

## NYSDPS Confidential

This file calculates the revenue requirement for  
**Green Island Power Authority**  
 For the Rate Year Ended May 31, 2011

7/21/2011

Attachment  
 Schedule 1

Green Island Power Authority  
 Income Statement and Rate of Return Calculation  
 For the Rate Year Ended May 31, 2011

	<b>Financial Information for the:</b>				Rate Year Before				Rate Year After
	Fiscal Years	Fiscal Years	Fiscal Years	Major	Requested	Staff Adjustments	As Adjusted	Revenue	Requested
	Ended 5/31/2009	Ended 5/31/2010	Ended 5/31/2011	Changes	Revenue Increase		by Staff	Requirement	Revenue Increase
<b>Revenues</b>									
Sales of Electricity									
Distribution Sales	\$1,703,311	\$1,556,552	\$1,605,177		1,605,177		1,605,177	\$599,656	2,204,833
Hydroelectric Generation Sales	2,715,989	1,852,450	2,197,641		2,197,641		2,197,641		2,197,641
Sales of Electricity-PPAC	1,255,024	1,023,095	1,142,411		1,142,411		1,142,411		1,142,411
Miscellaneous Operating Revenues	145,042	85,597	57,305		57,305		57,305		57,305
Rents from Electric Property	44,599	45,975	-		0	-	0		0
Total Revenues	5,863,965	4,563,669	5,002,534	0	5,002,534	-	5,002,534	599,656	5,602,190
<b>Operating Expenses</b>									
Fuel	0	0	0		0		0		0
Purchased Power	1,365,995	1,208,843	1,184,265		1,184,265		1,184,265		1,184,265
Labor (including sick/vacation time used)	371,443	437,691	281,966	142,896 A	424,862		424,862		424,862
Medical and Dental Insurance	81,553	73,988	84,988	8,637 B	93,625		93,625		93,625
Worker's Comp. & Disability	8,936	6,627	2,593		2,593		2,593		2,593
Pension	57,022	57,941	76,495		76,495		76,495		76,495
Payroll Taxes and FICA	47,073	52,104	45,882		45,882		45,882		45,882
Outside Services - Engineering, Legal, and Accounting	109,910	131,627	151,232		151,232		151,232		151,232
Regulatory Commission Expense	126,748	80,020	96,307		96,307		96,307		96,307
Rate Case Expense	0	0	0		0		0		0
Property & Casualty Insurance	35,035	36,474	40,822		40,822		40,822		40,822
Miscellaneous Credits Transferred (Allocation of OH)	0	0	-		0		0		0
<b>Other Expenses (excluding Labor)</b>									
Production					0		0		0
Transmission	163,674	159,167	158,976	1,630 C	160,606		160,606		160,606
Distribution	252,490	181,607	182,189	(16,864) C	165,325		165,325		165,325
Repairs	100,209	56,807	69,635	5,915	75,550		75,550		75,550
Street Lighting	19,174	3,808	142	7,566 C	7,708		7,708		7,708
Customers' Accounting & Collection	66,718	73,179	58,982	7,311 C	66,293		66,293		66,293
Customer Sales					0		0		0
Hydroelectric Generation	458,163	424,346	412,599	19,104 C	431,703		431,703		431,703
Administrative & General	53,051	62,841	49,556	5,593 C,D	55,149		55,149		55,149
Municipal Service Agreement	663,967	676,286	676,286		676,286		676,286		676,286
Property Taxes/Other Taxes	0	0	0		0		0		0
Uncollectibles	7,031	7,312	44,365	(24,796) C	19,569		19,569	4,258	23,827
Depreciation	319,017	324,454	326,917	61,000 C,E	387,917		387,917		387,917
Contractual Appropriations of Income - IEEP	0	0	0		0		0		0
Miscellaneous Operating Expenses	55,877	(248)	22,707	36,825 C	59,532		59,532		59,532
Total Operating and Maintenance Expenses	\$4,363,086	\$4,054,874	\$3,966,904	254,817	\$4,221,721	-	\$4,221,721	\$4,258	\$4,225,979
Net Operating Income	\$1,500,879	\$508,795	\$1,035,630	(254,817)	\$780,813	-	\$780,813	\$595,398	\$1,376,211
Rate Base	\$15,639,741	\$16,498,280	\$22,206,743	249,246	\$22,455,988	-	\$22,455,988	-	\$22,455,988
Rate of Return	9.60%	3.08%	4.66%		3.48%		3.48%		6.13%

NOTE: Explanation of Major Changes A, B, C, D, E, F found at Appendix A

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Attachment  
Schedule 2

Green Island Power Authority  
Rate Base including Working Capital Calculation  
For the Rate Year Ended May 31, 2011

