 - Response to Interrogatory No. 118

- 1. In all scenarios the GREC PPA begins January 1, 2015.
 2. All figures are present worth with a 4.20% discount rate and 2009 have year,
 3. Fixed O&M Costs are included in the "Capital Costs" column.
 All Cases wer ABO 2010 Fuell Price Forecast.

873V2	ASO 2010 Fuel Price I		grift entry that	e englis interpret	and the second of the second	TOTAL STREET	of his factorial and the	the state of the s
7. J. V. V.		$C_{\widetilde{X}}^{\frac{2}{2}(1-\delta)}(S_{\widetilde{X}}(F)) = (\widetilde{X}_{\widetilde{X}}(F), \widetilde{X}_{\widetilde{X}}(F)) = (\widetilde{X}_{\widetilde{X}}(F), \widetilde{X}_{\widetilde{X}}(F))$				part to the large	એ ના મામ્યા ભૂ	grade for the taken
	and the second	1936 1 - 5 - 5				1 NO CONTRACT		Broth W. Later
	Marie Land		Bully Street	West Asset	area	Store Char	Wells Street	KAR LAND
	1							
77.	2000 C 2000 C 2000		25.12		A MARIE	2000年度		E A
7014	130,821		2,215	79,170			212,806	212,80
2015	126,329		2,848	\$0,E73			210,050	422,85
2916	117,338		2,\$35	79,449			199,623	622,47
2017	121,675		2,794	\$0,407			204,876	827,35
2010	119,690		2,748	79,252			201,690	1,029,04
2019	117,737		2,499	\$0,412			200,719	1,229,76
2020	115,816		2,472	\$0,616			198,904	1,428,66
2021	113,927		2,472	\$0,639			197,034	1,625,70
3413	112,068		2,440	\$0,031			194,539	1,620,24
2023	110,240		2,468	\$1,419			194,127	2,014,17
2424	108,441		2,478	16,439			197,354	2,211,72
2025	106,672		2,475	86,981	d		196,122	2,407,85
2026	104,932		2,530	85,018			192,480	2,600,33
2027	103,220		2,477	\$5,637			191,334	2,791,67
2028	101,536		2,482	\$6,263			190,281	2,981,95
2029	99,479		2,451	\$4,161			190,491	3,172,44
2030	94,250		2,445	\$\$,459			169,133	3,361,39
2031	96,647		2,696	160,324			259,447	3,621,26
2032	95,070		3,053	168,689			266,212	3,888,07
2433	93,519		2,242	168,626			264,917	4,153,06
2034	91,993		2,955	168,398			263,346	4,416,40
2035	90,492		2,754	169,622			262,464	4,679,27
20136	R9,016		2,869	168,616			260,501	4,939,77
2037	27,564		2,673	171,043			261,319	5,301,09
2434	86,135		2,803	176,803			265,741	3,466,E3
2039	84,730		2,603	177,444			264,779	5,731,61
2046	83,344		2,718	177,230			261,296	5,994,91
2041	81,988		2,524	178,046			762,551	6,257,47
2042	\$0,650		2,630	177,789		I	261,069	6,518,54
2043	79,334		2,444	178,882	1	Ī	260,660	6,779,20

Docket No. 090451 - Response to Interrogatory No. 118 Notes:

- 1. In all scenarios the CREC PPA begins Jumary 1, 2015.
 2. All figures are present worth with a 4,20% discount rate and 2009 base year.
 3. Fixed ORIM Costs are included in the "Capital Costs" column.

A Section					the second of	· ···································	STANCTON STAN	Car Street
18:38		3.21					the extensive Morning that it	
20 May 1	$ \mathcal{G} _{\mathcal{F}}^{2} \approx e^{-1} (4\pi^{2})^{\frac{1}{2}} \leq e^{-1} 25$	$(M_{\mathcal{A}}) \supseteq \mathcal{F}_{\mathcal{A}} \cap \mathcal{F}_{\mathcal{A}} \cap \mathcal{F}_{\mathcal{A}}$					The min do to	
			10. 10.					
2014	130,221	STATE OF THE STATE OF STATES	2,865	79,951	34.474	464 Sept. 10 10 10 10 10 10 10 10 10 10 10 10 10	248.111	248.11
2015	126,329		2.033	97,116	30,791		256,269	504,386
2016	117,332		2,037	93,000		f	247,094	751,47
2017	121,673		2,064	94,434		} 	253,365	1,004,83
2513	119,690	*****	2,003	92,940		 	251,939	1,256,77
2019	117,737		1,880	94,136			253,812	1,510,59
2426	115,216	1	1,860	92,516			252,536	1,763,120
2021	113,927		1,872	91,903	45,369		253,071	2,016,19
2422	112,068		1,234	90,749			252.564	2,268,760
2023	110,240		1,340	104,717	42,239		258,555	2,527,91
2024	106,441		1,357	103,671	45,619		259.089	2.786.40
2025	106,672		1,378	102,214	48,961		239,296	3,045,70
3426	104,932		1,401	99,767	51,630		257,730	3,303,43
2427	103,220		1,411	98,696	55,394	1	258,720	3,562,15
3632	101,536		1,383	97,675	58,551	1	239,143	3,821,29
3629	99,279		1,400	97,094	62,762		761,135	4,082,43
2030	96,250		1,372	95,272	66,349		261,243	4,343,67
2031	96,647		2,149	152,160	42,732		293,689	4,637,360
2032	95,070		2,479	161,029	41,413		299,991	4,937,35
2033	93,519		2,172	159,469	42,742		296,102	5,235,45
2434	91,993		2,432	131,469	46,734		299,624	\$,\$35,04
2035	90,492		2,323	158,013	48,156		294,985	5,834,06
2036	89,016	_	2,389	156,239	52,598		300,242	6,134,310
2437	87,564		2,287	156,941	54,401		301,1 94	6,435,50
26.36	86 ,135		2,458	161,374	61,399		311,367	6,746,27
2039	84,730		2,311	160,575			310,476	
2940	ŧ3,34ŧ		2,399	159,510	69,001		314,258	7,371,60
2641	61,988		2,256	158,877			313,703	7,625,30
2042	80,650	·	2,344	157,272			318,413	2,009,72
2043	79,334		2,199	157,537	79,263		318,333	8,322,05

Docket No. 090451 - Response to Interrogatory No. 118 Notes:

- I. In all semarine the GREC PPA begins January 1, 2015.
- 2. All figures are present worth with a 4.20% discount rate and 2009 base year.
 3. Fixed ORM Costs are included in the "Capital Costs" column.
 All Cases are AIDO 2019 Faul Price Parenzant.

All Cases said	ALCO 2019 Fuel Price	Personal						
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A STATE	安宁 经货币	Bash Bash	100	1.5	沙岛 城 基项等			THE THE
2014	130,821		2,865	79,951	34,474		241,111	248,111
2015	126,329		2,033	106,771	25,082		260,215	501,326
2016	117,138		2,037	104,061	26,594		250,131	758,457
2017	121,675		2,064	102,774	21,725		255,239	1,013,696
2613	119,690		2,003	101,042	30,479		253,214	1,266,909
2619	117,737		088,1	102,483	32,797		254,898	1,521,407
2020	115,816		1,860	101,099	54,718		253,494	1,775,301
2021	113,927		1,872	100,220	37,291		253,309	2,022,610
2022	112,060		1,834	97,783	39,375		251,060	2,279,690
2023	110,240		1,340	104,717	42,259		258,555	2,538,246
2024	106,441		1,357	103,671	45,619		259,089	2,797,335
2025	106,672		1,374	102,284	41,961		259,296	3,036,630
2026	104,932		1,401	99,767	51,630	i	257,730	3,314,360
2027	103,220		1,411	91,696	55,394		258,720	1,573,081
2028	101,536		1,383	97,673	12,551		259,145	1,812,225
2029	99,879	1	1,400	97,094	62,762		261,135	4,093,360
2030	98.250		1,372	93,272	66,349		261,243	4,154,60)
2031	96,647		2,149	152,160	42,732	i	293,689	4,648,292
2032	95,070		2,479	161,029	41,413		299,991	4,948,282
2433	03,510		2,172	159,469	,.		294,102	5,246,3E5
2934	91,993		2,432	158,469	46,734		299,522	3,346,013
2435	90,492		2,323	158,013			298,985	3,844,998
2436	89,016	- L	2,189	156,279			300,242	6,145,240
2437	87,364		2,267	156,941			301,194	6,446,434
2030	86,135		2,458	161,374			311,367	6,757,800
2439	84,730		2,311	160,575			310,476	7,068,276
2940	83,341		2,399				314,258	7,382,534
2941	£1,9\$(2,236	158,877	70,582		313,703	7,696,237
2042	B0,650		2,344	157,878			318,413	8,014,650
3043	79,334		2,199	157,537	79,263		314,333	8,332,983

- 1. In all negration the GRISC PPA begins January 1, 2015.
- 2. All figures are present worth with a 4,20% discount rate and 2009 bears year.

 3. Fixed OdDM Coats are included in the "Capital Coats" calumn.

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Ducket No. 090451 - Remonse to Interrogatory No. 118 Notes:

Notes:	-	- •						
	marios the GREEC PPA b							
2. All Saure	s are present worth with	a 4.20% discount rese s	nd 2009 base year.					
		n the "Capital Costs" col	unan,					
AD LINES HAS A	ARO 2619 Peal Price I	**************************************			· · · · · · · · · · · · · · · · · · ·	Section in the second section have		
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			5.27 V.Z.					100
2614	130.821	25 P. W. S. W. B. L. S.	Pager, Chief	22. 18. 2. 16. 2. 16. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	CARRIED TO MERCEN	HOLD ASSESSED INC.		11. 12. 12. 12. 12. 12. 12. 12. 12. 12.
2015	126,329		1,962	95,970			221,753	229,753
2016	120,329		2,026	95,760			224,115	452,169
2017	121.675		2,029	93,634			213,001	665,870
2015	119,690		2,052	93,257			216,965	882,855
2015			2,018	91,928			213,636	1,096,491
2020	117,737		1,871	92,929			212,538	1,309,029
2021	113,927		1,844	91,233			204,194	1,517,923
2021	113,927		1,848	90,656	<u> </u>	. — — —	206,431	1,724,353
2023			1,825	89,261		<u> </u>	203,154	1,927,507
2024	110,240		1,321	102,801			214,362	2,141,169
2025	108,441		1,353	102,171		<u> </u>	211,966 201,942	2,353,835
2026	106,672			100,891	ļ <u>. — </u>	ļ	204,610	2,562,778
2027	104,932		1,400	94,478			202,90	2,767,588
2020			1,411	97,561			199,465	2,969,779 3,169,267
2429	101,536 99,879		1,342				197,336	3,366,603
2030	98.250		1,371	96,060 94,414	<u> </u>		194,054	3,560,638
203)	94,647		2,150				250.215	3.010.053
2032	93,070		2,479				257,826	4.068.680
2033	93,519		2,369			} _	254,740	
2034	91,993		2,432				252.283	4,575,700
2014	90,492		2,323	157,428			250,244	4,825,944
2014	\$9,016		2,389				247,123	5,073,069
3637	17.564		2.287	156,327			246,378	5,319,447
3808	86,135		2,45			 	249,593	3,569,040
2639	84,730		2,311			1	247,321	5,816,361
2040	83,340		2,399	<u> </u>		<u> </u>	244,997	6,061,357
2041	81,968		2,236				242,908	6,304,265
2441	90,650		2,344				240,699	6,544,964
2963	79,334		2,199				238,951	6,783,915
1	179,537	· 5	g 2,177	12/191		1	40,412.51	-,,-5,515

Docket No. 090431 - Response to Interrogatory No. 118 Note:

