EXHIBIT B

REDACTED RESPONSE TO STAFF'S INTERROGATORY NO. 114 (TWO COPIES)

COM ____
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GCL ___
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ADM ___
OPC ___
CLK ___

DOCUMENT NUMBER -DATE

02292 MAR 30 º

FPSC-COMMISSION CLERK

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 Utilities and Gainesville Renewable Energy Center, LLC.

DATED: MARCH 30, 2010

CONFIDENTIAL RESPONSE TO NO. 114 OF STAFF'S FIFTH SET OF INTERROGATORIES TO GAINESVILLE RENEWABLE ENERGY CENTER (NOS. 107-116)

Gainesville Regional Utilities (GRU) and Gainesville Renewable Energy Center, LLC (GREC LLC), 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 submits the confidential response to Interrogatory No. 114 of Staff's Fifth Set of Interrogatories (Nos. 107-116).

The confidential response to Interrogatory No. 114 of Staff's Fifth Set of Interrogatories (Nos. 107-116) is provided by Richard Bachmeier, Electric System Planning Director, Gainesville Regional Utilities, 301 SE 4th Avenue, Gainesville, Florida 32601.

> DOCUMENT NUMBER -DATE 02292 MAR 30 º FPSC-COMMISSION OF TH

RESPONSE

114. Please complete the following table showing the annual and cumulative present value revenue requirements for the scenarios and cases listed above in Interrogatory No. 113 broken down by components as described below. As part of this response, please supply an electronic (Excel Format) copy along with a hard copy.

Definition of Column Headers

GRU Native Assets: Please include in these columns only those costs associated with GRU's existing generating assets, and excluding any purchased power contracts or market sales/purchases.

Market: Please include in these columns only those costs associated with GRU's purchased power contracts (excluding GREC) or market sales/purchases. For Power Sales, please use this value net of fuel and variable O&M used for sales, and represent payments as negative.

<u>GREC</u>: Please include in these columns all contract payments related to the GREC Facility, and any possible resale of power from GREC. For Power Resale from GREC, represent this value as negative.

<u>Environmental</u>: Please include in these columns all expenses related to environmental regulation, including potential carbon regulation. For REC Sales, assume that GRU would not be subject to HR 2454, and represent payments as negative.

	CEG.				Scenario					
			All C	osts are in	Present	Worth (20				
Year	GRU Nat	ive Assets	Ma	rket	GI	UEC .	Enviro	umental	T	tel .
	Cupital & Proof O&M Expenses	Freel & Vertable OAM Expenses	Purchased Power	Power Sales	Contract Payments	Power Result	Papeures 	REC Sales	Annual Value	Comolstive Value
2014										
2015							<u></u>			
2016										
2017								_		
2018										
2019										
2020										
2021										
2022							· · · · · · · · · · · · · · · · · · ·			
2623										
2024										
2025			<u> </u>							
2026										
1027										
2028										
2829										
2030										
2031										
2032					i 					
2033										
2634										
2035						-				
2036	-	<u></u>								
2037										
2038										
2039										
2040										
2841										
2042 2643										
Contract of the Contract of th										
Sum										

Response to Interrogatory No. 114:

Please see the completed tables below, which present the requested information. Tables have been provided for a scenario in which the value of renewable energy credits (RECs) is \$5.00/MWh in 2014, escalating at 2.5 percent annually, and for a scenario in which the value of RECs is \$25.00/MWh, with no escalation. Confidential information has been

highlighted in yellow. In the tables, the costs of compliance with CO₂ regulatory requirements are shown in the Environmental-Expenses column. In the scenarios with GREC, the Environmental Expenses include only CO₂ compliance costs, and the REC Sales value is the projected revenue to GRU, at the stated price (i.e., \$5/MWH with escalation or \$25/MWH flat), from selling surplus RECs. The No New Construction scenario does not include any REC costs to GRU, as GRU is assumed to be exempt from any renewable portfolio standard or renewable energy standard requirements for purposes of these analyses. The tables have also been included in Excel format on the enclosed CD.

Please note that in each of the following tables, the "Contract Payments" are all of the payments from GRU to GREC LLC. In the "Resale @ Full Contract Price" case, "Power Resale" includes the (1) payments to GRU from the 3rd party off-taker for 50 MW of GREC capacity valued at the contract price plus (2) the associated wheeling and tax revenues. In the "Resale @ Market Price" case, "Power Resale" includes the market sales revenues for the 50 MW of GREC capacity sold in the market. All revenues in the "Power Resale" columns are shown as negative values.

	Case: Base					@ Full Contract P	*			
				All C	osts are in Prese	nt Worth (2009S, S	000)			
Year	GRU Nati	ve Assets	Mar	ket	GI	EC	Emiron	mental	Tot	n l
	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Salez	Contract Payments	Power Resale	Expenses	REC Sales	Annual Value	Cumulative Value
2014								(1.604)	226 115	226 115
2015								(1.578)	221 392	447 507
2016						ļ		(1.557)	210.315	657.822
2017							•	(1.527)	214 348	872,170
2018							-	(1.502)	211 044	1 083 215
2019								(1.478)	209.988	1 293 202
2020							-	(1.458)	206 378	1.499.580
2021								(1.430)	203,963	1.703,544
2022							-	(1.406)	200.727	1.904 271
2023							•	(2,767)	209.587	2.113.858
2024							•	(2.729)	207.255	2 321 114
2025							-	(2,677)	204.320	2 525.434
2026								(2.634)	200.265	2,725,698
2627							•	(2.591)	197 719	2.923.418
2028								(2.556)	195.078	3,118,496
2029							•	(2.507)	193,010	3,311 506
2030								(2.466)	189.777	3.501.283
2031							-	(2.426)	246.029	3.747.312
2032							-	(2,393)	253.695	4.001 007
2033							<u>-</u>	(2.347)	250.690	4 251 696
2034							-	(2.309)	248,296	4 499 992
2035							•	(2.271)	246.322	4.746.314
2036							•	(2.241)	243.257	4.989,572
2037							•	(2 198)	242 585	5 232,156
2038								(2.162)	245 863	5 478 019
2039							•	(2.127)	243 651	5.721,670
2040							-	(2.098)	241.375	5.963 045
2041							-	(2,058)	239.356	6.202.401
2042								(2.024)	237 205	6,439,606
2043								(1.991)	235.514	6.675.120
Sum							•	(63.111)	6.675.120	

