BERMUDA ELECTRIC LIGHT COMPANY LIMITED

PO, 80X HM 1026, HAMILTON HM DX, BERMUDA TELEPHONE: (441) 295-5111 FAX: EXECUTIVE (441) 292-8975 CUSTOMER SERVICE (441) 292-7832 EMAIL: info@belco.bm WEBSITE: www.belco.bm



PLEASE QUOTE OUR REF.

June 9, 2015

The Energy Commission c/o The Ministry of Energy, Telecommunications and E-Commerce PO Box HM 101 Hamilton, HM AX

Attention: Mr. Michael Leverock, Chairman

TARIFF FILING

Dear Mr. Leverock,

This is to advise you that we wish to make the following changes to the fuel adjustment rate ("FAR") and Commercial renewable system excess energy rate ("CRSEER"):

- 1. FAR Increase from 11.5 cents per kilowatt-hour sold for June to 13.0 cents per kilowatt-hour sold for July; and
- 2. CRSEER Increase from 16.06 cents per kilowatt-hour for June to 18.25 cents per kilowatt-hour for all meters read during the month of July.

The CRSEER represents the rate BELCO will pay commercial owners for excess energy they have generated but not consumed and have exported to BELCO.

As directed by the Energy Commission in accordance with Schedule 1 Paragraph 16 of the Energy Act 2009, our submission in support of this request is attached for your review.

The actual fuel adjustment cost recovery position as at May 31st, 2015 was \$1,248,607 under recovered as compared to the projected \$516,192 under recovery position reported last month. The \$732,415 unfavorable variance is due to:

- Actual barrels of fuel consumed in May were more than projected by 5,197 barrels. This <u>negatively</u> impacted the recovery position by \$520,505. Unplanned maintenance caused by forced outages in base load plant during the month resulted in less efficient plant being used to meet demand and additional fuel being used;
- Net price variance positively impacted the recovery position by \$1,548;
- Actual May electric sales were 1,126,289 KWH's less than projected <u>negatively</u> impacting the recovery position by \$123,123; and
- Fuel interest finance cost incurred in May <u>negatively</u> impacting the recovery position by \$90,335.

As always, we are available to meet with the Energy Commission to discuss our FAR submission. We will continue to monitor our projections to ensure that our submitted FAR requests enable us to achieve a break-even position on fuel costs. Should you have any questions concerning the above, please do not hesitate to contact us.

Yours sincerely,

BERMUDA ELECTRIC LIGHT COMPANY LIMITED

David Faries, C.A., J.P.

Vice President, Finance & Group Controller



Bermuda Electric Light Company Limited

Fuel Adjustment Submission

FOR PUBLIC DISCLOSURE

July 2015

This information is provided to the Bermuda Energy Commission as directed by them on December 30, 2013, in accordance with Schedule 1, Paragraph 16 of the Bermuda Energy Act 2009. This information should be read in conjunction with documents filed by Ascendant Group Limited with the Bermuda Stock Exchange. Please refer to the Company's website at www.belco.bm for further information describing Bermuda Electric Light Company Limited. In accordance with Part 4, Paragraph 26A Clause (1)(c)(i) of the Bermuda Energy Act 2009, certain information provided to the Bermuda Energy Commission has been designated as confidential on the grounds that it could result in material financial loss or gain to any person and therefore has been excluded.



Fuel Adjustment Submission

Table of Contents

	PAGE
Graph - Cost per Barrel of Heavy Fuel Oil Purchased	<u>3</u>
Graph - Cost per Barrel of Diesel Fuel Oil Purchased	<u>4</u>
Table of Heavy Fuel Oil Inventory Activity	<u>5</u>
Graph - Heavy Fuel Oil Inventory Activity	<u>6</u>
	<u> _</u>
Table of Diesel Fuel Oil Inventory Activity	7
Graph - Diesel Fuel Oil Inventory Activity	8
Table of Heavy Evel Oil Costs Don Shipment	9
Table of Heavy Fuel Oil Costs Per Shipment	<u>9</u>
Table of Diesel Fuel Oil Per Shipment	10
Table of Breset Fact on For Simplificati	<u> </u>
Graph - Barrels of Fuel Consumed	11
Graph - Fuel Consumption & Kilowatt Hours Sold	<u>12</u>
Graph - Kilowatt Hours Sold	<u>13</u>
Graph - Maximum 15-Minute & Hourly Peak Kilowatt Hour Demand	<u>14</u>
Graph - Fuel Adjustment Rate vs. Platt's Indices for Heavy & Diesel Fuel	<u>15</u>
Fuel Adjustment Over/(Under) Recovery - Previous Month	<u>16</u>