1. In all accounting the ORBC PPA begins January 1, 2014.

2. All figures are present worth with a 4.20% discount rate and 2009 bers year.

3. Fixed ORM Costs are included in the "Capital Costs" column.

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2014	130,821		1,962	110,093			242,877	242,877
2015	126,329		2,026	109,254		1	237,609	480,486
2016	117,538		2,029	106,592			225,959	706,445
2017	121,675		2,052	105,676			229,403	935,848
2015	119,690		2,018	103,848			225,556	1,161,404
2019	117,737		1,271	104,269			223,878	1,385,281
3020	115,816		1,844	101,93			219,599	1,604,880
2021	113,927		1,848	100,840			216,615	1,821,495
7077	112,064		1,825	98,890			112,783	2,034,278
2023	110,240		1,321	102,801			214,362	2,248,640
2024	108,441		1,353	102,171			211,966	2,460,606
2425	106,672		1,379	100,191			208,942	2,669,549
2026	104,937		1,400	98,478			204,810	
2927	103,220		1,411	97,561			202,191	3,076,550
2928	101,536		1,322	96,569			199,488	3,276,038
2429	99,679		1,397	96,060			197,556	3,473,374
2830	99,250		1,371	94,414			194,034	3,667,409
2031	96,647	/	2,150	151,411			250,215	3,917,624
1032	95,070		2,479	160,277			257,826	
2833	93,519		2,369	154,851			254,740	
2034	91,993	}	2,432	157,836			252,281	4,682,471
2005	90,490	2	2,323	157,428			250,244	4,932,713
2936	19,016	1	2,389	133,715			247,125	
2037	87,364		2,287	136,527			246,378	
2038	\$6,135	3	2,459]6],000			249,393	
203/9	84,734)	2,311	160,290			247,321	
2040	63,341		2,399	159,250			244,997	
294]	1 (,94)		2,256	158,664			242,901	
2942	10,630	3	2,344	157,70;			240,699	
260	79,334		2,199	157,417	7		238,931	6,890,646

Docket No. 090451 - Response to Interrogatory No. 118

- 1. In all scenarios the CREC PPA begins January 1, 2014.
 2. All figures are present worth with a 4.20% discount rate and 2009 bess year.
 3. Fixed O&M Costs are included in the "Capital Costs" column.
 All Cases are AEO 2010 Fand Princ Forestant.

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2014	130.121	Same and the same of the same			100 A	Section of the sectio	15 3 16 18 18 18 18 18 18 18 18 18 18 18 18 18	100
2015	130,821		2,115	79,170			212,806	212,800
2014	117,332		2,848	80,873 79,449			210,050	422,854
2917	121,673		2,794	80.407			199,625 204,876	622,475 827,354
2918	119,690		2,748	79.252			201,690	1,029,044
2019	117,737		2,499	99,232		 	200,719	1,229,763
2020	115,816		2,472	80,616			198,904	1,428,667
2921	113,927	<u> </u>	2,472	\$0,639			197,031	1,625,703
2022	112.068		2,440	20,031			194,539	1,820,244
2023	110,240		2,461	\$1,419		······	194,127	2,014,371
1014	108,441		2,474	26,439	 	 	197,350	2,211,72
2025	106,672		2,175	\$6,981			196 128	2,407,857
2024	104,932		2,530	85,018			192,480	2,600,33
1627	103,220		2,177	85,637			191,334	2,791,67
2028	101,536		2,482	\$6,763			190,281	2,981,953
2029	99,879		2,451	22,161			190,491	3,172,44
29.30	94,250		2,445	22,459			189,155	3,361,59
2631	96,647		2,696	160,324	1		259,667	3,621,26
2437	95,070		3,053	168,689	î		266,812	3,888,076
2033	93,519		2,842	168,626			264,987	4,153,063
2834	91,993		2,955	168,398			263,346	4,416,409
2035	90,492		2,754	169,622			262,648	4,679,27
2036	89,016		2,869	168,616		\	260,501	4,939,77
2037	87,564		2,673	171,063		1	261,319	5,201,09
2438	\$6,135		2,403	176,803			265,74]	5,466,839
2039	84,730		2,605	177,444			264,779	5,731,618
2840	\$3,34 8		2,718	177,230			763,296	5,994,91
2041	81,940		2,324	178,046			242,552	6,257,47
2442	80,656		2,630	177,789			261,069	6,512,54
2943	79,33		2,444	172,22			260,660	5,779,201

Docket No. 090451 - Response to Interrogatory No. 118 Notes:

- 1. In all someties the CREC PPA bugins January 1, 2014.
 2. All figures are present worth with a 4.20% discount rate and 2009 base year.
 3. Pined OdAM Costs are included in the "Capital Costs" column,
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AR Cases use /	NEO 2010 Past Price I							
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2014	130,821		1,993	96,088	21,594		257,496	257,496
2015	126,329		2,033	95,767	30,791		254,920	512,415
2016	117,338		2,037	93,729	32,718		245,823	758,239
2017	121,675		2,064	93,246	35,193		252,174	1,010,417
3913	119,690		2,003	91,\$26	37,305		250,824	1,261,241
2019	117,737		1,580	93,093	40,0\$2		252,768	1,514,009
3636	115,816		1,860	91,537	42,344		251,558	1,765,568
2021	113,927		1,172	90,992	45,369	1	252,160	2,017,727
2073	112,062		1,854	19,199	47,894		251,715	2,269,442
2023	110,340		1,340	103,135	42,259		256,974	2,526,416
2924	108,441		1,357	102,198	45,619	(257,616	2,784,031
2025	106,672		1,378	100,923	44,961		257,935	1,041,967
2024	104,937		1,401	98,507	51,630		256,469	3,298,436
2027	103,220		1,411	97,532	55,394		257,557	3,555,993
2928	101,336		1,383	96,599	58,551		258,068	3,214,061
2029	99,279		1,400	96,109	62,762		260,150	4,074,211
2030	94,230		1,372	94,373	66,349		260,344	4,534,554
2931	96,647		2,149	151,359	42,732		292,867	4,627,422
2032	93,070	·	2,479	160,212	41,413		299,243	4,925,665
2033	93,319		2,372	154,793	42,742		297,427	5,224,092
2034	91,993		2,432	157,863	46,734		299,022	5,523,113
2035	90,492		2,323	157,473	48,156		298,444	5,421,357
2036	19,016		2,389	155,757	52,592		299,760	6,121,311
2037	17,564		2,287	156,520	54,401		300,772	6,422,090
2036	\$6,135		2,451	161,006	61,399		310,999	6,733,089
2039	84,730		2,311	160,260	62,860		310,160	7,043,249
2046	13,541		2,199	159,246	69,001		313,993	7,357,242
2041	11,981		2,256	134,659	70,582		313,425	7,670,727
2947	\$0,6,5		2,344	157,703	77,541		31\$,240	7,989,967
2043	79,334		2,199	157,406	79,263	<u> </u>	318,202	1,307,169

Docket No. 090451 - Response to Interrogatory No. 11\$ Notes:

- 1, in all scenarios the GREC PPA begins January 1, 2014.
- 2. All Egures are present worth with a 4.20% discount rate and 2009 base year.

 3. Foxed OatM Cours are included in the "Capital Costs" column,
 All Cauco use AliO 2019 Fund Price Response.

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2914	130,82)		1,993	105,384	23,285		261,483	261,483
2015	126,329		2,033	104,162	25,042		237,606	519,069
2016	117,338		2,037	101,284	26,694		247,333	766,444
2017	121,675		2,064	99,973	28,725		252,438	1,018,881
2019	119,690		2,003	97,733	30,479		249,904	1,268,786
2019	117,737		1,\$30	98,080	12,797		250,495	1,519,281
2020	115,216		1,860	95,513	14,718		247,907	1,767,131
2021	113,927		1,872	94,086	17,291		247,176	2,014,364
2027	112,068		1,254	92,032	39,375		245,335	2,259,690
7073	110,240		1,340	103,135	42,259		256,974	2,516,672
2024	108,441		1,357	102,196	45,619		257,616	2,774,281
2025	106,672		1,378	100,923	48,961		257,935	3,032,223
2026	104,912		1,401	98,507	51,630		256,469	3,288,692
2927	103,220	·	1,411	97,532	55,394		257,557	3,546,249
3634	101,536	1	1,340	96,599	58,551		258,068	3,804,31
2427	99,179	·	1,400	96,109	62,762		260,150	4,064,467
2030	94,250		1,372	94,373	66,149		260,544	4,324,811
2031	96,647	·	2,149	151,139	42,732		292,867	4,617,670
2032	93,070		2,479	160,282	41,413		299,243	4,916,921
2033	93,319		2,372	158,793	42,743		297,427	5,214,149
2634	91,993		2,432	157,563	46,734		299,022	5,513,376
2035	90,492		2,323	157,473	48,156		298,444	
2036	39,016		2,389	155,757	52,590		299,760	6,111,574
7037	17,364		2,287	156,520	54,401		300,772	6,412,344
2436	#6,135		2,451	161,000	61,399		310,999	6,723,345
2639	84,730		2,311	160,260	62,860		310,160	7,033,50
2040	83,341		2,399	139,246	69,001		313,993	7,347,49
204)	11,981		2,256	[58,659	70,582		313,485	7,660,9%
2943	80,650		2,344	157,705	77,541	}	312,240	7,979,22
2643	79.334	t	2,199	157,400	79.263		311,267	1,297,421

Docket No. 090451 - Response to Interrogatory No. 118

Notes:

- 1. In all scenarios the GREC PPA bugins January 1, 2014.
 2. All figures are present worth with a 4.20% discount rate and 2009 base year.
 3. Pixed OAM Costs are included in the "Capital Costs" column.
 All Cases upp ALO 2018 Paul Price Farment.

Manage.	ALL) 2010 PRO PRICE I		Satisfaint aite	ক্রমণেত্রর চুক্ত <u>শ্র</u>		8 6 T M. J. Store 1984	~~	Septimental September 1
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	1845 C. 487		Branch Cara				and the solution of	
					Mar See			
2914	130,821		2,865	79,951	34,474		248,111	248,111
2015	126,329		2,881	\$1,087	36,945	1	347,242	495,353
2014	117,334		2,117	79,474	39,170		232,200	734,153
2017	121,673		2,871	80,767	41,957		247,270	981,423
2011	119,690		2,824	20,166	44,477		247,157	1,228,580
2019	117,737		2,522	21,134	47,592		248,965	1,477,565
2020	115,616		2.481	80,985	50,364		249,654	1,727,219
2021	113,927		2,488	20,987	53,746		251,148	1,978,367
3622	112,068	L	2,460	20,613	56,762		251,906	2,230,273
2023	110,240		2,491	82,120	60,690		255,542	2,485,815
2024	108,441	<u> </u>	2,525	26,519	65,053		262,540	2,748,354
2025	196,672		2,523	27,221	69,574		265,991	3,014,345
2824	104,932		2,530	25,101	72,210		764,844	3,279,189
2927	103,220		2,504	\$5,717	77,333		261,773	3,347,962
2928	101,536		2,492	16,411	\$1,527		272,032	3,219,994
2029	99,879		2,467	¥¥,270	87,110		277,726	4,097,720
2030	98,250		2,462	\$4,593	91,754		281,039	4,371,775
2031	96,647		2,712	160,369	53,170	L	312,896	4,691,677
2632	93,070		3,053	164,695		l	315,810	5,007,487
2039	93,519		2,842	168,644			314,617	5,322,104
2034	91,993		2,955	168,406			318,020	5,640,124
2035	90,492	'	2,754	169,673	****	l	318,350	5,954,473
2034	19,016		2,869	168,660			321,720	6,240,207
2037	17,564		2,673	171,074			323,286	6,603,481
2036	86,135		2,403	176,810			334,389	6,937,177
2039	\$4,730		2,605				334,235	7,272,112
20-10	\$3,348		2,718				340,107	7,612,21
2043	81,981		2,324		117111		540,153	7,557,377
2942	80,6\$0	1	2,630	177,799			346,702	\$,299,07 4
2643	79,334		2,444	176,870	1 6,661		347,309	8,646,384

Doctor No. 090451 - Response to Interrogatory No. 118 Notes:

- 1. In all scenarios the GRBC PPA begins January 5, 2014.
 2. All figures are present worth with a 4,20% discount rate and 2009 base year, 3. Pixed OdDM Costs are included in the "Capital Costs" column.