	Case: Base				Scenario: Resale	@ Market Price	- · · · · · · · · · · · · · · · · · · ·			
						at Worth (2009S, Se	000)			
Year	GRU Nati		Mar			REC	Environ	mental	Tot	al
	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Sales	Contract Payments	Power Resale	Expenses	REC Sales	Annual Value	Cumularive Value
2014							-	(3 208)	237 599	237 599
2015								(3.156)	232 163	469 763
2016							. 1	(3.113)	220.586	690 349
2017								(3.054)	224 129	914 47
2018							•	(3,004)	220.372	1 134.851
2019							-	(2.955)	218 777	1.353 620
2020							-	(2.915)	214.568	1,568 190
2021							-	(2.860)	211.680	1.779.870
2022							-	(2.813)	207,929	1 987 80
2023							-	(2.767)	209.587	2,197,39
2024							-	(2,729)	207.255	2 404 64
2025							-	(2.677)	204.320	2,608.96
2026								(2.634)	200 265	2,809 23
2027							•	(2,591)	197 719	3.006.95
2028							-	(2.556)	195.078	3 202 03
2029							•	(2,507)	193,010	3 395 04
2030							-	(2.466)	189 777	3 584 81
2031								(2.426)	246.029	3 830 84
2032							-	(2.393)	253 695	4.084.54
2033							-	(2.347)	250.690	4.335 23
2034								(2.309)	248.296	4.583 52
2035							٠	(2.271)	246,322	4.829 84
2036							٠	(2 241)	243.257	5.073.10
2037							-	(2 198)	242 585	5 315.69
2038							-	(2,162)	245,863	5 561 55
2039							-	(2,127)	243 651	5,805,20
2040							-	(2.098)	241.375	6.046 57
2041							•	(2.058)	239.356	6.285.93
2042								(2.024)	237.205	6.523 14
2043							•	(1.991)	235,514	6.758.65
Sum							-	(76 650)	6 758 655	

	CRU Nati	o Assets				e Construction (
		re Assets		7.43 5.43	ts are in Presen	Worth (2005).	1060)			
			Max	rkeet .		SC .	Emiru	sestal .	70	
		Poul &	Parebased	Poderčenostinika	Contract					
	ORU I SALES		Power	Power Sales	Payments	Power Resale	Lipenses	RZC Salas	Annual Value	Cussulative Valor
2014	130,821	79,808	2,179	/41					848.888	
2018	126,329	81,580	2,173	(1)					212,806	212,806
2016	117,338	80,173	2 113	(1)			-		210,050	422,856
2017	121,675	81,130	2,072	(1)	-	-	-	-	199,623	622,479
2018	119,690	79,964	2.038	(2)		<u> </u>		*	204,876	827,354
2019	117,737	80,968	2.015	(2)	<u>-</u>	<u>-</u>			201,690	1,029,044
2020	115,816	81,104	1,985	(2)		<u> </u>	-		200,719	1.229,763
2021	113,927	81,157	1,955	(1)	 -		-	•	198,904	1,428,667
2023	112,068	80,555	1,917	(1)	<u> </u>	-		<u>-</u> -	197,038	1,625,705
2023	110,240	81,991	1.898	(1)	<u>-</u>			-	194,539	1.820,244
2424	108,441	88,062	856	(1)	·	-			194,127	2,014,371
2025	106,672	88,552	905	(2)	<u>-</u>	•			197,358	2,211,729
2026	104,932	84,729	2,821	(2)		<u> </u>		<u>-</u>	196,128	2,407,857
2027	103,220	85,094	3.022	(1)	-				192,480	2,600,337
2028	101,536	85,763	2,984	(2)	-		-		191,334 190,281	2,791,671
2025	99,879	87,241	3,371	(1)			-		190,201	2,981,952
2636	98,250	87,453	3.454	(1)	-		-	-	189,155	3,172,442 3,361,597
2031	96,647	106,684	56,336	(0)	_		-	-	259,667	3,621,264
2032	95,070	121.110	50,632	- (0)	-				266,812	3,888,076
2033	93,519	113,906	57,563	_	-		-		264.987	4,153,063
2034	91,993	118,401	52 952						263,346	4,416,409
2035	90,492	112,571	59,805		-		-		262,868	4,679,278
2036	89,016	116,472	55,013	_	-		-		260,501	4,979,278
3637	87,564	110,414	63,342		•	-	-		261,319	5,201,098
2038	86,135	114,350	65,256	_	-				265,741	5,466,839
2939	84,730	108,410	71,640	_					264.779	5,731,618
2040	83,348	112,287	67 661	_	-	-			263,296	5,994,914
2041	81,988	106,240	74,329	-	-	-	_		262,558	6.257,471
2042	80,650	109.864	70,555	-		-			261,069	6,518,541
2843	79,334	104,153	77,173			-			260,660	6,779,201
See	3,049.060	2,870,185	859,982	(25)					6,779,201	J.(110,EU)