<u>Rate Base</u>	<u>Financial Information for the:</u>			<u>Major Changes</u>	<u>Rate Year Before Requested Revenue Increase</u>	<u>Staff Adjustments</u>	<u>As Adjusted by Staff</u>	<u>Revenue Requirement</u>	<u>Rate Year After Requested Revenue Increase</u>
	<u>Avg. Balance Fiscal Years Ended 5/31/2009</u>	<u>Avg. Balance Fiscal Years Ended 5/31/2010</u>	<u>Avg. Balance Fiscal Years Ended 5/31/2011</u>						
Plant in Service	\$11,675,069	\$11,824,749	\$11,925,403	2,821,919 <b>F</b>	\$14,747,322		\$14,747,322		\$14,747,322
Construction Work In Progress	7,592,678	9,282,574	11,260,840	(1,850,000) <b>G</b>	9,410,840		9,410,840		9,410,840
Accumulated Depreciation	4,114,022	4,498,207	4,816,275	0	4,816,275		4,816,275		4,816,275
Net Plant	15,153,725	16,609,116	18,369,968	- 971,919	19,341,887	-	19,341,887		19,341,887
Contributions for Extensions	0	(613,318)	(1,413,268)		(1,413,268)		(1,413,268)		(1,413,268)
Deferrals	0	0	-		-		-		-
Compensating Bank Balances			4,755,922	(750,000) <b>H</b>	4,005,922		4,005,922		4,005,922
Prepayments	0	53,496	55,639		55,639		55,639		55,639
Materials & Supplies	121,299	118,502	122,909		122,909		122,909		122,909
Cash Working Capital (Below)	364,717	330,484	315,573	27,327	342,899	-	342,899		342,899
RATE BASE	\$15,639,741	\$16,498,280	\$22,206,743	249,246	\$22,455,988	-	\$22,455,988	\$0	\$22,455,988

**NOTE: Explanation of Major Changes G, H, I found at Appendix A**

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Schedule 3

Green Island Power Authority  
Calculation of Cash Working Capital  
For the Rate Year Ended May 31, 2011

**Cash Working Capital**

Operating and Maintenance Expenses	\$4,363,086	\$4,054,874	\$3,966,904	254,817	\$4,221,721	-	\$4,221,721	\$4,258	\$4,225,979
<u>Deduct:</u>									
Fuel	-	-	-	0	-	-	-	-	-
Purchased Power	1,365,995	1,208,843	1,184,265	0	1,184,265	-	1,184,265	-	1,184,265
Depreciation	319,017	324,454	326,917	61,000	387,917	-	387,917	0	387,917
Uncollectible Accounts	7,031	7,312	44,365	(24,796)	19,569	-	19,569	4,258	23,827
Rate Case Expenses	-	-	-	0	-	-	0	-	-
PILOT/Municipal Service Agreement	663,967	676,286	676,286	0	676,286	-	676,286	-	676,286
Property Taxes/Other Taxes	-	-	-	0	-	-	0	-	0
Total Deductions	<u>\$2,356,010</u>	<u>\$2,216,895</u>	<u>\$2,231,833</u>	<u>36,204</u>	<u>\$2,268,037</u>	<u>-</u>	<u>\$2,268,037</u>	<u>\$4,258</u>	<u>\$2,272,295</u>
O&M Expense Balance	\$2,007,076	\$1,837,979	\$1,735,071	218,613	\$1,953,684	-	\$1,953,684	-	\$1,953,684
Fuel and Purchased Power	<u>1,365,995</u>	<u>1,208,843</u>	<u>1,184,265</u>	<u>0</u>	<u>1,184,265</u>	<u>-</u>	<u>1,184,265</u>	<u>-</u>	<u>1,184,265</u>
Net Expenses for Working Capital	<u>3,373,071</u>	<u>3,046,822</u>	<u>2,919,336</u>	<u>(218,613)</u>	<u>3,137,949</u>	<u>-</u>	<u>3,137,949</u>	<u>-</u>	<u>3,137,949</u>
Working Capital-Operating Expenses (1/8)	250,885	229,747	216,884	27,327	244,211	-	244,211	-	244,211
Working Capital-Fuel and Purchased Power (1/12)	<u>113,833</u>	<u>100,737</u>	<u>98,689</u>	<u>0</u>	<u>98,689</u>	<u>-</u>	<u>98,689</u>	<u>-</u>	<u>98,689</u>
Cash Working Capital Allowance	<u>\$364,717</u>	<u>\$330,484</u>	<u>\$315,573</u>		<u>\$342,899</u>	<u>-</u>	<u>\$342,899</u>	<u>\$0</u>	<u>\$342,899</u>