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Control of the second	THE RESERVE AND THE PARTY OF TH		A prompt met a series of the series	的现在分词,但是是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一	第二年一次中央	でなるなりませんとう
	1000	PATERNA AND PROPERTY OF THE PR	210756 in a stabutete	A STATE OF THE PARTY OF THE PAR		
	C	OMM OMM	TO CONTRACT			
1 Y		A COMPANY OF THE PARTY OF THE P	2		Com	Con
2014	130,821	1,962	93,904		226.687	226.687
2015	126,529	2,026	93,383		221.738	445,425
2016	117,338	2,029	91,289		210.656	659,081
2017	121,675	2,052	90,957	4 1000	214,684	873,766
2013	119,690	2,018	89,665		211,373	1,083,139
2019	117,737	1,871	90,703		210,312	1,295,451
2020	115,816	1,844	59,037		206,698	1,102,148
2021	113,927	1,848	88,502		204,277	1,706,425
2022	112,068	1,825	87,142		201,036	1,907,461
2023	110,240	1,321	98,633		210,193	2,117,654
2824	108,441	1,353	98,059		207,254	2,325,508
2025	106,672	1,379	96,858		204,909	2,530,417
2026	104,932	1,400	94,511		200,843	2,731,259
2027	103,220	1,411	93,657		199,288	2,929,547
2028	101,536	1,382	92,719		195,638	3,125,185
2029	99,879	1,397	92,284		193,559	3,310,744
2030	98,250	1,371	90,699		190,319	3,509,064
2031	96,647	2,150	147,764		246,561	3,755,625
2032	95,070	2,479	156,672		254,221	4,009,846
2033	93,519	2,369	155,315		251,204	4,261,050
2434	91,993	2,432	154,377		741,102	4,509,852
2035	90,492	2,323	154,006		246,822	4,756,674
2434	89,016	2,389	152,344		243,749	5,000,423
2097	87,564	2,287	153,216		243,067	3,243,490
2038	\$6, 133	2,458	157,743		246,336	5,489,826
2(39	84,730	2,311	157,076		244,117	5,733,943
2040	83,349	2,399	156,089		241,836	5,975,779
2941	¥1,98£	2,256	155,564		239,808	6,215,587
2042	#0,650	2,344	154,655		237,649	6,453,236
2043	79,334	2,199	154,417		235,951	6,689,187

Docket No. 090451 - Response to Interrogatory No. 118 Notes:

- Notes:

 1. In all scenarios the GREC PPA begins January 1, 2014.

 2. All figures are present worth with a 4,20% decount rate and 2009 base year.

 3. Fixed OibM Costs are included in the "Capital Costs" column.

 All Cases use ABO 2010 Fund Prince Fermenat.

THE PERSON NAMED IN	Seems Objected	In the Paris	and Commen		(BREDIO)	CHOM HARD HAR WAREN	en en la	the Carlotte of the Carlotte o		
1.1		CONTRACTOR SEACH SERVICE	72 1 2 2 3 3 4 5 W 10 3 3 7 X		CONTRACTOR TO THE STATE OF THE	BENEFICE STREET	NAME OF THE PARTY	A NO WELLSHOOT TO		
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5 m 3 3	4.6 × C	30.00		建筑型二洲 流	2007	PROPERTY NAMED IN	CAN AN IN AN	90.5		
or it was		Cem	COM	Com St. S	C	Com		Table 1		
	tally a profes			(2) (2) (2) (2) (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4		And the of Linky	Post of the American	Com		
2014	130,821		1,962	105,961			238,744	238,744		
2015	126,329		2,026	104,500			232,855	471,599		
2016	117,338		2,029	101,901			221,268	692,867		
2017	121,675		2,052	101,075			224,802	917,669		
2018	119,690		2,018	99,322			221,030	1,138,699		
2019	117,737		1,871	99,817			219,426	1,358,125		
2020	115,816		1,844	97,546			215,207	1,573,332		
3021	113,927		1,848	96,532			212,307	1,785,639		
3623	112,068		1,225	94,652			208,546	1,994,184		
7023	110,240		1,321	96,633			210,193	2,204,378		
2024	108,441		1,353	98,059		L	207,854	2,412,232		
2425	106,672		1,379	96,858			204,909	2,617,141		
2026	104,932		1,400	94,511			200,843	2,617,983		
2427	103,220		1,411	93,657			190,782	3,016,271		
2028	101,536		1,382	92,719			195,638	3,211,909		
2029	99,879		1,397	92,284			193,559	3,405,468		
2050	98,250		1,371	90,699			190,319	3,393,7E2		
2031	96,647		2,150				246,361	3,842,548		
2032	95,070		2,479	156,672	1		254,221	4,096,570		
2033	93,519		2,369	135,315			251,204	4,347,773		
2034	91,993		2,432	154,377			248,502	4,596,576		
2036	90,492		2,323				246,822	4,843,398		
2036	89,016		2,389				243,749	5,087,147		
2037	87,564		2,287	153,216			243,067	5,330,214		
2038	86,135		2,458			1	246,336	5,376,350		
2834	84,730		2,311				344,117	5,820,667		
2040	83,348		2,399				241,836			
2041	81,982		2,256				239,808	6,302,310		
2012	80,650		2,344				237,649	6,539,960		
2043	79,334		2,199	154,417		.,,	235,951	6,775,911		

Docket No. 090451 - Response to Interrogatory No. 118

Docket No. 090	0451 - Response to Intern	ogmory No. 118						
Notes:								
	munice the GREC PPA be							
	w are present worth with AtM Costs are included in							
	ABO 2010 Fuel Price Fo		EUS.					
41 MASDW			STROMBITA SA MANA	aligneti erakeran un andera	to concurrence de la constanta	reserved and an expense	enal adopte the state of the part	ne di Sara Villa di Lata da Sara
2. 清 入 3.	100	S. D. B. D. S. B. S.	SE THE PARTY OF THE SEC	was been been the	ABABBAD BAWAR	VI DONE COMPANY	and the second second	Section 12 (2) (Section 2)
	NEW TOTAL	of SCHESOLON SZZ	- संभागित स्वयम् अस्य विश्वास्त	Mark metarister	the production of the second s	TABLE PERMANANTAL	CONTRACTOR OF THE	(Constitution and
$:: \mathbb{N} \hookrightarrow \mathbb{N}$	(1) (A) (1)	ROW MORA	State Francisco	BRIDE - DYSE	7. T.	ECANOS TOTALS	STATE TO SERVE	(1) (1) (1) (1) (1) (1) (1) (1)
Contract of the	C	Case	Osar .	Com		C	Carrier 1	A 17 (10 18 17)
Total 12	Comparison Stratch to	Communication of						Contraction (Section 1987)
2014	130,821		2,\$15	79,170			212,806	212,806
2015	126,329		2,843	80,873			210,050	422,856
2016	117,338		2,835	79,449			199,623	622,479
2017	121,675		2,794	20,407			204,876	827,354
2012	119,690		2,748	79,252			201,690	1,029,044
3819	117,737		2,499	80,482			200,719	1,229,763
2020	115,816		2,472	20,616			198,904	1,428,667
2021	113,927		2,472	80,639			197,038	1,625,705
2022	112,068		2,440	80,031			194,539	1,820,244
2023	110,240		2,468	\$1,419			194,127	2,014,371
2424	108,441	_	2,478	8 6,439			197,358	2,211,729
2025	196,672		2,475	\$6,981			196,123	2,407,857
2025	104,932		2,530	\$5,01\$			192,490	2,600,537
2927	101,220		2,477	85,637			191,334	2,791,671
2028	101,536		2,482	86,263			190,2\$1	2,961,952
2029	99,879		2,151	88,161			190,491	3,172,442
2834	98,250		2,445	88,459			189,153	3,361 ,59 7
2031	96,647		2,696	160,324			239,667	3,621,264
2032	95,070		3,053	168,689			266,812	3,888,076
2033	93,519		2,842				264,987	4,153,063
2024	91,993		2,955				263,346	4,416,409
2035	90,492	4.4.****	2,754		11		262,868	4,679,278
2036	89,016		2,869				260,501	4,939,778
2637	87,564		2,673				261,319	5,201,092
2034	\$6,135		2,803				265,741	3,466,839
2039	84,730		2,605				264,779	5,731,618
2844	83,348		2,71B		W AND TO SEE THE SEE T		263,296	5,994,914
2041	81,982		2,524				262,558	6,257,471
2/042	80,650		2,630				261,069	6,518,541
2043	79,334		2,444	178,992			260,660	6,779,201

Docket No. 090451 - Response to Interrugatory No. 118

-). In all socrarios the GREC PPA begins January 1, 2014.
- All figures are present worth with a 4.20% discount rate and 2009 base year.
 Pixed O&M Costs are included in the "Capital Costs" column.
 All Cases use AEO 2010 Paul Price Persons!

		र्द्धा के अधिक विकर्	5-14:37 K. R. W. P. S.	enter the state of	研究性原始的	ering and the second	assiyasiyahasi	
	ACCOUNT OF THE PARTY OF THE PAR			CL P		Carrier Carrier		
· Yes	Marie	Comp.	gia a ctiv a (A)	2013年NBANA	(CO)	1, 15, 16		Com
2014	130,821		1,993	94,021	21,594		255,429	255,429
2915	126,329		2,033	93,389	30,791		252,542	507,972
2916	117,338		2,037	91,384	32,71\$		243,478	751,450
2917	121,675		2,064	90,946	35,193		249,877	1,001,328
2010	119,690		2,003	89,563	37,303		248,561	1,249,139
2019	117,737		1,280	90,867	40,038		250,542	1,500,431
2420	115,816		1,860	89,342	42,344		249,362	1,749,793
2021	113,927		1,872	22,239	45,369		250,006	1,999,799
2022	112,068		1,854	\$7,780	47,894		249,596	2,249,395
2023	110,240		1,340	94,966	42,259		252,805	2,502,200
2424	108,441		1,357	98,086	45,619		253,504	2,755,764
2825	06,672		1,378	96,889	48,96)		253,901	\$,009,605
2826	104,932		1,401	94,539	51,630		2\$2,501	3,262,107
2427	103,220		1,411	93,629	55,394		253,654	3,515,76[
2028	101,536		1,383	92,749	51,351	******	254,218	3,769,979
2029	99,279		1,400	92,332	62,762		256,373	4,026,352
2430	91,250		1,372	90,657	66,349		256,629	4,212,900
2031	96,647		2,149	147,684	42,731		289,213	4,572,193
24032	95,070		2,479	136,677	41,413		295,638	4,867,831
2833	93,519		2,372	155,257	42,742		293,890	5,161,722
2034	91,993		2,432	154,384	46,734		295,543	5,457,265
2435	90,492		2,323	154,051	48,156		295,022	5,752,287
2834	89,016		2,389	152,382	52,598		296,385	6,048,672
2037	87,564		2,287	153,209	54,401		297,461	6,346,133
2438	86,135	1	2,458	157,749	61,399		307,742	6,653,875
2039	84,730		2,311	157,056	62,860		306,956	6,960,831
2040	\$3,348		2,399	156,085	69,001	1	310,833	7,271,664
2041	81,968		2,256	155,558	70,582	 	310,345	7,382,049
2042	80,650		2,344	154,656	77,541		315,190	7,897,239
2043	79,334		2,199	154,406			315,202	8,212,441

- . 1. In all accounts the GREC PPA begins January 1, 2014,
- All figures are present worth with a 4.20% discount rate and 2009 base year.
 Fixed OddM Costs are included in the "Capital Costs" column.
 All Cases are AEO 2016 Faul Pylor Forward.