	Case: Regulated	CO2 ·	"		Scenario: Resale	Rull Contract P	rice			· · · · · · · · · · · · · · · · · · ·
				All C	osts are in Prese	nt Worth (2009S, S	000)			
Year	GRU Nati	ve Assets	Mar	ket	GI	ÆC	Enviro	nmenral	Tot	al
222.1	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Sales	Contract Payments	Power Retale	Expenses	REC Sales	Annual Value	Cumulative Value
2014								(1 604)	254 857	254 85
2015								(1.578)	252 197	507 05
2016								(1.557)	243 137	750 19
								(1.527)	249.541	999 73
2018								(1 502)	248 232	1.247 96
2019 2020								(1.476)	250 218	1 498 18
2020								(1.458)	249.043	1 747 22
2022								(1 430)	249 692	1 996 91
2023								(1.406)	249,288	2 246 20
2024								(2.767)	252 199	2 498 40
2025								(2.729)	252.905	2 751 31
_								(2 677)	253,313	3 004 62
2026								(2.634)	251 924	3.256.54
2027								(2.591)	253 085	3 509 63
2028								(2.556)	253.659	3 763 29
2029								(2.507)	255.824	4 019 1
2030								(2 466:	256 086	4 275 19
2031								(2 426)	288 680	4 563 8
2032								(2.393)	295 112	4 858 99
2033								(2.347)	293.376	5,152.3
2034								(2 309)	295 036	5 447 40
2035								(2.271)	294.623	5 741 9
2036								(2.241)	295 893	6 037 82
2037								(2.198)	296 978	6 334 79
2038								(2.162)	307 268	6 642 0
2039								(2.127)	306 491	6 948 5
2040								(2 098)	310.372	7 258 93
2041								(2.058)	309 934	7 568 8
2042								(2.024)	314 746	7 883 60
2043								(1 991)	314 766	8.198.37
Sum								(63 111)	8 198 375	

	Case: Regulated	CO2			Scenario: Resale				· · · · · · · · · · · · · · · · · · ·	
					osts are in Prese	nt Worth (2009S, S	000)			
Year	GRU Nat	re Assets	Mai	rket	GI	ŒC OŒ	Emiro	nmental	Tot	aì
	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Sales	Contract Payments	Power Rezale	Expenses	· REC Sales	Annual Value	Cumulative Value
2014								(3.208)	261 515	261 515
2015								(3 156)	257 869	519 384
2016								(3 113)	246 006	767 390
2017								(3.054)	253 631	1 021 021
2018								(3.004)	251.547	1 272 568
2019								(2,955)	252 656	1 525 224
2020	l,							(2 915)	250.502	1 775 726
2021								(2 860)	250.319	2 026 045
2022								(2.813)	248.999	2 275 044
2023								(2.767)	252.199	2 527 244
2024	ŀ							(2.729)	252 905	2.780 149
2025	L							(2.677)	253.313	3 033 462
2026								(2.634)	251 924	3,285,385
2027	1							(2.591)	253.085	3,538,470
2028	1							(2 556)	253,659	3 792 129
2029								(2 507)	255.824	4.047.953
2030								(2.466)	256 086	4.304.039
2031								(2 426)	288,680	4.592.719
2032								(2 393)	295,112	4.887.831
2033								(2.347)	293 376	5,181,208
2034								(2.309)	295 036	5.476 244
2038	_							(2,271)	294 523	5.770.767
2036								(2.241)	295 893	6.066.660
2037								(2.198)	296.978	6.363 638
2038								(2 162)	307 268	6.670 907
2039								(2 127)	306 491	6 977 397
2040								(2.096)	310 372	7.287 769
2041								(2.058)	309 934	7 597 703
2042								(2.024)	314 746	7.912 449
2043								(1.991)	314 766	8 227 214
Sum								(76 650)	8 227 214	

	Cale 2 cline	中 2排量指導				Colonial II				
				All Co	ts are la Presen	: Werth (2009S,	(000)			
Year	GRUNA		No.	ka	GI GI	SC	Links		Tet	
	Castal & Pass		Payabled		Col.					
	OAM2-market		Porter	Power Sales	Payments	Porer Rende	- December 1	DIC Sales	Aunual Value	7-7-7
2014	130,821	80,638	2 179	(1)			34,474		248,111	248,111
2016	126,329	81,827	2,142	(1)			36,945		247,242	495,353
2616	117,338	80,180	2,113	(1)		-	39,170		238,800	734,153
2617	121,675	81,567	2,072	(2)	-	-	41,957		247,270	981,423
2018	119,690	80,954	2,038	(2)	-	-	44,477		247,157	1,228,580
2039	117,737	81,645	2,013	(2)	-	-	47,592		248,985	1,477,565
2020	115,816	81,493	1,982	(2)	-	-	50,364	•	249,654	1,727,219
2021	113,927	81,526	1,951	(2)	-	-	53,746		251,148	1,978,367
2012	112,068	81,163	1,914	(1)	-	-	56,762		251,906	2,230,273
2023	110,240	82,722	1,891	(2)	_	-	60,690		255,542	2.485,815
2024	108,441	88,191	856	(2)	-	-	65,053		262,540	2,748.354
2025	106,672	88,842	905	(2)			69.574	-	265,991	3,014.345
2036	104,932	84,813	2,821	(2)		-	72,280		264,844	3.279.189
2027	103,220	85,200	3,022	(2)		-	77,333	-	268,773	3,547,962
2028	101,536	85,927	2.984	(2)		-	81.587	-	272,032	3,819,994
2029	99,879	87.366	3,371	(1)		•	87,110	-	277,726	4.097,720
2630	98,250	87,603	3,454	(1)			91,754	-	281,059	4,378,779
2031	96,647	106,745	56,336	(0)			53,170		312,898	4,691,677
2032	95,070	121,116	50,632			-	48,992	-	315,810	5,007.487
2033	93,519	113,923	57,563				49 612	-	314,617	5.322,104
2034	91,993	118,409	52,952	-			54,666		318,020	5,640,124
2035	90,492	112,622	59,805			•	55,430	_	318,350	5,958,473
2536	89,016	116,516	55,013	<u> </u>		•	61.183		321,728	6,280,202
2837	87,564	110,406	63,342	• _		<u> </u>	61,975		323,286	6,603,488
2018	86,135	114,357	65,256				68,641	-	334,389	6,937,877
2039	84,730	108,388	71.640	<u> </u>		-	69,477		334,235	7,272,112
2040	83,348	112,282	67,661		<u> </u>		76,816		340,107	7,612,219
2041	81,988	106,235	74,329			-	77,601	•	340,153	7,952,372
20-02	80,650	109,864	70,555	-		-	85,633		346,702	8.299,074
2943	79,334	104,141	77,173		-	•	86,661		347,309	8,646,384
Sunt	3.049,060	2,876,660	859,963	(26)		-	1,860,727	-	8,646,384	