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Attachment  
Schedule 4

Green Island Power Authority  
Capitalization Matrix and Revenue Requirement Calculation  
For the Rate Year Ended May 31, 2011

<u>Capitalization Matrix</u>	<u>Amount</u>	<u>Percent</u>	<u>Cost Rate</u>	<u>Weighted Cost</u>
Debt	\$17,559,148	78.19%	6.06%	4.74%
Customer Deposits	676	0.00%	1.10%	0.00%
Surplus (Set at the Village's Incremental Borrowing Rate)	<u>4,896,164</u>	<u>21.80%</u>	<u>6.39%</u>	<u>1.39%</u>
Total	<u><u>22,455,988</u></u>	<u><u>100.00%</u></u>		<u><u>6.13%</u></u>

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Schedule 5

7/21/2011  
Green Island Power Authority  
Calculation of Revenue Requirement and Proof of Retention Factor  
For the Rate Year Ended May 31, 2011

<u>Calculation of Revenue Requirement</u>	<u>Amount</u>
Rate Base	\$22,455,988
Rate of Return	6.13%
Required Return	1,376,211
Operating Income before Revenue Requirement	780,813
Deficiency	595,398
Retention Factor	99.290%
Revenue Requirement	\$599,656

<u>Proof of the Retention Factor:</u>	<u>Factor</u>	<u>Proof</u>
Sales Revenues	1.00000	\$599,656
- Revenue Taxes	0.00000	0
- Uncollectibles	0.00710	4,258
- PSC Assessment		0
Retention Factor	0.99290	595,398

Green Island Power Authority  
Explanation of "Major Adjustments"  
For the Rate Year Ended May 31, 2011

Purpose: To explain adjustments made in the base year as "Major Changes" on Schedule 1

Workpaper Reference: Please refer to reference items below on Schedule 1

		Amount
<b>A)</b> Labor:	In FYE 5/31/2011 GIPA capitalized a portion of salaries to project costs. The adjustment of \$142,896 is the plug to gross up payroll to budgeted for FYE 5/31/2012.	\$ 142,896
<b>B)</b> Medical and Dental:	To reflect the latest projection of health insurance premiums and agree to adopted budget for FYE 5/31/2012.	\$ 8,637
<b>C)</b> Other Expenses	Adjustment made based on 3 year averages.	
Transmission		\$ 1,630
Distribution		\$ (16,864)
Repairs		\$ 5,915
Street Lighting		\$ 7,566
Customers Accounting		\$ 7,311
Hydroelectric Generation		\$ 19,104
Administrative and General		\$ 5,593
Uncollectibles		\$ (24,796)
Miscellaneous Operating Expense		\$ 36,825
<b>D)</b> Administrative and General	OPEB costs excluded (\$64,687).	\$ 5,593
<b>E)</b> Depreciation	To reflect normalized plant additions, completion of Distribution Project Phase I as of August 1, 2011, and purchase of \$172,919 bucket truck placed into service June 1, 2011.	\$ 61,000
<b>F)</b> Plant in Service	To reflect normalized plant additions	
	Bucket Truck	\$ 172,919
	Budgeted Plant Additions	\$ 49,000
	Phase I - Distribution Substation Project Completion 8/1/2011	<u>\$ 2,600,000</u> \$2,821,919
<b>G)</b> Construction Work in Progress	To reflect project completion and project additions	
	Distribution Substation Completion	\$(2,600,000)
	Estimated Project Costs for FYE 5/31/2012	<u>\$ 750,000</u> (1,850,000)
<b>H)</b> Compensating Bank Balance	To adjust for project draw down for FYE 5/31/2012	(750,000)