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Ye		94					
2014	130,421	1,993	101,252	23,225		257,3 51	257,35
2015	126,329	2,033	99,407	25,042		252,851	510,202
2016	117,338	2,037	96,594	26,694		242,664	752,16
2017	121,675	2,064	93,372	21,723		247,137	1,000,70
2018	119,690	2,003	93,207	30,479		245,379	1,246,08
2019	117,737	1,880	93,628	32,797		246,043	1,492,12
2020	115,816	1,360	91,121	34,718		243,515	1,735,64
2021	115,927	1,872	89,778	37,291		242,868	1,978,50
2622	112,068	1,854	87,500	39,375		241,097	2,219,60
2023	110,240	1,340	98,966	42,259		252,805	2,472,41
2024	108,441	1,357	980,89	45,619		253,504	2,725,91
2015	106,672	1,378	96,889	48,961		253,901	2,979,81
2024	104,932	1,401	94,539	51,630		252,501	3,232,31
2027	103,220	1,411	93,629	55,394		253,634	3,485,91
2028	101,536	1,383	92,749	58,551		254,218	3,740,11
2029	99,879	1,400	92,332	62,762		256,373	3,996,50
2030	98,250	1,572	90,657	66,349		256,629	4,253,15
2031	96,647	2,149	147,684	42,732		289,213	4,542,40
2832	95,070	2,479	156,677	41,413		295,630	4,838,04
2013	93,519	2,372	155,257	42,742		293,890	5,131,93
2034	91,993	2,432	154,384	46,734		295,543	5,427,47
2035	90,492	2,323	154,051	48,136		295,022	5,722,49
2036	19,016	2,389	152,382	52,598		296,385	6.018.83
24(37	87,364	2,287	153,209	54,401	1	297,461	4,316,6
2434	86,135	2,458	157,749	61,399		307,742	6,624,00
2039	84,730	2,311	157,056	62,860	1	306,956	6,911,04
2046	83,348	2,399	156,085	69,001		310,833	7,241,8
2841	81,988	2,256	155,558	70,482		310,385	7,552,2
2942	80,650	2,344	154,656	77,541		315,190	7,867,4
2043	79.334	2,199				315,202	8,182,6

Notes:

- In all sommerium the GREC FPA begins Jacobery 1, 2014.
 All figures are present worth with a 4,20% discount rate and 2009 base year.
- 3, Pixed O&M Costs are included in the "Capital Costs" column.
 All Capts are AEO 2010 Faul Price Personal.

(数学)	A CONTRACTOR OF THE PARTY OF TH	Kennie or man	general de la companya de la la companya de la comp	en of experience of the service.	CONTRACTOR CONTRACTOR		
		3150 4116416161616			2.1.1.1.1.		
				•		HOW THE PRESENCE OF THE	
2014	130,821		2,865	79,951	34,474	248,1	248,11
2615	126,329		2,881	81,067	36,945	247,2	12 495,35
2016	117,338		2,817	79,474	39,170	238,8	00 734,15
2017	121,675		2,871	80,767	41,957	247,2	70 981,42
2013	119,690		2,824	80,166	44,477	247,1	57 1, 228,5 8
2019	117,737		2,522	81,134	47,592	248,9	1,477,56
2020	115,816		2,488	280,985	50,364	249,6	1,727,21
2021	113,927		2,488	80,997	53,746	251,1	49 1,978,36
2022	112,068		2,460	80,615	56,762	251,9	06 2,230,27
2023	110,240		2,491	82,120	60,690	255,5	42 2,485,81
2024	106,441		2,526	86, 519	65,053	262.5	40 2,748,35
2025	106,672		2,523	87,221	69,574	265.9	91 2,014,34
2026	104,932		2,530	85,101	72,290	264.8	3,279,11
2027	103,220		2,504	85,717	77,333	268,7	73 3,547,96
2028	101,536		2,492	B6,418	81,587	272,0	32 3,819,99
2029	99,879		2,467	£\$,270	87,110	277,7	26 4,097,77
2036	98,250		2,462	88,593	91,754	281,0	59 4,378,7°
2031	96,647		2,712	160,369	53,170	312,8	96 4,691,67
2032	95,070		3,053	168,695	48,992	315,8	10 5,007,41
2033	93,519		2,842	168,644	49,612	514,6	17 5,322,10
2034	91,993		2,953	168,406	54,666	318,0	
2035	90,492		2,754	169,673			
2936	89,016		2,869	168,660	61,183	321,7	28 6,280,20
2437	87,564		2,673	171,074	61,975	373,2	86 6,603,44
2435	86,135	3	2,803	176,810	68,64)	334,3	89 6,937,8
2039	84,730)	2,605	177,422	69,477	334,2	35 7,272,11
3946	83,348		2,718	177,22:	76,816	340,1	07 7,612,2
2941	81,988		2,524	178,041	77,601	340,1	53 7,952,3
2942	80,630		2,630	177,789	85,633	346,1	02 8,299,0
2943	79,334		2,444	178,870	\$6,661	347,3	09 8,646,38

- 1. In all sometics the GREC PPA bugins January 1, 2014.
 2. All figures are present worth with a 4-20% discount rate and 2009 have year.
 3. Fixed O&M Costs are included in the "Capital Costs" column.
 All Cases are AEO 2010 Fuel Price Farecast.

F-W-S-				An els in 1996	Battal March St. March	erryan similariya (m. 1.2	think the prise	Charles a sales of section 2
30 16-37 16								
A STATE OF	Telling to the second							100
		326	The Sale	205-20	EPA-	Charles The	15 A. 15	
CENT (1)	33.7	22. OF 22.						文学 上"文学》
2014	130,821	48300	7.34	Control of the Control	Carlotte description	A STATE OF THE STA	The state of the s	
2015	126,329		1,962 2,026	94,936			227,719	227,719
2016	117,338		2,029	94,615 92,505			222,970	450,689
2917	121,675		2,029	92,147		<u> </u>	211,872	662,56
2018	119,690		2,032	92,147			215,875	878,436
2017	117.737		1,871	91,857			212,547	1,090,983
2025	115,816		1,844	90,175			211,465	1,302,448
2021	113,927		1.848	89,618			207,836 205,393	1,510,283
2022	112,068		1,825	88.240	2	<u> </u>	202,134	
2423	110,240		1,321	100,793		<u> </u>	202,134	1,917,810 2,130,165
2024	108,441		1,353	100,190			209,945	2,340,149
2025	106,672		1,379				206,997	2,547,147
2426	104,932	K	1,400	96,166			202,898	2,750,043
2427	103,220		1,411	93,679	The state of the s		200,310	2,930,334
2025	101,536	· · · · · · · · · · · · · · · · · · ·	1,382	94,716			197,634	3,147,989
2029	99,879	1 ····	1,397	94,241			195,517	3,343,507
2030	98,250		1,371	92,622			192,243	3,535,749
2431	96,647	1	2,150	149,657		T	248,454	3,784,204
2432	95,070		2,479	158,539			256,088	4,040,292
2433	93,519		2,369	157,148			253,037	4,293,325
2434	91,993		2,432	156,180		T	250,605	4,543,933
2035	90,492		2,323	155,778			248,594	4,792,52
2036	89,016		2,389	154,092			245,498	5,038,025
2437	17,564		2,297	154,931			244,783	5,282,807
2038	86,135	_	2,458	159,431			248,025	5,530,837
2039	84,730		2,311	158,737			245,777	5,776,610
2040	83,348		2,399	157,726			243,473	6,020,0\$7
2041	81,988		2,256	157,170			241,414	6,261,49
2042	80,650		2,344	156,235			239,229	6,500,726
2043	79,334		2,199	155,972			237,506	6,738,231

Docket No. 090431 - Response to Interrogatory No. 118

Notes:

1. In all occuration the OREC PPA begins January 1, 2014,

2. All figures are present worth with a 4.20% discount rate and 2009 have year.

3. Fixed ORM Costs are included in the "Capital Costs" column.

All Cases and A	AEO 2019 Faci Price F	Personal						
				11 P. 19	A SHAN MARKET	<u> </u>	r (\$4 is type \$45)	表表达大/W (145)2000
								STATE OF THE STATE OF
								e by the confidence
7 ()	Term are	200	The State	KAR EL	Sec. Cash	State . Whis	- 1 X	Bir and Bir
1.00					SEC. 16.03			
W	ELECTRICAL SALV	Production of the control of the con		CEASE OF FREE	Mantea Transfer	Belle Marie Barber	a property of the second	
2014	130,821		1,962	100,025			240,808	240,408
2015	126,329		2,026	106,964			235,319	
2016	117,338		2,029	104,333			223,700	
2017	121,675		2,052	103,456			227,183	
2018	119,690		2,018	101,668			223,576	
2619	117,737		1,671	102,124			221,733	
2828	115,916		1,844	99,822			217,483	
2421	113,927		1,648	98,765			214,540	
2622	112,068		1,525	96,849			210,742	2,014,884
2423	110,240		1,32)	100,793			212,354	2,227,238
2024	106,441		1,353	100,190			209,985	2,437,223
2025	106,672		1,379	98,946			206,997	2,644,220
2926	104,932		1,400				202,896	-,,
2027	103,220		1,411	95,679			200,310	.,,
2425	101,536		1,302				197,634	
2029	99,879		1,397	94,241			195,517	
2030	98,250		1,371	92,622			192,243	
2031	96,647		2,150	•			248,454	
2032	95,070		2,479				256,088	
2033	93,519		2,369	•			253,037	
2434	91,995		2,432			ļ <u> </u>	250,605	
2035	90,492	A	2,323	<u> </u>			248,594	
2034	89,016	4	2,389				245,498	
2637	87,564		2,287		.	<u></u>	244,783	
2001	86,133		2,458			<u></u>	248,025	
2039	84,730		2,311	158,737			245,777	
2840	83,349		2,399				243,473	
2041	81,981		2,256			<u> </u>	241,414	
2042	80,650		2,344				239,229	
2943	79,33	4	2,199	155,977		1	237,506	6,835,305

- Notes:

 1. In all somerios the GREC PPA begins January 1, 2014.

 2. All figures are present worth with a 4,20% discount rate and 2009 base year.

 3. Fixed O&M Costs are included in the "Capital Costs" solumn.

	ABO 2010 Paul Price I	n the "Capital Costs" col Ferenati	WIEL.					
			1700年安徽县《沙丘	433868034A.T	es information of the services	M. 85 8 8 8	्रियुक्त धान्यकृष्	A STATE OF STATE
								Same Carlo
2000年度	a transfer and the con-							The second second
		is is						
2014	130,821		2,815	79,170			212,806	212,806
2015	126,329		2,848	80,973			210,050	422,856
2016	117,338		2,835	79,449		·	199,623	622,479
2017	121,675		2,794	80,407			204,876	827,354
2014	119,690		2,74\$	79,252			201,690	1,029,044
2019	117,737	<u> </u>	2,499	80,482	*		200,719	1,229,763
2020	113,816		2,472	80,616			198,904	1,428,667
2021	113,927		2,472	80,639			197,038	1,625,705
2422	172,068		2,440	80,031			194,539	1,820,244
2023	110,240		2,468	81,419			194,127	2,014,37)
2024	108,441		2,478	86,439			197,358	2,211,729
2425	106,672		2,475	86,981			196,128	2,407,857
2026	104,932		2,530	85,018			192,480	2,600,337
2027	103,220		2,477	85,637			191,334	2,791,671
2025	101,536		2,482	86,263			190,281	2,981,952
2829	99,879	1	2,451	88,161			190,491	3,172,442
2030	98,250		2,445	88,459			189,155	3,361,597
2031	96,647		2,696	160,324			259,667	3,621,264
2032	95,070		3,053	168,689			266,812	3,888,076
2033	93,519)	2,842	168,626			264,987	4,153,063
2034	91,993		2,955	168,398			263,346	4,416,409
2935	90,492	\$	2,754	169,622			262,868	4,679,279
2036	89,016		2,869	162,616	•		260,501	4,939,770
2037	87,564	}	2,673	171,083		*	261,319	5,201,099
203#	86,133		2,803	176,903			263,741	5,466,139
2039	84,730		2,605	177,444			264,779	5,731,618
Z\$48	83,348		2,718	177,230)		263,296	5,994,914
2041	81,988	3	2,524	172,040			262,558	6,257,471
2042	80,650	-A	2,630	177,799			261,069	6,518,541
2543	79,334		2,444	178,88	!		260,660	6,779,201

- 1. In all someries the GREC PPA bugins January 1, 2014.
 2. All figures are present worth with a 4.20% discount rate and 2009 base year.
 3. Pixed O&M Copts are included in the "Capital Copes" column.
 All Chem was AEO 2010 Paul Prize Europeast.