	Case: Delay until	2015, uo ITCs/RI	EG			E Full Contract P				
				All C	osts are in Prese	nt Worth (2009S, S	000)			
Year	GRU Nati		Mar	'ket	GI	SEC .	Environ	mental	Tot	al
	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Salez	Contract Payments	Power Rezale	Expenses	REC Sales	Annual Value	Cumulative Value
2014							•	-	212 806	212 80
2015							-	(1 578)	223 886	436 69
2016							•	(1.557)	212.716	649 40
2017							- "	(1.527)	216 645	866.05
2018							-	(1.502)	213 249	1 079 30
2019							•	(1.478)	212 103	1.291.40
2020							-	(1.458)	208.414	1,499.81
2021							-	(1.430)	205 912	1.705.73
2022							•	(1 406)	202 597	1 906 32
2023								(2.767)	213 177	2.121 5
2024								(2.729)	210 710	2.332.2
2025							-	(2.677)	207.626	2.539.8
2026								(2.634)	203.437	2 743.2
2027							-	(2.591)	200.764	2.944.0
2028								(2.556)	198 008	3 142 0
2029							-	(2.507)	195 814	3.337 8
2030							-	(2 466)	192,468	3.530.3
2031							-	(2,426)	248 611	3.778 9
2032								(2.393)	256.181	4.035 1
2033							-	(2.347)	253.068	4.288.1
2034	-							(2.309)	250.579	4 538 7
2035								(2.271)	248.513	4 787 2
2036								(2.241)	245 366	5.032.6
2037								(2.198)	244 602	5.277.2
2038								(2.162)	247.799	5 525,0
2039								(2.127)	245 509	5.770.5
2040								(2.098)	243 163	6 013.7
2041								(2.058)	241.068	6 254 7
2042							-	(2.024)	238 847	6 493.6
2043								(1.991)	237.091	6.730.7
Sum								(61.507)	6.730.729	

	Case: Delay until	2015, no ITCs/RE	G		Scenario: Resale	@ Market Price				
	<u> </u>		T			nt Worth (2009S, S				
Year	GRU Nati	ve Assets Fuel & Variable O&M Expenses	Mar Purchased Power	Power Salez	Contract Payments	Power Resale	Environ Expenses	REC Sales	Tot Annual Value	ai Cumulative Value
2014	-	•					-		212 806	212 806
2015							-	(3 156)	233 681	446 687
2016							-	(3.113)	222.142	668 829
2017							-	(3.054)	225.321	894 150
2018								(3.004)	221 564	1 115 713
2019								(2.955)	220.438	1.336.151
2020							-	(2.915)	216 787	1 552 938
2021								(2,860)	213.712	1 766,650
2022							-	(2 813)	209 117	1 975 767
2023							-	(2.767)	213.177	2.188.944
2024							-	(2.729)	210,710	2.399.653
2028							•	(2.677)	207.626	2.607.279
2026							•	(2.634)	203.437	2.810.716
2027							•	(2.591)	200,764	3.011.480
2028								(2 556)	198 008	3 209 489
2029							•	(2.507)	195.814	3,405,303
2030	-							(2.466)	192 468	3,597,771
2031							-	(2.426)	248.611	3,846,382
2032							•	(2.393)		4.102.563
2033							•	(2.347)	253.068	4 355 631
2034								(2.309)	250.579	4.606 209
2035								(2.271)	248 513	4 854 722
2036							<u> </u>	(2.241)	245,366	5 100 068
2037							-	(2, 198)	244,602	5 344 690
2038							-	(2 162)		5 592 490
2039							-	(2.127)		5.837 999
2040								(2.098)	243 163	6.081 162
2041							•	(2.058)	241 068	6 322 230
2042								(2.024)		6.561 077
2043								(1.991)	237.091	6,798,168
Sum							•	(73 442)	6 798 168	