Fuel Consumption Projections - Forward Three Months	<u>17</u>
Fuel Adjustment Over/(Under) Recovery Projections - Existing Rate	<u>18</u>
Fuel Adjustment Over/(Under) Recovery Projections - Requested Rate	<u>19</u>
Fuel Adjustment Over/(Under) Recovery Projections - Full Cost	<u>20</u>
Generators Available for Service - Previous Month	<u>21</u>
Generators Out of Service - Previous Month	<u>22</u>
Scheduled Generator Maintenance - Filing Period	<u>23</u>
Other Events Affecting The Fuel Adjustment Calculation	<u>24</u>

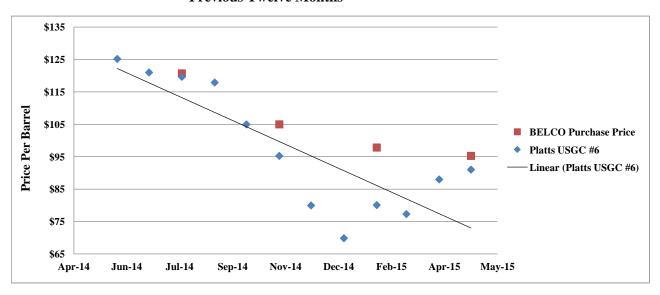


Heavy Fuel Oil Purchased

Versus

Platt's U.S. Gulf Coast Waterborne mid-No. 6, 3% Sulfur Heavy Fuel Oil

Previous Twelve Months

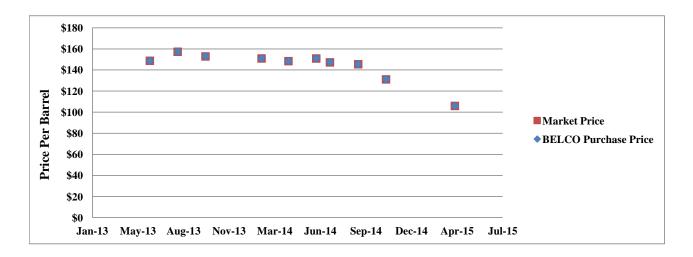


N.B. In accordance with the Fuel Supply Agreement for Platt's U.S. Gulf Coast Waterborne mid-No. 6, 3% Sulfur Heavy Fuel Oil between BELCO and Shell Western Trading Limited, the contracted price is stipulated as the 30-day average for Platt's U.S. Gulf Coast Waterborne mid-No. 6, 3% Sulfur Heavy Fuel Oil.



Diesel Fuel Oil Purchased

Previous Twelve Months



N.B. In accordance with the Fuel Supply Agreement for No. 2 Diesel Oil between BELCO and Coral Petroleum Company Limited, the contracted price is stipulated as the Platt's U.S. Gulf Coast Waterborne mid Ultra Low Sulfur Diesel, 3-day average center Bill of Lading Date which is the date the fuel is loaded on to the vessel. As BELCO does not enter into forward contracts for the supply of diesel fuel, the price BELCO pays is equal to the Platt's price.