GREEN ISLAND POWER AUTHORITY  
ELECTRIC OPERATING REVENUES (ACCOUNT 401)  
PSC REPORT PAGE 300 EQUIVALENT

ACCT NO.	ACCT TITLE	OPERATING REVENUES						NUMBER OF KWH SOLD		AVERAGE NUMBER OF CUSTOMERS	
		CURRENT YEAR			PREVIOUS YEAR						
		REVENUES AT BASE PLUS PPAC	DISCOUNTS NOT TAKEN LATE CHARGES	TOTAL REVENUE FOR YEAR	REVENUES AT BASE PLUS PPAC	DISCOUNTS NOT TAKEN LATE CHARGES	TOTAL REVENUE FOR YEAR	AMOUNT FOR YEAR	AMOUNT FOR PREVIOUS YEAR	NUMBER FOR YEAR	NUMBER FOR PRE YR
	SALES OF ELECTRICITY										
601	RESIDENTIAL SALES	1,058,955	9,684	1,068,639	931,382	10,254	941,636	10,682,379	9,414,894	1,447	1,445
602	COMMERCIAL SALES	1,504,625	3,930	1,508,555	1,423,190	4,065	1,427,255	16,185,587	14,195,757	147	150
603	INDUSTRIAL SALES	-	-	-	-	-	-	-	-	-	-
604	PUBLIC STREET LIGHTING	53,616	-	53,616	53,972	-	53,972	481,970	489,840	4	4
605	PUBLIC STREET LIGHTING - OTHER	-	-	-	-	-	-	-	-	-	-
606	OTHER SALES TO OPER MUNI	138,490	-	138,490	121,104	-	121,104	1,502,494	1,353,163	21	22
607	OTHER SALES TO OTHER PUBLIC AUTH	3,191	-	3,191	2,529	-	2,529	31,405	24,198	2	2
608	SALES TO OTHER DISTRIBUTORS	2,197,641	-	2,197,641	1,852,450	-	1,852,450	42,628,401	41,949,238	1	1
609	SALES TO RAILROADS AND STREET RAILROADS	-	-	-	-	-	-	-	-	-	-
610	SECURITY LIGHTING	-	-	-	-	-	-	-	-	-	-
	TOTAL SALES	4,956,518	13,614	4,970,132	4,384,627	14,319	4,398,946	71,512,236	67,427,090	1,622	1,624
	OTHER OPERATING REVENUES										
621	RENT FROM ELECTRIC PROPERTY	-	-	-	27,192	-	27,192				
622	MISC ELECTRIC REVENUES	98,096	-	98,096	26,959	-	26,959				
	TOTAL OTHER OPERATING REVENUES	98,096	-	98,096	54,151	-	54,151				
	TOTAL ELECTRIC OPERATING REVENUES	5,054,614	13,614	5,068,228	4,438,778	14,319	4,453,097				

**GREEN ISLAND POWER AUTHORITY**  
**SALES BY CLASSIFICATIONS - 2010-2011**  
PSC REPORT PAGE 301 - 303 EQUIVALENT

**SCHEDULE 601 - RESIDENTIAL SALES**

MONTH	# OF BILLS	KWH SOLD	BASE REVENUES	PPAC FACTOR	KWH TO WHICH PPAC APPLIED	PPAC REVENUES	SALES
JUNE	1,432	664,493	\$40,124.86	0.025205	664,493	\$16,748.55	\$56,873.41
JULY	1,440	898,289	\$53,111.08	0.043545	898,289	\$39,115.99	\$92,227.07
AUGUST	1,457	1,049,827	\$61,554.58	0.051448	1,049,827	\$54,011.50	\$115,566.08
SEPTEMBER	1,441	980,187	\$58,126.68	0.047687	980,187	\$46,742.18	\$104,868.86
OCTOBER	1,445	781,988	\$50,620.43	0.0405	781,988	\$31,670.51	\$82,290.94
NOVEMBER	1,443	676,165	\$40,884.80	0.040782	676,165	\$27,625.71	\$68,510.51
DECEMBER	1,466	841,980	\$49,884.66	0.046533	841,980	\$39,179.86	\$89,064.52
JANUARY	1,430	1,134,546	\$65,570.43	0.036072	1,134,546	\$40,925.34	\$106,495.77
FEBRUARY	1,454	1,161,230	\$67,198.01	0.031769	1,161,230	\$36,891.12	\$104,089.13
MARCH	1,445	977,321	\$56,463.76	0.033896	977,321	\$33,127.27	\$89,591.03
APRIL	1,471	839,822	\$48,360.25	0.049896	839,822	\$41,903.76	\$90,264.01
MAY	1,440	676,531	\$41,420.44	0.026153	676,531	\$17,693.32	\$59,113.76
TOTALS	17,364	10,682,379	\$633,319.99		10,682,379	\$425,635.10	\$1,058,955.09