		1 2015, no FFC1/				Wh in 2014, esc or Construction (annually		
	e li di di di di di di	riginii Audolo (b. 15				eWarth (2000)				
Year	GRU Ya	re Assets	ni arresta de Ma			ac -		mental .	Tei	
	Capital & Fixed	Feel & Variable OAM	Parelineel Power	Power Sales	Contract			and a landard sin		Consulation
	OdM Paperson	Expenses			Payments			RECSalar	Annual Value	Velue
2014	130,821	79,808	2,179	(1)	-	-	_	-	212,806	212,806
2016	126,329	81,580	2,142	(1)	•	-	-	-	210.050	422,856
2016	117,338	80,173	2,113	(1)	-	-	-		199,623	622,479
2017	121,675	81,130	2.072	(1)	-	-	-		204,876	827,354
2018	119,690	79,964	2,038	(2)	-	-	-		201,690	1,029,044
2019	117,737	80,968	2,015	(2)	-	-	_	-	200,719	1,229,763
2020	115,816	81,104	1,985	(2)	•	-	-		198,904	1,428,667
2021	113,927	81,157	1,955	(1)	-	-			197,038	1,625,705
2022	112,068	80,555	1,917	(1)	-				194,539	1,820,244
3923	110,240	81,991	1,898	(1)		-	-	-	194,127	2,014,371
2024	108,441	88.062	856	(1)				-	197,358	2,211,729
3926	106,672	88,552	905	(2)	•	-	-		196,128	2,407,857
2026	104,932	84,729	2,821	(2)	-	-		_	192,480	2,600,337
2027	103,220	85_ 094	3,022	(1)	<u>-</u>	•	•	-	191,334	2,791,671
2028	101,536	85,763	2,984	(2)		_	-	-	190,281	2,981,952
2029	99,879	87.241	3,371	(1)	-	-	-		190,491	3,172,442
2838	98,250	87,453	3,454	(1)	-	•	-	-	189,155	3,361,597
2031	96,647	106,684	56,336	(0)	-	_	-		259,667	3,621,264
2032	95,070	121,110	50,632	-	-	-	-	-	266,812	3,888,076
2033	93,519	113,906	57,5 6 3	•	-	-	_		264,987	4,153,063
2834	91,993	118,401	52,952			-	-	-	263,346	4,416,409
2036	90,492	112,571	59,805		-	-	-	-	262,868	4,679,278
2036	89,016	116,472	55,013				_		260,501	4,939,778
2937	87,564	110,414	63,342	•					261,319	5,201,098
2438	86,135	114,350	65,256		-	-	-	-	265.741	5,466,839
2639	84,730	108,410	71,640	-	-				264,779	5,731,618
2040	83,348	112,287	67,661		-		-	-	263,296	5,994,914
2041	81,988	106,240	74,329	•	-	•	<u>-</u>	-	262,558	6,257,471
2042	80,650	109,864	70,555		<u> </u>		-		261,069	6,518,541
2043	79,334	104,153	77,173	-	-		-	_	260,660	6,779,201
Sum	3,049,060	2,870,185	859,982	(25)		•	-		6,779,201	,_ ,_ ,_

	Case: Base				Scenario: Resale	@ Full Contract P	rice			
				All C		nt Worth (2009S, S				
Year	GRU Nati		Mar	ket	GI	ŒC	Environ	mental	Too	al
	Capital & Fixed O&M Expenses	Fuel & Variable O&\1 Expenses	Purchased Power	Power Salez	Contract Payments	Power Rezale	Expenses	REC Sales	Annual Value	Cumularive Value
2014							•	(8 021;	219 698	219 698
2015							-	(7 698)	215 273	434 970
2016								(7.408)	204.464	639 434
2017							•	(7.090)	208.785	848.219
2018								(6.804)	205.742	1.053 961
2019							. 1	(6 530)	204.935	1.258 897
2020								(6.284)	201 551	1 460 448
2021								(6.014)	199.379	1 659 827
2022							•	(5 772)	196.362	1.856.189
2023							- 1	(11.078)	201 276	2 057 466
2024								(10.661)	199.324	2.256.789
2025							-	(10,203)	196.795	2.453.584
2026								(9.792)	193,107	2.646 691
2027							-	(9 397)	190,913	2.837 604
2028							•	(9.043)	188.590	3 026 194
2029							-	(8.655)	186,863	3.213.057
2030								(8.306)	183.937	3.396 994
2031							-	(7.971)	240.483	3.637.477
2032								(7,671)	248 417	3.885 894
2033							-	(7.341)	245.695	4 131.589
2034								(7 046)	243 559	4,375,149
2038							-	(6 762)	241.832	4.616 981
2036								(6 507)	238 991	4 855 971
2037							-	(6 227)		5 094 526
2038							-	(5.976)		5,336 574
2039								(5.736)		5.576.616
2040								(5.520)		5.814 569
2041								(5.283)		6.050.701
2042								(5.070)		6.284.861
2043								(4.865)		6.517,501
Sum							-	(220.730)	6.517.501	

	Case: Base			Scenario: Resale	@ Market Price				
			All C	osts are in Prese	nt Worth (2009S, S	000)			
Year	GRU Native Assets	Man	ket	. GF	REC .	Environ	mental	Tota	al
	Capital & Fixed Variable O& O&M Expenses Expenses	M Purchased Power	Power Sales	Contract Payments	Power Resale	Expenses	REC Sales	Annual Value	Cumulative Value
2014						-	(16 042)	224 765	224 766
2015						•	(15 396)	219 924	444 68
2016							(14 817)	208.883	653 57
2017						-	(14 180)	213.004	866.57
2018						-	(13 608)	209 768	1 076 34
2019						•	(13.060)	208,673	1.285 01
2020							(12.568)	204 914	1 489 93:
2021						-	(12.028)	202.512	1 692 443
2022							(11.543)	199 199	1.891 64
2023						-	(11.078)	201 276	2.092.91
2024						-	(10.661)	199.324	2 292 24
2025						•	(10.203)	196.795	2 489 03
2026						-	(9,792)	193 107	2,682,14
2027						-	(9.397)	190.913	2.873.05
2028						-	(9.043)	188.590	3,061.64
2029							(8.655)	186.863	3.248.51
2030						-	(6.306)	183.937	3.432.44
2031						-	(7.971)	240.483	3,672,93
2032						-	(7.671)	248.417	3 921.3
2033							(7.341)	245,695	4.167 0
2034						-	(7.046)	243.559	4 410.6
2038							(6 762)	241.832	4,652 43
2036						-	(6,507)	238,991	4.891.43
2037						-	(6.227)	238 555	5 129 97
2038						•	(5 976)	242 048	5 372 02
2039						-	(5.736)	240.042	5.612 00
2040						•	(5.520)	237.953	5 850.02
2041						•	(5.283)	236 132	6.086.19
2042						-	(5.070)	234,159	6,320,3
2043							(4.865)	232 640	6,652,96
Sum							(282.351)	6.552.954	