All Chara war.	A.DO 3010 Paul Prince I	Percent						
12.0				15		8 2	777	""。"一个一块数数
(T. C.	Star S							4
	The second	Santa and	Sugar Asta	treation was the	Alde Same	manager and a solution	ومطالعتها يعتبرنك	han Ist
					10.00 C		535	
2	Carlot All Sand	St. Mr. Arrow	54. Di	San American	\$3.50° HIGH	Property of the second		200
2014	130,821		1,962	94,936			227,719	227,719
2415	126,329		2,026	94,615	-		222,970	450,689
2016	117,338		2,029	92,505			211,872	662,561
2017	121,675		2,064	92,137	35,193		251,068	913,630
2018	119,690		2,003	90,736			249,734	1,163,364
2019	117,737		1,880	92,020			251,696	1,415,060
2020	115,816		1,860	90,480			250,500	1,665,560
2421	113,927		1,872	89,955			251,122	1,916,682
2022	112,068		1,854	88,179			250,694	2,167,376
2023	110,240		1,340				254,966	2,422,342
2824	108,441		1,357	100,217			255,635	2,677,977
2025	106,672		1,378				255,990	2,933,967
2026	104,932		1,401	96,595			254,557	3,188,524
2027	103,220		1,411	95,651			255,676	3,444,200
2424	101,136		1,383,1				256,214	3,700,414
2029	99,879		l,400	, ,			258,331	3,958,745
2030	92,250		1,372				258,552	4,217,297
2031	96,647		2,149				291,106	4,508,403
2432	95,070		2,479				297,505	4,805,908
2033	93,419		2,372			l	205,724	5,101,632
2034	91,993		2,432				297,345	5,39£,97£
2035	90,492		2,323		. (4)		296,794	5,695,772
2036	89,016		2,389				298,134	5,993,905
2037	87,364		2,287	154,924			299,176	6,293,081
2034	86,135		2,458				309,430	6,602,512
2439	84,730		2,311				308,617	6,911,129
2040	83,346	1	2,399				312,470	
2041	E80, (B		2,256				311,991	7,535,590
2042	80,650		2,344				316,770	7,852,360
2043	79,334		2,199	155,961	79,263		316,757	8,169,117

- 1. In all sciences the GREC PPA bugies James y 1, 2014.
 2. All figures are present worth with a 4.20% discount rule and 2009 have year,
 3. Pixed O&M Costs are included in the "Capital Costs" column.
 All Capita Na Ali O 2019 Past Price Forward.

All Chies nec	ABO 2010 Paul Prior A	eryeast						
Sale.				يدعوس	and the second in the	يورونه فالالارا وأفاعي ملارطة	្រះស្វែកសាងស្វឹ	mik diri aktibadan
						4.00		
						The second second		
	one we	there coals	15 to beer	مسملا سيدادان	value. She	Market Place	مضوائض المنطوعة	110
					200 X X X	43.5		
Land Com	1.446.144.140.14	Transfer State		SA BANKE CHANG		S-3 - 2 - 2	N. S.	
2014	130,831		1,962	108,025			240,508	240,808
2015	126,329		2,026	106,964	•		235,319	476,127
1954	117,338		2,029	104,333	-		223,700	699,827
2017	121,675		2,064	103,445	21,725		255,909	955,736
2018	119,690	1	2,003	95,553	30,479		247,725	1,203,46)
2017	117,737		1,880	95,935			248,350	1,451,81)
2020	115,816		1,860	93,397	34,718		245,79)	1,697,602
2031	113,927		1,872	92,01)	37,291		245,10)	1,942,703
2822	112,069		1,854	89,997	39,375		243,294	2,185,996
2433	110,240		1,340	101,127	42,259		254,966	2,440,962
2834	108,441		1,357	100,217	45,619		255,635	2,696,597
2025	106,672		1,37\$	98,978	48,961		255,990	2,952,587
2424	104,932		1,401	96,395	31,630		254,557	3,207,144
2827	103,220		1,411	95,631	35,394		255,676	3,462,820
2624	101,336		1,383	94,743	38,351	<u> </u>	256,214	3,719,035
2029	99,879		1,400	94,290	62,762		254,331	3,977,365
2434	98,250		1,372	92,581	66,349		258,552	4,235,917
2031	96,647		2,149	149,578	42,732		291,106	4,527,023
2632	95,070		2,479	133,544	41,413		297,505	4,424,529
20033	93,519		2,372	157,090	42,742		293,724	5,120,252
2834	91,993	L	2,432	156,187	46,734		297,345	5,417,598
2035	90,492		2,323	155,823	48,156		296,794	5,714,392
2054	B9,016		2,389	154,130	\$2,596		298,134	6,012,536
2937	87,564		2,287	154,924	54,401		199,176	6,311,702
2038	86,135		2,458	159,438	61,399		309,430	6,621,132
2039	84,730	}	2,311	158,717	62,860		308,617	6,929,749
2046	13,341		2,399	157,722	69,001		312,470	7,242,219
2641	21,985		2.256	157,165	70,582		311,991	7,554,210
2042	80,650		2,344	156,235	77,541		316,770	7,870,980
2043	79,334		2,199	155,961	79,263		316,757	8,187,737

- 1. In all sectarios the GREC PPA begins January 1, 2014.
- 2. All figures are present worth with a 4.20% discount rate and 2009 base year.

 3. Fixed OddM Costs are included in the "Capital Costs" column.

 All Cases use ARO 2010 Find Fries Parasinst.

E-50	ARX 1010 Feet Price		p de Seconda _s Sinat	Sales in the all bridges	ar i den regressijskig in er erk	Stranger Control	The second section of the second	THE WEEKS FOR THE
14.								
A 10.50								
	The same	Section Labor	250 Supp	South Seeks	1830 as 1850	Misses Starte	tioned where	New 1882
40 At A.				222	分支化 (1)			
	E. Contained States on	Paleon Allina	Section .	Service Control	系统化 : 李俊宗	in the factories	the first facilities of the property	KITTLE SELVE
2014	130,821		2,815	79,170			212,606	212,60
2015	126,329		2,848	80,873	•		210,050	422,85
2016	117,338		2,835	79,449			199,623	622,47
2017	121,675		2,871	80,767	41,957		247,270	\$69,74
7918	119,690		2,824	80,166	44,477		247,157	1,116,90;
2017	117,737		2,522	\$1,134	47,592		244,985	1,365,89
2025	115,816		2,488	80,985	50,364		249,654	1,615,54;
2021	113,927		2,488	80,987	53,746		251,148	1,866,69
2022	112,068		2,460	\$0,615	56,762		251,906	2,118,599
2023	110,240	1	2,491	82,120	60,690		233,542	2,374,144
2024	108,441		2,526	\$6,519	65,053		262,340	2,636,684
2025	106,672		2,523	87,221	69,574		265,991	2,902,670
7026	104,932	<u> </u>	2,530	85,101	72,280		764,844	3,167,514
2017	103,220		2,504	85,717	77,333		268,773	3,436,281
1918	101,536	<u> </u>	2,492	86,418	81,587		272,032	3,709,320
2029	99,179		2,467	88,270	87,110		277,726	3,986,043
2030	98,250		2,462	88,593	91,754		281,059	4,267,104
2431	96,647		2,712	160,369	53,170		312,894	4,580,003
2032	95,070		3,053	168,695	48,992		313,810	4,895,81
2433	915,69	4.	2,842	169,644	49,612		314,617	5,210,429
2034	91,993	<u> </u>	2,955	168,406	34,666		318,020	5,528,449
2935	90,492		2,754	169,673	55,430		318,350	5,846,79
2034	89,016		2,869	168,660	61,163		321,728	6,168,52
2037	87,564		2,573	171,074	61,973		323,286	6,491,814
2430	86,135		2,803	176,810	68,641		334,389	6,826,20
2439	84,730		2,605		69,477		334,235	7,160,43
2940	63,348	4	2,718	177,225	76,816		340,107	7,500,543
2041	81,988		2,524	178,041	77,601		340,153	7,840,69
2042	80,650		2,630	177,789	85,633		346,702	8,187,400
2043	79,334		2,444	178,870	86,661		347,309	8,534,709

Docket No. 090451 - Response to interrogatory No. 118

Notes:

1. In all scenarios the GREC PPA begins January 1, 2014.

2. All figures are present worth with a 4.20% discount rate and 2009 bass year.

3. Proof ORM Costs are included in the "Capital Costs" column.

All Cases use ASO 2019 Paul Price Forcess.

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	A EQ 2019 Paul Price I	******						
4.				A No. of Section	्रकृत्युक्त स्था । स्था	The market seek the seek		Graden I Harried
200								
								6 July 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
公告 ②	Action	With Stan.	200	made the	14.0	to their Mari	colors vieway	King Sta
5 10		30 T	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	37.47	KAN P		200	See 1995
100	ATT THE CALL	Mary B. R.E.	State West	学科科技	如源 1	第一个人的一个	and parties	Park Control
2014	130,821		1,962	94,936			227,719	227,719
2015	126,329		2,026	94,615			222,970	450,689
2014	117,338		2,029	92,505			211,872	662,561
2017	121,675		2,052	92,147			215,875	878,436
2018	119,690		2,019	90,838			212,547	1,090,983
2019	137,737		1,871	91,857			2)1,465	1,302,448
2020	115,816		1,844	90,175			207,836	1,510,283
2073	113,927		1,848	89,616			205,393	1,715,676
2022	112,068		1,625	88,240			202,134	1,917,810
2023	110,240	l	1,321	100,793			212,354	2,130,165
2024	108,441		1,353	100,190			209,985	2,340,149
2025	106,672		1,379	98,946			206,997	2,547,147
2026	104,932		1,400	96,566			202,898	2,750,04
2627	103,220		1,411	93,679			200,310	2,950,350
2028	101,536		1,3\$2	94,716			197,634	3,147,989
2029	99,879		1,397	94,24)			195,517	3,343,30
2434	90,250		1,371	92,622			192,243	3,535,749
2031	96,647		2,150	149,657			248,454	3,784,204
2932	95,070		2,479	158,539			256,088	4,040,293
2433	93,519		2,369	157,148			253,037	4,293,325
2834	91,993		2,432	156,180			250,605	4,543,933
2835	90,492		2,323	155,778			248,594	4,792,52
2836	\$9,016	1	2,389	154,092			245,498	5,038,025
2037	87,564		2,287	154,931			244,783	5,282,807
2033	86,135		2,458	159,431			248,025	5,530,83
2039	84,730		2,311	158,737			245,777	5,776,610
2944	83,348		2,399	157,724			243,473	6,020,063
2041	81,988		2,256	157,170			241,414	6,261,49
2042	80,650		2,344	156,235	1		239,229	6,500,720
2043	79,334		2,199	155,972	2		237,506	6,738,231

Docket No. 090451 - Response to Interrogatory No. 118

Note:

1. In all scenarior the OREC PPA begins January 1, 2014.

2. All figures are present worth with a 4.20% discount rate and 2009 base year.

3. Fixed ORM Costs are included in the "Capital Costs" column.

All Cases use AEO 2010 Final Price Personnt.