**SCHEDULE 602 - COMMERCIAL SALES**

MONTH	# OF BILLS	KWH SOLD	BASE REVENUES	PPAC FACTOR	KWH TO WHICH PPAC APPLIED	PPAC REVENUES	SALES
JUNE	148	1,286,047	\$68,118.80	0.025205	1,286,047	\$32,414.81	\$100,533.61
JULY	147	1,479,459	\$77,845.67	0.043545	1,479,459	\$64,423.04	\$142,268.71
AUGUST	147	1,354,135	\$72,131.08	0.051448	1,354,135	\$69,667.54	\$141,798.62
SEPTEMBER	148	1,300,240	\$69,809.96	0.047687	1,300,240	\$62,004.54	\$131,814.50
OCTOBER	147	1,261,171	\$73,584.52	0.0405	1,261,171	\$51,077.43	\$124,661.95
NOVEMBER	148	1,342,261	\$71,491.32	0.040782	1,342,261	\$54,740.09	\$126,231.41
DECEMBER	147	1,365,799	\$72,364.49	0.046533	1,365,799	\$63,554.72	\$135,919.21
JANUARY	147	1,474,650	\$77,580.50	0.036072	1,474,650	\$53,193.57	\$130,774.07
FEBRUARY	147	1,437,528	\$75,963.04	0.031769	1,437,528	\$45,668.83	\$121,631.87
MARCH	146	1,310,925	\$69,718.76	0.033896	1,310,925	\$44,435.11	\$114,153.87
APRIL	146	1,275,523	\$68,034.56	0.049896	1,275,523	\$63,643.50	\$131,678.06
MAY	148	1,297,849	\$69,216.26	0.026153	1,297,849	\$33,942.64	\$103,158.90
TOTALS	1,766	16,185,587	\$865,858.95		16,185,587	\$638,765.83	\$1,504,624.78



**SCHEDULE 604 - STREET LIGHTING**

MONTH	# OF BILLS	KWH SOLD	BASE REVENUES	PPAC FACTOR	KWH TO WHICH PPAC APPLIED	PPAC REVENUES	SALES
JUNE	4	34,920	\$2,558.71	0.025205	34,920	\$880.16	\$3,438.87
JULY	4	29,790	\$2,242.65	0.043545	29,790	\$1,297.21	\$3,539.86
AUGUST	4	24,760	\$1,932.81	0.051448	24,760	\$1,273.85	\$3,206.66
SEPTEMBER	4	28,020	\$2,144.78	0.047687	28,020	\$1,336.19	\$3,480.97
OCTOBER	4	35,130	\$2,745.53	0.0405	35,130	\$1,422.77	\$4,168.29
NOVEMBER	4	45,630	\$3,236.78	0.040782	45,630	\$1,860.88	\$5,097.66
DECEMBER	4	53,070	\$3,698.12	0.046533	53,070	\$2,469.51	\$6,167.63
JANUARY	4	58,210	\$4,016.87	0.036072	58,210	\$2,099.75	\$6,116.62
FEBRUARY	4	52,660	\$3,672.70	0.031769	52,660	\$1,672.96	\$5,345.66
MARCH	4	43,760	\$3,120.82	0.033896	43,760	\$1,483.29	\$4,604.11
APRIL	4	39,300	\$2,844.26	0.049896	39,300	\$1,960.91	\$4,805.17
MAY	4	36,720	\$2,684.27	0.026153	36,720	\$960.34	\$3,644.61
TOTALS	48	481,970	\$34,898.30		481,970	\$18,717.81	\$53,616.11

**SCHEDULE 606 - MUNICIPAL SALES**

MONTH	# OF BILLS	KWH SOLD	BASE REVENUES	PPAC FACTOR	KWH TO WHICH PPAC APPLIED	PPAC REVENUES	SALES
JUNE	22	108,115	\$5,840.42	0.025205	108,115	\$2,725.04	\$8,565.46
JULY	22	103,749	\$5,559.45	0.043545	103,749	\$4,517.75	\$10,077.20
AUGUST	22	83,216	\$4,678.67	0.051448	83,216	\$4,281.30	\$8,959.97
SEPTEMBER	21	89,558	\$4,852.85	0.047687	89,558	\$4,270.75	\$9,123.60
OCTOBER	21	83,617	\$4,900.90	0.0405	83,617	\$3,386.49	\$8,287.39
NOVEMBER	21	94,359	\$5,136.04	0.040782	94,359	\$3,848.15	\$8,984.19
DECEMBER	21	130,252	\$6,939.75	0.046533	130,252	\$6,061.02	\$13,000.77
JANUARY	21	184,574	\$9,452.12	0.036072	184,574	\$6,657.95	\$16,110.07
FEBRUARY	21	200,222	\$10,426.51	0.031769	200,222	\$6,360.85	\$16,787.36
MARCH	20	170,980	\$8,988.48	0.033896	170,980	\$5,795.54	\$14,784.02
APRIL	20	148,901	\$7,929.38	0.049896	148,901	\$7,429.56	\$15,358.94
MAY	20	104,951	\$5,706.52	0.026153	104,951	\$2,744.78	\$8,451.30
TOTALS	252	1,502,494	\$80,411.09		1,502,494	\$58,079.18	\$138,490.27