	Cate: Base			NO. 114 WILLIAM		er Construction (Part Carrier Carrier Carrier	
	e grandline kan			All Cer		Worth (20095, 9				200 A Pro 100 A 10
Year	e GRU Native Assets Market					FC	escent .	Total		
	Capital & Fixed	Post & Vertable CAM	Purchased		Contract		la di manazaria di di di	ta da da da da da da		
	OAN Expenses	Expenses	Power	Power Sales	Payments	Power Resule	Expenses	RIC Sales	Annual Value	Comulative Value
2814	130,821	79,808	2,179	(1)	_	<u> </u>			240.000	
2016	126,329	81,580	2,142	(1)			-	<u> </u>	212,806	212,806
2015	117,338	80,173	2,113	(1)				<u> </u>	210,050	422,856
2017	121,675	81,130	2,072	(1)					199,623	622,479
2018	119,690	79,964	2,038	(2)				-	204,876	827,354
2019	117,737	80,968	2,015	(2)				<u> </u>	201,690	1,029,044
2020	115,816	81,104	1,985	(2)				- - _	200,719	1,229,763
2021	113,927	81,157	1,955	(1)				-	198,904	1,428,667
3072	112,068	80,555	1,917	(1)					197,038	1,625,705
2023	110,240	81,991	1,898	(1)					194,539	1,820,244
2024	108,441	88,062	856	(1)					194,127	2,014,371
2025	106.672	88,552	905	(2)					197,358	2,211,729
2026	104,932	84,729	2,821	(2)					196,128	2,407,857
2027	103,220	85,094	3.022	(1)			<u>-</u>		192,480	2,600,337
2028	101,536	85,763	2.984	(2)	-			` _	191,334 190,281	2,791,671
2020	99,879	87.241	3,371	(1)				 		2,981,952
2039	98,250	87,453	3,454	(1)			- 		190,491	3,172,442
2031	96,647	106,684	56,336	(0)				<u> </u>	189,155	3,361,597
2032	95,070	121,110	50,632				-		259,667 266,812	3,621,264
2833	93,519	113,906	57.563	-	_				264,987	3,888,076
2034	91,993	118,401	52,952					<u> </u>	263,346	4,153,063
2035	90,492	112,571	59,805	<u>-</u>	_		-		262,868	4,416,409
2036	89,016	116,472	55,013	-						4,679,278
3037	87,564	110,414	63.342					<u> </u>	260,501 261,319	4,939,778
2038	86,135	114,350	65,256							5,201,098
2039	84,730	108,410	71,640	-					265,741	5,466,839
2949	83,348	112,287	67,661					•	264,779	5,731,618
2041	81,988	106,240	74,329						263,296	5,994,914
2042	80,650	109,864	70,555	-					262,558	6,257,471
2043	79,334	104,153	77,173						261,069 260,660	6,518,541 6,779,201
Seres	3,049,060	2,870,185	859,982	(25)	-				6,779,201	9,113,201
				<u> </u>					0,779,201	

	Case: Regulated (CO2			Scenario: Resale @ Full Contract Price								
				All C	1 Costs are in Present Worth (2009S, S000)								
Year	GRU Native Assets		Mar	ket		EC		nmental	Tot				
	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Sales	Contract Payments	Power Rezale	Expenses	REC Sales	Annual Value	Cumularive Value			
2014								(8 021)	246 440	246 4			
2015								(7 698)	246 077	494 5			
2016								(7.408)	237 286	731 8			
017								(7 090)	243 978	975			
2019								(6 804)	242 930	1 218 3			
020								(6.530)	245 166	1.463 (
021	-							(6.284)	244 216	1.708			
022								(6.014)	245.108	1 953			
023	1							(5 772)	244.922	2 198			
024	1							(11,078)	243 868	2 442.			
025								(10,661)	244.973	2 686			
26								(10 203)	245 787	2 932			
027								(9.792)	244.766	3.177			
028	1							(9.397)	246.279	3,423			
129								(9.043)	247 171	3.670			
030	ł							(8,655)	249.676	3 920			
)31	 							(8.306)	250.246	4 170			
32	T .							(7.971)	283 135	4 454			
033								(7 671)	289 834	4 743.			
034	1 }							(7.341)	288 382	5.032			
036								(7 046)	290,300	5 322			
036								(6.762)	290 033	5 612			
037								(6 507)	291.626	5 904 1			
038								(6.227)	292.949	6 197			
039								(5.976)	303.454	6 500 (
040	ľ							(5 736)	302 882	6 803			
041								(5.520)	306 950	7 110 4			
042								(5.283)	306,709	7.417			
043								(5,070)	311.700	7 728.8			
um							-	(4 865)	311 892	8.040.7			
								(220 730)	8.040 755				

O&M Expenses Expenses 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030	All Costs are in Pres G Contract Payments	ent Worth (2009S, S GREC Power Resale	Environ	pental	Tot	
Capital & Fixed O&M Purchased Power Powe	Contract			nental	Total	
Capital & Fixed O&M Expenses 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030		Power Resale			100	al
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030			Expenses	REC Sales	Annual Value	Cumulative Value
2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030				(16.042)	248 681	248 681
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030				(15,396)	245 629	494 310
2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029				(14 817)	236.303	730.613
2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029				(14, 180)	242 506	973.119
2020 2021 2022 2023 2024 2025 2026 2027 2028 2029				(13 608)	240.943	1.214 062
2021 2022 2023 2024 2025 2026 2027 2028 2029				(13,060)	242.551	1.456.613
2022 2023 2024 2025 2026 2027 2028 2029 2030				(12 568)	240.849	1.697 462
2023 2024 2025 2026 2027 2028 2029 2030				(12 028)	241.150	1,938,613
2024 2025 2026 2027 2028 2029 2030				(11.543)	240.269	2 178 882
2025 2026 2027 2028 2029 2030				(11.078)	243.888	2.422.770
2026 2027 2028 2029 2030				(10,661)	244.973	2,667,743
2027 2028 2029 2030				(10,203)	245.787	2 913 530
2028 2029 2030				(9.792)	244.766	3 158 296
2029				(9,397)	246 279	3,404,575
2030				(9.043)	247.171	3 651 746
<u> </u>				(8.655)	249 676	3.901.422
4021				(8 306)	250.246	4 151 668
2031				(7.971)	283 135	4 434 803
2032				(7.671) (7.341)	289 834 288 382	4.724 637
2034				(7.046)	290,300	5.013.019 5.303.319
2035				(6.762)	290,300	5,593,352
2036				(6,507)	291.626	5.684.978
2037				(6.227)	292 949	6 177 927
2038				(5.976)	303.454	6 481.381
2039				(5.736)	302 882	6.764 262
2040				(5.520)	306.950	7 091 212
2041				(5.283)	306 709	7.397.921
2042				(5.070)	311.700	7 709 622
2043				(4.865)	311.892	8 021.513
Sum				(262 351)	8 021 513	