All Cases were	TEO SHID LPS	Price Personal

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2014	130,121		1,967	108,025	Contract of the second	4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	240,908	
2015	126,329		2,026	106,964			235,319	240,808
2016	117,338		2,029	104,333		· · · · · · · · · · · · · · · · · · ·	223,700	476,127 699,227
2017	121,675		2,052	103,456			227,183	927,010
2918	119,690		2,018	101,668		 	223,376	1,150,387
2019	117,737		1,871	102,124			221,733	1,372,119
2420	115,816		1,844	99,822			217,483	1,589,602
2021	113,927		1,848	98,765			214,540	1,804,141
2422	112,068		1,825			<u> </u>	210,742	2,014,884
2623	110,240		1,321	100,793		 	212,354	2,227,238
2024	108,441		1,353	100,190			209,945	2,437,223
2025	106,672		1,379	98,946			206,997	2,644,230
2026	104,932		1,400	96,566			202,898	2,847,119
2027	103,220		1,411	95,679			200,310	3,047,429
2035	101,536		1,382	94,716			197,634	3,245,063
2029	99,879		1,397	94,241			195,517	3,440,580
2030	98,250		1,371	92,622			192,243	3,632,823
2031	96,647		2,150	149,657			248,454	3,881,277
2032	95,070		2,479	158,539			256,068	4,137,365
2033	93,519	*	2,369	157,148			253,037	4,390,402
2034	91,993		2,432				250,605	4,641,007
2035	90,492		2,323				248,594	4,889,601
2036	89,016		2,389				245,498	5,135,098
2437	87,564		2,287				244,783	5,379,881
2036	86,133		2,458				248,025	5,627,906
2039	84,730		2,311	158,737			245,777	5,873,683
2040	83,348		2,399	157,726			243,473	6,117,136
2041	81,988		2,256				241,414	6,358,570
2042	80,650	1	2,344			ļ	239,229	6,597,799
2043	79,334		2,199	155,972	I	<u> </u>	237,106	6,935,305

Docket No. 090451 - Response to Interrogatory No. 118
Notes:

1, In all acquarios the GIAEC PPA begins January 1, 2014.

2. All figures are present worth with a 4,20% discount rate and 2009 base year.

3. Fixed OAM Costs are included in the "Capital Costs" coherm.

All Capes use AEO 1816 Such Price Response.