**SCHEDULE 607 - SALES TO OTHER AUTHORITIES**

MONTH	# OF BILLS	KWH SOLD	BASE REVENUES	PPAC FACTOR	KWH TO WHICH PPAC APPLIED	PPAC REVENUES	SALES
JUNE	2	2,047	\$133.12	0.025205	2,047	\$51.59	\$184.71
JULY	2	2,062	\$133.90	0.043545	2,062	\$89.79	\$223.69
AUGUST	2	2,015	\$131.41	0.051448	2,015	\$103.67	\$235.08
SEPTEMBER	2	223	\$36.87	0.047687	223	\$10.63	\$47.50
OCTOBER	2	2,026	\$142.02	0.0405	2,026	\$82.05	\$224.07
NOVEMBER	2	3,250	\$197.94	0.040782	3,250	\$132.54	\$330.48
DECEMBER	2	3,654	\$219.43	0.046533	3,654	\$170.03	\$389.46
JANUARY	2	4,054	\$240.71	0.036072	4,054	\$146.24	\$386.95
FEBRUARY	2	3,640	\$218.67	0.031769	3,640	\$115.64	\$334.31
MARCH	2	3,005	\$184.90	0.033896	3,005	\$101.86	\$286.76
APRIL	2	2,814	\$174.73	0.049896	2,814	\$140.41	\$315.14
MAY	2	2,615	\$164.14	0.026153	2,615	\$68.39	\$232.53
TOTALS	24	31,405	\$1,977.84		31,405	\$1,212.84	\$3,190.68

**SCHEDULE 608 - SALES TO OTHER DISTRIBUTORS (HYDRO)**

MONTH	# OF BILLS	KWH SOLD	BASE REVENUES	PPAC FACTOR	KWH TO WHICH PPAC APPLIED	PPAC REVENUES	SALES
JUNE	1	3,428,462	\$169,234.48	-	-	\$0.00	\$169,234.48
JULY	1	2,874,081	\$167,689.04	-	-	\$0.00	\$167,689.04
AUGUST	1	2,812,456	\$150,346.92	-	-	\$0.00	\$150,346.92
SEPTEMBER	1	2,514,106	\$114,859.96	-	-	\$0.00	\$114,859.96
OCTOBER	1	4,014,051	\$149,965.12	-	-	\$0.00	\$149,965.12
NOVEMBER	1	3,942,421	\$171,979.29	-	-	\$0.00	\$171,979.29
DECEMBER	1	3,967,190	\$265,906.31	-	-	\$0.00	\$265,906.31
JANUARY	1	4,053,300	\$301,942.94	-	-	\$0.00	\$301,942.94
FEBRUARY	1	3,334,139	\$188,271.81	-	-	\$0.00	\$188,271.81
MARCH	1	4,005,128	\$189,598.48	-	-	\$0.00	\$189,598.48
APRIL	1	3,755,529	\$161,184.99	-	-	\$0.00	\$161,184.99
MAY	1	3,927,537	\$166,662.00	-	-	\$0.00	\$166,662.00
TOTALS	12	42,628,401	\$2,197,641.34		-	\$0.00	\$2,197,641.34

YEARLY TOTALS

MONTH	# OF BILLS	KWH SOLD	BASE REVENUES	PPAC FACTOR	KWH TO WHICH PPAC APPLIED	PPAC REVENUES	SALES
JUNE	1,608	5,524,084	\$286,010.39	0.025205	2,095,622	\$52,820.15	\$338,830.54
JULY	1,615	5,387,430	\$306,581.79	0.043545	2,513,349	\$109,443.78	\$416,025.57
AUGUST	1,632	5,326,409	\$290,775.48	0.051448	2,513,953	\$129,337.85	\$420,113.33
SEPTEMBER	1,616	4,912,334	\$249,831.09	0.047687	2,398,228	\$114,364.30	\$364,195.39
OCTOBER	1,619	6,177,983	\$281,958.51	0.0405	2,163,932	\$87,639.25	\$369,597.76
NOVEMBER	1,618	6,104,086	\$292,926.17	0.040782	2,161,665	\$88,207.37	\$381,133.54
DECEMBER	1,640	6,361,945	\$399,012.77	0.046533	2,394,755	\$111,435.13	\$510,447.90
JANUARY	1,604	6,909,334	\$458,803.56	0.036072	2,856,034	\$103,022.86	\$561,826.42
FEBRUARY	1,628	6,189,419	\$345,750.75	0.031769	2,855,280	\$90,709.39	\$436,460.14
MARCH	1,617	6,511,119	\$328,075.20	0.033896	2,505,991	\$84,943.07	\$413,018.27
APRIL	1,643	6,061,889	\$288,528.17	0.049896	2,306,360	\$115,078.14	\$403,606.31
MAY	1,614	6,046,203	\$285,853.63	0.026153	2,118,666	\$55,409.47	\$341,263.10
TOTALS	19,454	71,512,236	\$3,814,107.50		28,883,835	\$1,142,410.77	\$4,956,518.27