	Carrie Parista				C3 at \$25.00/MWh in 2014, no escalation							
hell ill				All Co	the Navaline Processon Wierths (2000)3, \$000)							
Year	GRUNGHO AGREEMENT AND					EC.						
10.5			Purchasia		Contract	e en en en en en en	and restrict	entre de Albert		Cumulativa		
FOR EAST	Capital & Final OAM Expenses	Variable O&M Espanses	ani belia salah	Power Sales	Payments	Power Resale	Expenses	REC Sales	Annual Value			
2014	130,821	80,638	2.179	(1)	-	-	34,474	<u> </u>	248,111	248,111		
2016	126,329	81,827	2,142	(1)	-		36.945		247,242	495.353		
2016	117,338	80,180	2.113	(1)			39,170		238,800	734,153		
2017	121,675	81,567	2,072	(2)	-		41,957		247,270	981,423		
2015	119,690	80,954	2,038	(2)	-		44,477		247,157	1,228,580		
2019	117,737	81,645	2,013	(2)	-	-	47,592		248,985	1,477,565		
2020	115,816	81,493	1.982	(2)	-	-	50,364	-	249,654	1,727,219		
2021	113,927	81,526	1,951	(2)	-	-	53.746		251,148	1,978,367		
3022	112,068	81,163	1,914	(1)	_	-	56,762		251,906	2,230,273		
3023	110,240	82,722	1,891	(2)			60,690		255,542	2,485,815		
2024	108,441	88,191	856	(2)	_		65,053		262,540	2,748,354		
2024	106,672	88,842	905	(2)	_	-	69,574	-	265,991	3,014,345		
2026	104,932	84,813	2,821	(2)	-		72,280	<u> </u>	264,844	3,279,189		
2027	103,220	85,200	3,022	(2)		-	77,333	-	268,773	3.547.962		
2028	101,536	85,927	2,984	(2)		-	81,587		272,032	3,819,994		
2029	99,879	87,366	3,371	(1)		-	87,110	-	277,726	4,097,720		
2030	98,250	87,603	3,454	(1)		-	91,754		281,059	4,378,779		
2031	96,647	106,745	56,336	(0)		-	53,170		312,898	4,691,677		
2032	95,070	121,116	50.632		,	-	48,992		315,810	5.007,487		
2033	93,519	113,923	57,563		<u> </u>		49,612		314,617	5,322,104		
2034	91,993	118,409	52,952	-		-	54,666		318,020	5,640,124		
2006	90,492	112,622	59,805	-			55,430		318,350	5,958,473		
2036	89,016	116,516	55,013			-	61,183	<u>-</u>	321,728	6,280,202		
2637	87,564	110,406	63.342				61,975		323,286	6,603,488		
2039	86,135	114,357	65,256	-			68.641	-	334,389	6,937,877		
2039	84,730	108,388	71,640	•	•		69,477		334,235	7,272,112		
2040	83,348	112,282	67,661	<u>-</u>		-	76.816	-	340,107	7,612,219		
2041	81,988	106,235	74,329			-	77,601	<u>-</u>	340,153	7,952,372		
10-02	80,650	109,864	70,555				85,633		346,702	8,299,074		
2040	79,334	104,141	77,173	-	-	-	86,661	•	347,309	8,646,384		
Sum	3,049,060	2,876,660	859, 96 3	(26)	•		1,860,727	-	8,646,384			

	Case: Delay until	2015, no ITCs/R	EG		Scenario: Resale @ Full Contract Price							
					Costs are in Present Worth (2009S, 8000)							
Year	GRU Nan	RU Native Assets Market				REC	Environ	mental	To	al		
	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Salez	Contract Payments	Power Resale	Expenses	REC Sales	Annual Value	Cumularive Value		
2014	∔							-	212 806	212 80		
2018	1							(7 698)	217 767	430 57		
2016								(7 408)	206.864	637 43		
2017	1						-	(7 090)	211.082	848 51		
2018	1							(6.804)	207.947	1 056 46		
2019	 						-	(6.530)	207.051	1.263 51		
2020	1						•	(6.284)	203 588	1 467 10		
2021							-	(6.014)	201.327	1 668 43		
2022	 						•	(5.772)	198.232	1 866.66		
2023	+							(11.078)	204 866	2.071.529		
							•	(10.661)	202,778	2 274 30		
2025							-	(10.203)	200,100	2.474.407		
2026 2027							-	(9.792)	196.279	2.670.687		
2027	1						-	(9.397)	193,958	2.864.646		
2029								(9,043)	191.520	3 056 16		
2030	· '						•	(8.655)	189.667	3 245 83		
2031								(8.306)	186.628	3.432.46		
2032							-	(7 971)	243.066	3.675.52		
2032							-	(7 671)	250.902	3 926 42		
2034	<u> </u>						-	(7.341)	248.074	4.174.50		
2038								(7.046)	245.842	4,420,34		
2036							<u> </u>	(6.762)	244.023	4.664.36		
2037							· · · · · ·	(6.587)	241 099	4.905.460		
2038							·	(6,227)	240.573	5.146.03		
2039								(5,976)	243.985	5 390 02		
2040	1							(5.736)	241 900	5 631 923		
2041	- 15 - 15 - 15							(5.520)	239.741	5.871.665		
2042								(5.283)	237,843	6 109 500		
2043	4. 70						+	(5,070)	235,802	6.345 310		
Sum								(4.865)	234,217	6.579.52		
SEID							•	(212 709)	6.579.527			