2015 126,329 2,848 80,873 210,050 422 2016 117,338 2,815 79,449 159,623 622 2017 121,675 2,704 80,677 204,876 823 2018 119,690 2,746 79,252 201,690 1,021 2019 117,377 2,499 80,442 200,719 1,28 2021 113,977 2,472 80,616 198,904 1,422 2021 113,977 2,472 80,616 198,904 1,422 2022 112,064 2,440 80,031 154,539 1,832 2023 110,240 2,468 81,419 159,127 2,010 2024 105,441 2,478 86,439 1,97,358 2,211 2025 106,672 2,475 86,981 1,96,128 1,97,358 2027 101,220 2,477 8,5,377 1,91,340 2,690 2027 101,356 2,482 86,285 190,261 199,304 2028 101,556 2,482 86,265 190,261 1,91,354 2029 39,379 2,451 84,161 190,491 3,172 2029 39,379 2,451 84,161 190,491 3,172 2029 39,379 2,451 84,161 190,491 3,172 2020 3,697 3,695 163,259 266,812 3,848 2021 39,597 3,695 163,259 266,812 3,848 2022 35,970 3,033 168,689 266,812 3,848 2023 39,519 2,445 84,459 189,155 3,561 2024 39,597 3,695 163,259 266,812 3,848 2023 39,519 2,445 84,459 189,155 3,561 2024 39,597 3,033 168,689 266,812 3,848 2025 35,970 3,035 168,689 266,812 3,848 2025 35,970 3,035 168,689 266,812 3,848 2025 35,970 3,035 168,689 266,812 3,848 2025 35,970 3,035 168,689 266,812 3,848 2025 36,315 3,249 178,303 265,414 2025 36,315 3,249 178,303 265,414 2025 36,315 3,249 178,303 265,414 2025 36,315 3,249 178,303 265,414 2025 36,315 3,249 178,303 265,414 2025 36,315 3,249 178,303 265,414 2025 36,315 3,249 178,303 265,414 2025 36,315 3,249 178,303 265,414 2026 36,315 3,249 178,303 265,414 2026 36,315 3,249 178,303 265,414 2027 2028 2028 2028 2028 2028 2028 2028 2028 2028	All Cases was	AEO 1818 Feel Price E	Patronyst						
2814 150,221 2,815 79,170 212,066 221	Fores And				+ 8 V 3	ણું કું કું કું કું કું કું કું કું કું ક	· "你是我们。	- 10 10 10 10	19.88% (64.5 April 2)
12/14 150,621 2,815 79,170 212,866 212 2615 126,329 2,848 80,873 210,050 422 2616 117,338 2,235 79,449 199,623 222 2617 121,675 2,794 80,467 204,876 823 2618 119,600 2,748 79,252 20,1500 1,025 2618 117,727 2,469 80,422 200,719 1,28 2619 117,377 2,472 40,516 198,904 1,42 2620 113,816 2,272 40,516 198,904 1,42 2621 113,087 2,472 40,516 198,904 1,42 2621 110,084 2,440 80,031 197,038 1,62 2622 110,084 2,440 80,031 197,038 1,62 2623 110,340 2,448 81,419 197,177 2,00 2624 106,441 2,278 86,439 197,358 2,271 2625 106,672 2,475 86,481 199,128 2,40 2626 104,932 2,300 85,918 199,408 2,60 2627 2628 101,356 2,442 86,251 199,281 2,70 2628 101,356 2,442 86,251 199,281 2,70 2628 101,356 2,442 86,251 199,281 2,70 2628 101,356 2,442 86,251 199,281 2,70 2628 201,356 2,442 86,251 199,281 2,70 2629 262,451 2,80 2,80 2620 39,879 2,451 88,161 190,091 3,77 2620 39,879 2,451 88,161 190,091 3,77 2620 39,879 2,451 88,161 190,091 3,77 2621 36,867 2,666 160,324 259,667 3,621 2621 39,879 2,451 88,161 190,091 3,77 2624 39,999 2,795 163,398 259,667 3,621 2623 39,979 2,451 88,161 190,091 3,77 2624 39,999 2,795 163,398 265,346 4,416 2623 39,900 3,005 164,699 266,612 3,888 2624 39,999 2,795 163,398 265,346 4,416 2624 39,999 2,795 163,398 265,346 4,416 2625 39,670 3,555 163,398 265,346 4,416 2626 39,700 3,555 163,398 265,346 4,416 2627 37,544 3,548 2,718 177,395 265,667 5,549 2626 30,400 3,548 2,718 177,395 265,667 5,541 2626 30,400 3,548 2,718 177,795 266,600 5,511 2626 266,601 2,549 177,797 266,651									
2814 130,621 2,815 79,170 212,805 212 2815 126,529 2,848 80,879 210,050 422 2816 117,338 2,835 79,449 199,523 622 2817 121,675 2,794 80,407 204,876 622 2818 119,690 2,748 79,222 200,876 622 2818 119,690 2,748 79,222 200,876 122 2819 117,737 2,499 80,422 200,719 1,282 2803 113,816 2,472 80,816 199,504 1,422 2802 113,807 2,440 80,011 199,504 1,422 2802 111,068 2,440 80,011 199,504 1,422 2802 111,068 2,440 80,011 199,505 1,822 2802 110,404 2,468 81,419 199,137 2,919 2804 103,441 2,778 86,439 197,358 2,217 2805 106,672 2,475 86,981 199,124 2,467 2806 109,932 2,590 85,918 192,480 2,600 2807 103,220 2,477 35,577 191,334 2,777 2808 101,556 2,462 86,461 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,178 2809 99,879 2,451 82,161 190,461 3,178 2809 99,879 2,455 163,599 265,687 4,151 2809 99,879 2,555 163,599 265,681 4,461 2809 99,899 2,555 163,599 2,566 4,465 265,687 4,515 2809 84,790 2,695 177,749 265,695 177,749 265,695 177,749 265,695	70.0								
2814 130,621 2,815 79,170 212,805 212 2815 126,529 2,848 80,879 210,050 422 2816 117,338 2,835 79,449 199,523 622 2817 121,675 2,794 80,407 204,876 622 2818 119,690 2,748 79,222 200,876 622 2818 119,690 2,748 79,222 200,876 122 2819 117,737 2,499 80,422 200,719 1,282 2803 113,816 2,472 80,816 199,504 1,422 2802 113,807 2,440 80,011 199,504 1,422 2802 111,068 2,440 80,011 199,504 1,422 2802 111,068 2,440 80,011 199,505 1,822 2802 110,404 2,468 81,419 199,137 2,919 2804 103,441 2,778 86,439 197,358 2,217 2805 106,672 2,475 86,981 199,124 2,467 2806 109,932 2,590 85,918 192,480 2,600 2807 103,220 2,477 35,577 191,334 2,777 2808 101,556 2,462 86,461 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,177 2809 99,879 2,451 82,161 190,461 3,178 2809 99,879 2,451 82,161 190,461 3,178 2809 99,879 2,455 163,599 265,687 4,151 2809 99,879 2,555 163,599 265,681 4,461 2809 99,899 2,555 163,599 2,566 4,465 265,687 4,515 2809 84,790 2,695 177,749 265,695 177,749 265,695 177,749 265,695		200	Both the	War Section	mental the	200 A.A.	and white	STEER'S ENGLISH	Mint. eZahi
2814 130,821 2,815 79,170 212,806 212 2615 126,329 2,848 80,873 2210,050 422 2616 117,338 2,835 79,449 159,623 622 2647 121,675 2,794 80,407 204,876 82 2648 119,690 2,748 79,252 201,690 1,025 2649 117,737 2,499 80,482 20,719 1,23 3620 115,816 2,472 80,616 198,904 1,42 2621 113,977 2,472 80,616 198,904 1,42 2622 110,240 2,468 81,419 197,033 1,62 2623 110,240 2,468 81,419 197,335 2,21 2624 108,411 2,478 86,439 197,335 2,21 2624 108,411 2,478 86,439 197,335 2,21 2625 106,672 2,675 86,981 192,240			E. M.			2012	62.50 · · · · · · · · · · · · · · · · · · ·		AND THE
2814 130,821 2,815 79,170 212,806 212 2615 126,329 2,848 80,873 2210,050 422 2616 117,338 2,835 79,449 159,623 622 2647 121,675 2,794 80,407 204,876 82 2648 119,690 2,748 79,252 201,690 1,025 2649 117,737 2,499 80,482 20,719 1,23 3620 115,816 2,472 80,616 198,904 1,42 2621 113,977 2,472 80,616 198,904 1,42 2622 110,240 2,468 81,419 197,033 1,62 2623 110,240 2,468 81,419 197,335 2,21 2624 108,411 2,478 86,439 197,335 2,21 2624 108,411 2,478 86,439 197,335 2,21 2625 106,672 2,675 86,981 192,240	Ash Section		被操 在通	100年 美洲			3,14	J. B. Carren	
2016	2014	130,821		2,815	79,170			212,806	212,806
2847 121,675 2,784 80,407 204,876 627 2848 119,690 2,748 79,252 201,690 1,025 2649 117,737 2,469 80,462 200,719 1,235 3620 115,816 2,472 49,616 198,904 1,422 2601 113,977 2,472 49,616 198,904 1,422 2602 113,977 2,472 49,616 198,904 1,422 2602 113,977 2,472 49,616 198,904 1,422 2602 113,977 2,472 80,639 197,033 1,622 2602 113,940 2,460 80,031 194,359 1,822 2603 110,240 2,668 81,419 195,127 2,971 2604 100,441 2,476 86,439 197,338 2,231 2605 100,672 2,475 86,981 195,124 2,470 2606 104,322 2,477 45,637 <td< th=""><th>2015</th><th>126,329</th><th></th><th>2,848</th><th>80,873</th><th></th><th></th><th>210,050</th><th>122,856</th></td<>	2015	126,329		2,848	80,873			210,050	122,856
2018 119,000 2,748 79,252 201,050 1,022 2019 117,737 2,499 80,482 200,719 1,238 2020 1113,816 2,472 80,616 198,904 1,428 2021 113,977 2,4472 80,639 197,038 1,622 2022 112,068 2,440 80,031 194,339 1,828 2023 110,840 2,468 81,419 194,127 2,914 2024 103,441 2,478 86,439 197,358 2,211 2025 106,672 2,475 86,581 197,358 2,211 2025 106,672 2,475 86,581 199,124 2,600 2026 104,932 2,250 85,018 192,480 2,600 2027 103,220 2,477 85,537 191,334 2,791 2028 101,556 2,482 86,263 190,281 2,281 2029 399,379 2,451 88,161 190,949 3,177 2029 3,445 82,459 189,155 3,561 2021 96,647 2,666 160,324 259,667 3,621 2023 99,379 2,445 82,459 189,155 3,561 2024 90,570 3,033 163,699 266,812 3,881 2024 91,593 2,242 168,254 2,260 2,260 2023 93,519 2,242 168,254 2,260 2,260 2024 91,593 2,254 169,622 2,264,868 4,675 2024 91,593 2,265 163,396 2,263 2,263 2024 91,593 2,265 163,396 2,263 2,263 2025 2,263 2,263 2,263 2,263 2026 2,263 2,263 2,263 2,263 2027 2,264 2,265 2,264 2028 2,265 2,265 2,265 2,265 2028 2,265 2,265	2016	117,338		2,835	79,449			199,623	622,479
2019 117,737 2,499 80,422 200,719 1,238 2020 115,816 2,472 80,516 198,904 1,428 2021 113,977 2,472 80,539 197,033 1,623 2022 112,083 2,440 80,031 194,539 1,823 2023 110,240 2,468 81,419 194,127 2,014 2024 108,441 2,478 86,359 197,358 2,231 2025 106,672 2,473 86,311 196,128 2,401 2026 104,932 2,339 85,018 192,480 2,602 2027 103,220 2,477 85,637 191,334 2,791 2028 101,536 2,482 80,263 190,281 2,981 2029 99,779 2,451 88,499 189,155 3,561 2031 96,647 2,696 160,324 259,667 3,621 2031 96,647 2,696 160,324 <t< th=""><th>2017</th><th>121,67\$</th><th></th><th>2,794</th><th>80,407</th><th></th><th></th><th>204,876</th><th>827,354</th></t<>	2017	121,67\$		2,794	80,407			204,876	827,354
2020 115,816 2,472 80,616 198,904 1,428 2021 113,977 2,472 80,639 197,038 1,628 2,240 80,031 194,539 1,828 2,240 80,031 194,539 1,828 2,240 80,031 194,539 1,828 2,242 110,240 2,468 81,419 194,127 2,041 2,025 106,672 2,475 86,339 197,335 2,231 2,205 106,672 2,475 86,981 195,128 2,407 2,026 104,931 2,530 85,018 192,440 2,000 2,247 103,220 2,477 85,637 191,334 2,797 2,242 101,356 2,482 86,263 190,281 190,281 2,398 2,429 399,879 2,451 88,161 190,491 3,177 2439 99,879 2,451 88,459 189,155 3,361 2,250 2,444 88,459 189,155 3,361 2,250 2,444 88,459 2,566,812 3,881 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256,877 3,621 2,256 2,256,877 3,621 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,256 2,257 2,2	2418	119,690		2,748	79,252			201,690	1,029,044
2021 113,977 2,472 80,639 157,038 1,622 2022 112,068 2,440 80,031 194,539 1,828 2023 110,240 2,468 81,419 154,127 2,014 2024 108,441 2,478 86,439 157,338 2,231 2025 106,672 2,478 86,539 159,128 2,400 2026 104,932 2,530 85,018 159,128 2,400 2,600 2027 103,220 2,477 85,537 159,134 2,791 2,600 2028 101,536 2,482 86,263 159,240 2,600 2,692 2,441 8,459 159,135 3,972 2,991 2,441 8,459 159,135 3,973	2019	117,737		2,499	80,482			200,719	1,229,763
2822 112,068 2,440 80,031 164,339 1,826 2823 110,240 2,668 81,419 194,127 2,014 2824 105,441 2,476 86,399 197,338 2,211 2825 105,672 2,475 86,841 197,338 2,211 2826 104,932 2,530 85,918 192,440 2,600 2827 103,220 2,477 85,637 191,334 2,791 2828 101,536 2,482 86,263 190,281 2,981 2829 39,879 2,431 82,161 190,491 3,172 2829 39,879 2,443 82,459 189,156 3,241 2830 98,250 2,445 82,459 189,166 3,621 2801 96,647 2,696 160,324 259,667 3,621 2802 95,070 3,033 168,629 266,812 3,821 2803 91,993 2,955 163,298	2020	115,816		2,472	\$0,616			198,904	1,428,667
2823 110,240 2,468 81,419 194,127 2,014 2824 103,441 2,478 86,439 197,338 2,211 2825 106,672 2,475 86,981 196,128 2,407 2826 104,932 2,530 85,018 192,480 2,600 2827 103,220 2,477 85,637 191,334 2,791 2828 101,536 2,482 86,263 190,221 2,591 2829 39,379 2,451 82,161 190,491 3,172 2430 38,250 2,445 82,459 189,155 3,561 2001 36,647 2,696 160,324 259,667 3,621 2832 35,570 3,033 168,489 266,812 3,881 2833 93,519 2,842 166,326 266,812 3,881 2834 31,593 2,255 168,398 266,812 3,881 2833 93,519 2,842 166,826 <td< th=""><th>202]</th><th>113,927</th><th></th><th>2,472</th><th>80,639</th><th></th><th></th><th>197,038</th><th>1,625,705</th></td<>	202]	113,927		2,472	80,639			197,038	1,625,705
2824 108,441 2,478 86,439 197,358 2,211 2825 106,672 2,475 86,981 196,128 2,407 2826 104,932 2,390 85,018 192,440 3,600 2827 103,220 2,477 85,637 191,334 2,791 2828 101,536 2,482 86,263 190,281 2,992 2829 393,79 2,451 88,161 190,491 3,172 2839 99,250 2,443 88,459 189,155 3,361 2801 96,547 2,696 160,324 259,667 3,621 2802 95,070 3,033 168,689 266,812 3,88 2813 93,519 2,842 168,626 266,812 3,88 2823 93,579 3,033 168,689 266,812 3,88 2824 95,070 3,033 168,689 266,812 3,88 2833 93,519 2,842 168,626 260	21022	112,068		2,440	80,031			194,539	1,820,244
2825 106,672 2,475 86,981 196,128 2,407 2826 104,932 2,530 85,018 192,480 2,600 2827 103,220 2,477 85,637 191,334 2,791 2828 101,536 2,482 86,263 190,281 2,981 2829 98,79 2,451 82,451 190,491 3,172 2829 98,250 2,451 82,459 189,155 3,521 2831 98,250 2,445 82,459 189,155 3,621 2802 98,250 2,445 82,459 189,155 3,621 2803 98,250 1,69,627 2,666 160,324 25,667 3,621 2802 95,070 3,033 168,699 266,812 3,881 2803 93,519 2,842 168,626 264,967 4,153 2804 91,593 2,955 163,398 263,346 4,416 2803 90,492 2,754 16	2023	110,240		2,468	81,419			194,127	2,014,371
2826 104,932 2,530 85,018 192,480 2,600 2827 103,220 2,477 85,637 191,334 2,791 2828 101,536 2,482 86,263 190,281 2,981 2829 99,879 2,451 82,161 190,491 3,172 2836 98,250 2,443 82,459 189,155 3,567 2801 96,647 2,696 160,324 256,667 3,621 2802 95,070 3,033 168,639 266,812 3,841 2813 93,519 2,842 168,636 264,867 4,152 2834 91,993 2,953 168,636 264,967 4,152 2835 90,492 2,754 169,622 262,868 4,675 2805 39,016 2,869 168,616 260,501 4,952 2807 87,564 2,673 171,083 261,319 5,264 2808 39,016 2,869 168,616 <th< th=""><th>2024</th><th>108,441</th><th></th><th>2,478</th><th>86,439</th><th></th><th>1</th><th>197,358</th><th>2,211,729</th></th<>	2024	108,441		2,478	86,439		1	197,358	2,211,729
2867 103,220 2,477 85,637 191,334 2,791 2628 101,536 2,482 86,263 190,281 2,981 2429 99,879 2,451 83,161 190,491 3,172 2430 98,250 2,445 83,459 189,155 3,361 2031 96,647 2,696 160,324 259,667 3,621 2462 95,070 3,033 168,689 266,812 3,881 2833 93,519 2,842 168,636 264,987 4,153 2844 91,999 2,955 168,398 263,346 4,416 2834 91,999 2,754 169,622 262,486 4,416 2835 99,166 2,869 168,616 260,501 4,935 2836 39,166 2,869 168,616 260,501 2,501 2807 87,564 2,673 171,083 261,319 3,50 2808 36,135 2,803 176,803	2025	106,672		2,475	86,981			196,128	2,407,857
2828 101,536 2,482 86,263 190,281 2,581 2829 99,879 2,451 83,161 190,491 3,172 2830 98,250 2,445 83,459 189,155 3,361 2851 96,647 2,696 160,324 259,667 3,621 2802 95,070 3,035 168,689 266,812 3,881 2833 93,519 2,842 168,626 264,987 4,152 2834 91,993 2,955 168,398 265,346 4,416 2835 90,492 2,754 169,622 262,688 4,535 2836 39,016 2,869 168,616 260,501 4,935 2807 87,564 2,673 171,083 261,319 3,20 2808 36,135 2,803 176,803 260,501 2,644 2809 84,730 2,603 177,444 2,647,779 5,731 2809 84,730 2,603 177,444 <t< th=""><th>2024</th><th>104,932</th><th></th><th>2,530</th><th>85,018</th><th></th><th></th><th>192,480</th><th>2,600,337</th></t<>	2024	104,932		2,530	85,018			192,480	2,600,337
2839 399,879 2,451 88,161 190,491 3,172 2836 98,250 2,445 88,459 189,155 3,361 2031 96,647 2,696 160,324 259,667 3,621 2832 95,070 3,033 163,689 266,812 3,848 3633 93,519 2,842 166,626 264,967 4,153 2834 91,993 2,955 168,398 263,346 4,416 2835 90,492 2,754 169,622 262,668 4,675 2805 39,016 2,869 168,616 260,501 4,955 2807 37,564 2,673 171,083 260,501 4,955 2808 36,135 2,803 176,803 265,741 5,464 2809 84,730 2,605 177,444 264,779 5,731 2800 83,348 2,718 177,230 263,296 5,99 2841 81,988 2,524 178,046 <th< th=""><th>2027</th><th>103,220</th><th></th><th>2,477</th><th>\$5,637</th><th></th><th></th><th>191,334</th><th>2,791,671</th></th<>	2027	103,220		2,477	\$5,637			191,334	2,791,671
2838 98,250 2,445 88,459 189,155 3,361 2031 96,647 2,696 160,324 259,667 3,621 2832 95,070 3,033 168,689 266,812 3,848 3633 93,519 2,842 168,626 264,967 4,153 2834 91,993 2,955 168,398 263,346 4,416 2835 90,492 2,754 169,622 262,866 4,675 2836 39,016 2,869 168,616 260,501 4,955 2837 87,564 2,673 171,083 261,319 5,264 2838 86,135 2,803 176,803 261,319 5,244 2838 86,135 2,803 176,803 264,779 5,731 2840 83,348 2,718 177,230 263,296 5,99 2841 81,988 2,524 178,046 262,558 6,257 2843 80,650 2,630 177,789 <th< th=""><th>2028</th><th>101,536</th><th></th><th>2,482</th><th>86,263</th><th></th><th></th><th>190,281</th><th>2,981,952</th></th<>	2028	101,536		2,482	86,263			190,281	2,981,952
2031 96,647 2,696 160,324 259,667 3,621 2032 95,070 3,033 168,629 266,812 3,841 2633 93,519 2,842 168,626 264,667 4,152 2634 91,993 2,955 168,398 263,546 4,416 2635 90,492 2,754 169,622 262,666 4,675 2636 39,016 2,869 168,616 260,501 4,955 2607 87,564 2,673 171,063 261,319 5,20 2638 86,135 2,803 176,803 265,741 5,466 2609 84,730 2,505 177,444 264,779 5,731 2640 83,348 2,718 177,230 261,296 5,594 2641 81,988 2,524 178,946 262,558 6,257 2643 80,650 2,630 177,789 261,069 6,51	2429	99,879		2,451	22,161		,	190,491	3,172,442
2832 95,070 3,053 168,689 266,812 3,881 2833 93,519 2,842 168,626 264,687 4,153 2834 91,993 2,955 168,398 263,346 4,416 2835 90,492 2,754 169,622 262,666 4,675 2836 89,016 2,869 168,616 260,501 4,955 2807 87,564 2,673 171,083 261,319 5,20 2838 86,135 2,803 176,803 265,741 5,466 2809 84,730 2,505 177,444 264,779 5,731 2940 83,348 2,718 177,230 261,296 5,594 2041 81,988 2,524 178,046 262,558 6,25 2043 80,650 2,630 177,789 261,069 6,51	2,030	98,250		2,443	28,459			189,155	3,361,597
3633 93,519 2,842 168,626 264,987 4,153 2634 91,993 2,955 168,398 263,346 4,416 2635 90,492 2,754 169,622 262,668 4,675 2636 89,016 2,869 168,616 260,501 4,935 2637 87,564 2,673 171,063 261,319 5,201 2638 86,135 2,803 176,803 265,741 5,466 2609 84,730 2,605 177,444 264,779 5,731 2640 81,348 2,718 177,230 263,296 5,994 2641 81,988 2,524 178,946 262,558 6,257 2643 80,650 2,630 177,789 261,069 6,511		96,647		2,6%	160,324			259,667	3,621,264
2634 91,993 2,955 168,398 263,346 4,416 2635 90,492 2,754 169,622 262,666 4,675 2636 89,016 2,869 168,616 260,501 4,955 2637 87,564 2,673 171,063 261,319 5,20 2638 86,135 2,803 176,803 265,741 5,466 2609 84,730 2,505 177,444 264,779 5,731 2640 81,348 2,718 177,230 261,296 5,594 2641 81,988 2,524 178,046 262,558 6,257 2643 80,650 2,630 177,789 261,069 6,511				3,053	162,689			266,812	3,888,076
2835 90,492 2,754 169,622 262,666 4,675 2836 89,016 2,869 168,616 260,501 4,955 2837 87,564 2,673 171,063 261,319 5,20 2838 86,135 2,803 176,803 265,741 5,466 2839 84,730 2,505 177,444 264,779 5,731 2940 83,348 2,718 177,230 263,296 5,594 2041 81,988 2,524 178,046 262,558 6,257 2043 80,650 2,630 177,789 261,069 6,511								· ·	4,153,063
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	2943	79,334		2,444	178,882	3		260,660	6,779,201