GREEN ISLAND POWER AUTHORITY  
ELECTRICITY PURCHASED  
PSC REPORT PAGE 305 EQUIVALENT

SELLER	TOTAL NUMBER OF KWH SUPPLIED BY OTHERS	PURCHASED BY RESPONDENT
PURCHASES		
NYPA	17,462,281	\$ 242,993
NYMPA	12,485,768	\$ 941,272
NIMO		\$ 158,976
TOTAL	29,948,049	\$ 1,343,241

GREEN ISLAND POWER AUTHORITY  
PSC REPORT PAGE 400 EQUIVALENT

ELECTRIC ENERGY ACCOUNT

ITEM	KWH
SOURCES OF ENERGY	
GENERATION	
HYDRO-CONVENTIONAL	<u>42,628,401</u>
PURCHASES	<u>29,948,049</u>
TOTAL	<u>72,576,450</u>

ITEM	KWH
DISPOSITION OF ENERGY	
SALES TO ULTIMATE CONSUMERS	28,883,835
NON-REQUIREMENT SALES FOR RESALE	42,628,401
TOTAL ENERGY LOSSES (1.5%)	<u>1,064,214</u>
TOTAL	<u>72,576,450</u>

GREEN ISLAND POWER AUTHORITY  
NET PLANT CALCULATION - **DISTRIBUTION SYSTEM**  
FOR THE YEAR ENDED MAY 31, 2011

ACCOUNT	DESCRIPTION	BEGINNING OF YEAR			END OF THE YEAR		ANNUAL	BEG OF YEAR	END OF YEAR
		GROSS PLANT BALANCE	NORMAL ADDITIONS	NORMAL RETIREMENTS	GROSS PLANT BALANCE	DEPRECIATION RATE	DEPRECIATION BASED ON ENDING FYE 2011 BAL.	DEPRECIATION RESERVE	DEPRECIATION RESERVE
311.00	Land-Distribution	88,519.72			88,519.72				
312.00	Distribution System Structures	692,229.21	1,260.55		693,489.76	0.0200	13,869.80	439,965.18	453,824.47
352.00	Transmission Substation Equipment	7,871.70			7,871.70	0.0200	157.43	926.42	1,083.85
353.00	Transmission Overhead Conductors	90,674.04			90,674.04	0.0200	1,813.48	35,255.52	37,069.00
358.00	Transmission Poles, Towers & Fixtures	406,177.23	12,639.79	(4,471.17)	414,345.85	0.0200	8,286.92	195,596.44	201,092.47
359.00	Underground Conduits	193,811.18			193,811.18	0.0290	5,620.52	32,025.98	35,902.20
361.00	Distribution Substation Equipment	559,784.20	67.93		559,852.13	0.0290	16,235.71	436,641.58	452,876.48
362.00		363.65			363.65	0.0290	10.55	80.93	91.48
363.00	Distribution Overhead Conductors	375,514.65	16,977.45	(2,774.47)	389,717.63	0.0290	11,301.81	194,455.02	202,750.99
364.00	Distribution Underground Conductor	288,602.87	142.65	(329.97)	288,415.55	0.0250	7,210.39	69,782.25	76,666.27
365.00	Line Transformer-Overhead	703,805.71	7,853.35	(6,922.38)	704,736.68	0.0250	17,618.42	236,990.32	257,505.01
366.00	Overhead Services	91,233.63	7,380.30	(1,191.89)	97,422.04	0.0381	3,711.78	55,762.53	58,242.96
367.00	Underground Services	11,745.20	2,069.28	(1,720.33)	12,094.15	0.0288	348.31	5,018.51	5,383.28
368.00	Consumers' Meters	163,158.70	7,094.15		170,252.85	0.0313	5,328.91	95,371.55	100,607.15
369.00	Consumers' Meter Installation	60,725.34			60,725.34	0.0374	2,271.13	27,701.48	29,972.61
370.00	Other Property on Consumers' Premises	3,644.38			3,644.38	0.0374	136.30	946.12	1,082.42
371.00	Street Lighting & Signal System Equipment	563,325.13	27,988.34	(14,698.88)	576,614.59	0.0390	22,487.97	247,393.88	252,570.50
381.00	Office Equipment-Computer	123,080.41	7,233.61		130,314.02	0.0390	5,082.25	99,074.83	103,999.22
382.00	Stores Equipment	1,489.95			1,489.95	0.0388	57.81	1,882.67	1,939.28
383.00	Shop Equipment	3,650.80			3,650.80	0.0388	141.65	598.09	744.12
384.00	Transportation Equipment	569,432.75			569,432.75	0.1056	60,132.10	615,855.74	670,976.83
385.00	Communication Equipment	9,828.58			9,828.58	0.0500	491.43	5,119.90	5,611.33
386.00	Laboratory Equipment	2,116.25			2,116.25	0.0343	72.59	2,363.50	2,436.09
387.00	General Tools and Implements	96,406.13			96,406.13	0.0475	4,579.29	26,442.95	31,022.24
388.00	Misc. General Equipment	1,753.26			1,753.26	0.0475	83.28	522.92	606.20
391.00	Misc. Tangible Property	730.61			730.61	0.0475	34.70	271.47	306.17
TOTALS		5,109,675.28	90,707.40	(32,109.09)	5,168,273.59		187,084.53	2,826,045.79	2,984,362.63