	Case: Delay until	2015, no ITCs/RE	G		Scenario: Resale	@ Market Price				
						nt Worth (2009S, S	000)	-		
Year	GRU Native Assets		Mar			REC	Environ	mental	Total	
	Capital & Fixed O&M Expenses	Fuel & Variable O&M Expenses	Purchased Power	Power Sales	Contract Payments	Power Rezale	Expenses	REC Sales	Annual Value	Cumulative Value
2014							-	-	212 806	212 809
2015								(15 396)	221 641	434 44
016							-	(14.817)	210.439	644 88
017							-	(14, 180)	214 195	859.08
018							•	(13.608)	210.960	1.070.04
819							•	(13.060)	210,334	1 280 37
020								(12.568)	207 134	1,487 50
021							-	(12.028)	204.543	1.692.05
22								(11.543)	200.387	1 892 43
023								(11.078)	204,866	2.097.30
24						i	-	(10.661)	202 778	2,300.08
25	1							(10 203)	200,100	2,500.18
26							•	(9,792)	196,279	2 696,46
27							,	(9,397)	193 958	2,890 41
28							,	(9.043)	191,520	3 031 93
29							-	(8.655)	189.667	3 271 60
30	_						•	(8.306)	186.628	3.458.23
31	_						-	(7.971)	243,066	3.701.30
32							-	(7 671)	250,902	3 952 20
33							<u> </u>	(7.341)	248 074	4.200.27
)34							•	(7.046)	245,842	4 446 11
35							-	(6.762)	244 023	4,690,14
36							•	(6.507)	241.099	4 931 24
337							•	(6.227)	240,573	5.171 81
038							*	(5.976)	243 985	5.415.79
039							-	(5.736)	241 900	5 657 69
040							-	(5.520)	239,741	5,897,43
041							-	(5.283)	237.843	6,135,28
642							•	(5.070)	235.802	6.371 08
2043								(4,865)	234.217	6.605.30
Sum								(266.309)	6.605.301	

		1 2015, se FF Cs//				Wh in 2014, no se Construction t			rei Corporação		
				All Cu	dia er. a. Presser Weith (2009) (5000)						
Year	CRU Nathr Asses					OC 1	mental	THE PARTY THE			
	Capital & Fixed	Feel & Fariable O&M	Purchased Power		Contract						
	GAM Paranta	Expenses	roner	Power Sales	Payments	Power Resale	Expenses	REC Sales	Annual Value	Consulative Value	
2014	130.821	79,808	2 179	(1)	-	-	_		212,806		
2015	126,329	81,580	2,142	(1)	-				210,050	212,806	
2016	117,338	80,173	2,113	(1)		-	_		199,623	422,856 622,479	
2017	121,675	81,130	2,072	(1)	-	_			204.876	827,354	
2018	119,690	79,964	2.038	(2)					201,690	1,029,044	
2019	117,737	80,968	2,015	(2)			-		200,719	1,029,044	
2020	115,816	81,104	1.985	(2)				_	198,904	1,428,667	
2021	113,927	81,157	1,955	(1)					197,038	1,625,705	
2023	112,068	80,555	1,917	(1)	-	_			194,539	1,820,244	
2023	110,240	81,991	1,898	(1)	-	_			194,127	2,014,371	
2024	108,441	88,062	856	(1)	-	-			197,358	2,014,37	
2025	106,672	88,552	905	(2)	_				196,128	2,407,857	
3025	104,932	84,729	2,821	(2)	-	-			192,480	2,600,337	
2637	103,220	85,094	3,022	(1)	-	-			191,334	2,791,671	
2028	101,536	85,763	2,984	(2)	-	-	-		190,281	2,981,952	
2020	99,879	87,241	3.371	(1)		_			190,491	3,172,442	
2030	98.250	87,453	3,454	(1)	· -	-			189,155	3,361,597	
2631	96,647	106,684	56,336	(0)	-				259,667	3,621,264	
2032	95,070	121,110	50,632			-			266,812	3,888,076	
2033	93,519	113,906	57,563	•	_				264,987	4,153,063	
2004	91,993	118,401	52,952	_	-	-		_	263,346	4,416,409	
2A35	90,492	112,571	59 80 5	-	-	-	-		262,868	4.679.278	
2036	89,016	116,472	55,013		-	-			260,501	4,939,778	
2437	87,564	110,414	63,342		-		•		261,319	5,201,098	
2038	86,135	114,350	65,256	•	-	-		-	265,741	5,466,839	
2039	84,730	108,410	71,640	-	-	-			264,779	5,731,618	
2040	83,348	112,287	67,661	-	-	-		-	263,296	5,994,914	
2041	81,988	106,240	74,329	-		-	-	-	262,558	6,257,471	
29-02	80,650	109,864	70,555	-	-		-	-	261,069	6,518,541	
2043	79,334	104,153	77,173	-	-	-	-	•	260,660	6.779.201	
Sum	3,049,060	2,870,185	859,982	(25)	-	-	-		6,779,201	-,,, v,Ev!	

Respectfully submitted this 30th day of March, 2010.

Roy C. Young

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Attorneys for GREC LLC and GRU

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Confidential Response has been served by hand delivery to the Commission Staff listed below (*), and that a true and correct copy of the Non-Confidential, Redacted version of this response has been served by electronic and U.S. Mail on the other service parties shown below, on this 30th day of March, 2010:

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Attornev