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- 1, In all scenarios the GRBC PPA begins January I, 2014,
- 2. All figures are present worth with a 4,20% discourt rate and 2009 base year,
- 3. Fixed OikM Costs are included in the "Capital Costs" column.

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7 F. W.	Market Contract	matter inter	inter state	section in the			History of the	. Mar. 6.6-2
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2014	130,821		1,962	94,936	,		227,719	227,719
2015	126,329		2,026	94,613			222,970	450,689
2016	117,338		2,029	92,505	-		211,572	662,361
2017	121,675		2,052	92,147	7		215,875	878,436
2918	119,690		2,018	90,838	7		212,547	1,090,983
2019	117,737		1,871	91,857	7		211,465	1,302,448
2020	115,816		1,844	90,175	•		207,836	
2021	113,927		1,948	19,618	7		205,393	1,715,676
2022	112,068		1,354	88,879	47,694	T	250,695	1,966,371
2023	110,240		1,340	101,127	42,259		254,966	2,221,337
2024	106,441		357ر1	100,217	45,619		255,635	2,476,972
2025	106,672	,	1,378	98,978	48,961	·	255,990	2,732,962
2826	104,932		1,401	96,593	51,630		254,557	2,987,519
2027	103,220		1,411	95,651	55,394	· · · · · · · · · · · · · · · · · · ·	255,676	3,243,195
2472	101,536		1,383	94,745	58,551	1	256,214	3,499,410
2929	99,879		1,400	94,290	62,762		258,331	3,757,740
2430	98,250		1,372	92,581	66,349		258,552	4,016,292
2031	96,647		2,149	149,578	42,732		291,106	4,307,398
2432	95,070		2,479	158,544	41,413	1	297,505	4,604,903
2433	93,519		2,372	157,090	42,742	1	295,724	4,900,627
2034	91,993		2,432	156,187	46,734	Ī	297,345	5,197,973
2035	90,492		2,323	155,825	48,156		296,794	5,494,767

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Notes:

- 1. In all scenarios the OREC PPA begins January 1, 2014.
- All figures are present worth with a 4.20% discount rate and 2009 base year.
 Fixed Q&M Costs are included in the "Capital Costs" column.
 All Cases use AEO 2010 Fuel Price Forceast.

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50 mar 15	ESPECIAL SERVICE		2000 P. C.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Deliver, Linear		3. 3 X. X.	
2914	130,821		1,962	108,025	-		240,806	240,800
2015	126,329		2,026	106,964	-	1	235,319	476,127
2016	117,338		2,029	104,333	•		223,700	699,527
2017	121,675		2,052	103,456	-		227,183	927,010
2918	119,690		2,018	101,668	-		223,376	1,150,387
Z919	117,737		1,871	102,124	•		221,733	1,372,115
2020	115,816		1,844	99,522	-		217,483	1,549,602
2021	113,927		1,848	98,765	-		214,540	1,804,141
2422	112,068		1,854	97,488	39,375	1	250,785	2,054,926
2023	110,240		1,340	101,127	42,259		254,966	2,309,893
2024	108,441		1,357	100,217	45,619		255,635	2,565,527
2025	106,672		1,371	98,978	48,961	Î	255,990	2,821,517
2026	104,932		1,401	96,595	51,630	<u> </u>	254,557	3,076,075
2027	103,220		1,413	95,631	55,394	î	255,676	3,331,750
2024	101,536		1,383	94,745	54,551	T	256,214	3,587,965
2029	99,879		1,400	94,290	62,762		254,331	3,846,296
2030	98,250		1,372	92,581	66,349		258,552	4,104,847
2431	96,647		2,149	149,578	42,732	1	291,106	4,395,954
2032	95,070		2,479	158,544	41,413	1	297,505	4,693,459
2033	93,519		2,372	157,090	42,742		295,724	4,989,182
2034	91,993		2,432		46,734		297,345	5,286,528
2435	90,492		2,323			l	296,794	5,543,322
2436	89,016		2,389	154,130	52,596		298,134	5, \$\$ 1,456
2037	87,564		2,287	154,924	54,401		299,176	6,180,632
2438	86,135		2,458	159,438	61,399		309,430	6,490,062
2039	84,730		2,311	158,717	62,860		308,617	6,798,680
20-40	83,14		2,399	157,722	69,001		312,470	7,111,149
2841	81,988		2,256	157,165	70,582		311,991	7,423,141
2042	80,650		2,344	156,235	77,541		316,770	7,739,911
2943	79,334		2,199	135,961	79,263		316,757	8,056,667

- 1. In all sometime the GREC PPA bugins James 1, 2014.
 2. All figures are present worth with a 4.20% discount rate and 2009 base year.
 3. Pixed OdUM Costs are included in the "Capital Costs" column.
 All Cases are AllO 2010 thesi Price Foregast.

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F-34 (4)			卷 翻				1. E. S.	
2614	130,921	**************************************	2,815	79,170	ST 2.460	5-12-14-12-13-13-13-14-14-14-14-14-14-14-14-14-14-14-14-14-	212,806	212,806
2015	126,329		2,848	80,873	<u> </u>		210,050	422,856
2016	117,338		2,835	79,449		<u> </u>	199,623	622,479
2017	121,675		2,794	80,407		 	204,876	827,354
2018	119,690		2,748	79,252			201,690	1,029,044
2017	117,737		2,499	80,482			200,719	1,229,763
2020	115,816		2,472	₹0,616			198,904	1,428,667
2021	113,927		2,472	80,639		1	197,030	1,625,705
2022	112,068		2,460	80,619	56,762	 	251,909	1,877,614
2023	110,240		2,491	82,120	60,690		255,542	2,133,155
2024	108,441	 -	2,526	86,519	65,053		262,540	2,395,693
2025	106,672		2,523	87,221	69,574		263,991	2,661,686
2826	104,932		2,530	85,101	72,250		264,244	2,926,529
2027	103,220		2,501	85,717	77,333		268,773	3,195,303
2028	101,536		2,492	86,418	81,587		272,032	3,467,335
2029	99,879		2,467	88,270	67,110		277,726	3,745,060
2030	98,250		2,462	88,593	91,754		281,059	4,026,120
2031	96,647		2,712	160,369	53,170		312,898	4,339,018
2032	95,070		3,053	168,695	48,992		315,810	4,634,828
2033	93,519		2,842	168,644	49,612		314,617	4,969,444
2034	91,993		2,955	168,406	54,666		312,020	5,287,464
2035	90,492		2,754	169,673	55,430		312,350	5,605,814
2436	89,016		2,869	168,660	61,183		321,723	3,927,542
2437	87,564		2,673	171,074	61,975		321,796	6,250,829
2434	86,135		2,803	176,810	4		334,389	6,585,218
2039	84,730		2,605	177,472			334,235	6,919,453
2040	83,348		2,718	177,225	76,816		340,107	7,259,560
2641	21,982		2,524	178,041	77,601		340,153	7,599,713
2042	80,650		2,630				346,702	7,946,415
2043	79,334		2,444	178,870	86,661		347,309	8,293,724

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Joint Petition to Determine)
Need For the Gainesville Renewable)
Energy Center in Alachua County) DOCKET NO. 090451-EM
By Gainesville Regional Utilities)
and Gainesville Renewable Energy) FILED: April 8, 2010
Center, LLC.

GAINESVILLE REGIONAL UTILITIES AND GAINESVILLE RENEWABLE ENERGY CENTER, LLC'S NOTICE OF INTENT TO REQUEST CONFIDENTIAL CLASSIFICATION

Gainesville Regional Utilities ("GRU") and Gainesville Renewable Energy Center, LLC ("GREC LLC"), pursuant to Section 366.093, Florida Statutes (F.S.), and Rule 25-22.006, Florida Administrative Code (F.A.C.), hereby submit their Notice of Intent to Request Confidential Classification of certain information provided in the response to Staff's Interrogatory No. 117 ("Interrogatory No. 117"). The information provided in response to Interrogatory No. 117 contains proprietary confidential business information relating to GREC LLC's competitive interests, the release of which would harm GREC LLC's competitive business interests. Therefore, GREC LLC requests that the Commission afford the information provided to Staff in response to Interrogatory No. 117 confidential classification. An envelope containing both a confidential paper copy and a confidential CD containing the confidential information, highlighted in yellow, are attached hereto as Exhibit A.

Pursuant to Rule 25-22.006(3)(a)(1), F.A.C., GREC LLC will file its Request for Confidential Classification for all confidential information contained therein within 21 days of filing this request.

Respectfully submitted this 8th day of April, 2010.

Roy C. Young

Florida Bar No. 0 1428
Robert Scheffel Wright
Florida Bar No. 966721
John T. LaVia, III
Florida Bar No. 853666

Florida Bar No. 853666 Young van Assenderp, P.A. 225 South Adams Street, Suite 200 Tallahassee, Florida 32301

Phone: 850/222-7206 FAX: 850/561-6834

Attorneys for GREC and GRU

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been served by hand delivery (*) or U.S. Mail this 8th day of April, 2010, on the following:

Erik Sayler/Martha Carter Brown*
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Raymond O. Manasco, Jr.
Gainesville Regional Utilities
P.O. Box 147117
Station A-138
Gainesville, FL 32614-7117

Paula H. Stahmer 4621 Clear Lake Drive Gainesville, Florida 32607 paulastahmer@aol.com

Dian R. Deevey 1702 SW 35th Place Gainesville, Florida 32608 diandv@bellsouth.net

Attorney