GREEN ISLAND POWER AUTHORITY  
NET PLANT CALCULATION - **HYDROELECTRIC GENERATION SYSTEM**  
FOR THE YEAR ENDED MAY 31, 2011

ACCOUNT	DESCRIPTION	BEGINNING OF YEAR			END OF THE YEAR		ANNUAL	BEG OF YEAR	END OF YEAR
		GROSS PLANT BALANCE	NORMAL ADDITIONS	NORMAL RETIREMENTS	GROSS PLANT BALANCE	DEPRECIATION RATE	DEPRECIATION BASED ON ENDING FYE 2011 BAL.	DEPRECIATION RESERVE	DEPRECIATION RESERVE
311.0	Land-Hydro	521,207.39			521,207.39			-	-
312.0	Hydro-Electric Power Plant Structures	1,127,410.50	57,470.68		1,184,881.18	0.0200	23,697.62	203,881.64	227,078.14
331.0	Reservoirs, Dams and Waterways	996,762.76			996,762.76	0.0200	19,935.26	184,461.05	204,396.30
331.1	Reservoirs, Dams and Intakes	30,933.62			30,933.62	0.0200	618.67	16,021.97	16,640.64
331.2	Navigation Facilities	1,800.00			1,800.00	0.0200	36.00	281.97	317.97
331.3	Waterways	1,800.00			1,800.00	0.0200	36.00	288.00	324.00
331.4	Forebays, Penstocks and Tailraces	23,141.59			23,141.59	0.0200	462.83	3,253.89	3,716.72
332.0	Roads, Trails and Bridges	10,063.32			10,063.32	0.0200	201.27	1,230.88	1,432.14
333.0	Water Wheels, Turbines and Generators	986,899.81	4,641.00		991,540.81	0.0250	24,788.52	216,875.46	241,596.29
333.1	Water Wheels, Turbines and Generator #1	84,778.98	1,825.00		86,603.98	0.0250	2,165.10	5,161.49	7,318.98
333.2	Water Wheels, Turbines and Generator #2	403,772.30			403,772.30	0.0250	10,094.31	59,138.31	69,232.62
333.3	Water Wheels, Turbines and Generator #3	226,831.77	1,825.00		228,656.77	0.0250	5,716.42	29,128.42	34,860.38
333.4	Water Wheels, Turbines and Generator #4	352,057.32			352,057.32	0.0250	8,801.43	80,067.43	88,868.87
334.0	Accessory Electric Equipment-Hydro	1,613,626.88	16,293.00	(40,000.00)	1,589,919.88	0.0500	79,495.99	682,860.73	722,418.53
335.0	Misc. Power Plant Equipment-Hydro	249,560.15			249,560.15	0.0833	20,788.36	159,516.16	180,304.52
362.0	Storage Battery Equipment	-			-	0.0300	-	-	-
381.0	Office Equipment	13,392.19			13,392.19	0.0300	401.77	3,149.77	3,551.53
382.0	Stores Equipment	2,327.48			2,327.48	0.0300	69.82	517.76	587.59
383.0	Shop Equipment	30,027.08			30,027.08	0.0400	1,201.08	10,631.89	11,832.98
387.0	General Tools	38,681.64			38,681.64	0.0450	1,740.67	15,693.87	17,434.55
391.0	Misc. Tangible Property	-			-	0.0450	-	-	-
		6,715,074.78	82,054.68	(40,000.00)	6,757,129.46		200,251.13	1,672,160.70	1,831,912.75