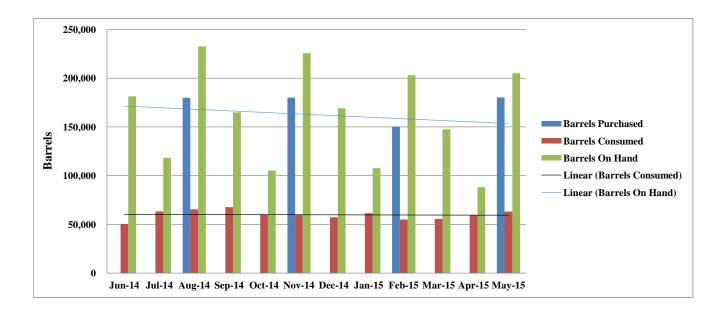


Heavy Fuel Oil Inventory Activity

Date	Barrels Purchased Barrels Consumed		Barrels On Hand		
June, 2014		50,421.00	181,470.43		
July, 2014	-	63,298.00	118,172.43		
August, 2014	180,041.29	65,499.00	232,714.72		
September, 2014	100,041.27	67,611.00	165,103.72		
October, 2014	-	59,804.00	105,299.72		
November, 2014	180,159.88	59,619.00	225,840.60		
December, 2014	-	57,212.00	169,174.72		
January, 2015	-	61,419.00	107,755.72		
February, 2015	150,289.50	54,987.00	203,058.22		
March, 2015	-	55,605.00	147,453.22		
April, 2015	-	59,347.00	88,106.22		
May, 2015	180,228.50	63,163.00	205,171.72		



Graph of Heavy Fuel Oil Inventory Activity



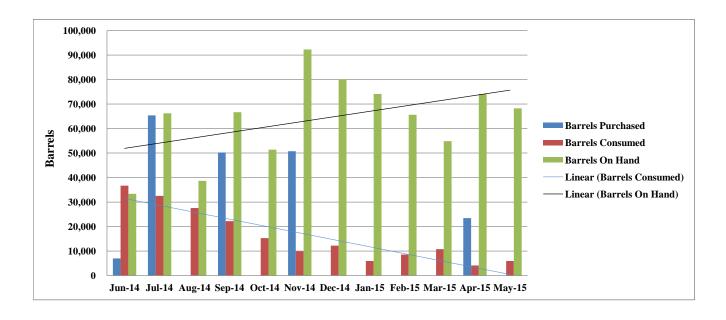


Diesel Fuel Oil Inventory Activity

Date	Barrels Purchased	Barrels On Hand		
June, 2014	6,992.52	36,709.00	33,379.39	
July, 2014	65,377.73	32,538.00	66,219.12	
August, 2014	-	27,530.00	38,689.12	
September, 2014	50,189.00	22,176.00	66,702.12	
October, 2014	-	15,290.00	51,412.12	
November, 2014	50,764.86	9,913.00	92,263.98	
December, 2014	-	12,177.00	80,088.52	
January, 2015	-	5,959.00	74,129.52	
February, 2015	-	8,529.00	65,600.52	
March, 2015	-	10,779.00	54,821.52	
April, 2015	23,421.39	4,096.00	74,146.91	
May, 2015		5,914.00	68,232.91	



Graph of Diesel Fuel Oil Inventory Activity





Heavy Fuel Oil Costs Per Shipment

In accordance with Part 4, Paragraph 26A Clause (1)(c)(i) of the Bermuda Energy Act 2009, certain information provided to the Bermuda Energy Commission has been designated as confidential on the grounds that it could result in material financial loss or gain to any person and therefore has been excluded.



Diesel Fuel Oil Costs Per Shipment

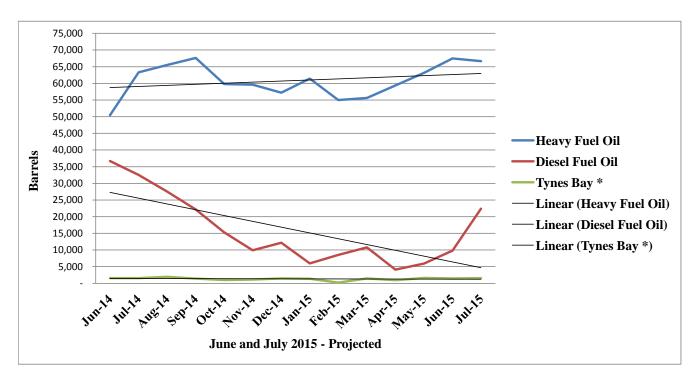
In accordance with Part 4, Paragraph 26A Clause (1)(c)(i) of the Bermuda Energy Act 2009, certain information provided to the Bermuda Energy Commission has been designated as confidential on the grounds that it could result in material financial loss or gain to any person and therefore has been excluded.



Barrels of Fuel Consumed

Previous Twelve Months

Plus Two Month Forward Projection



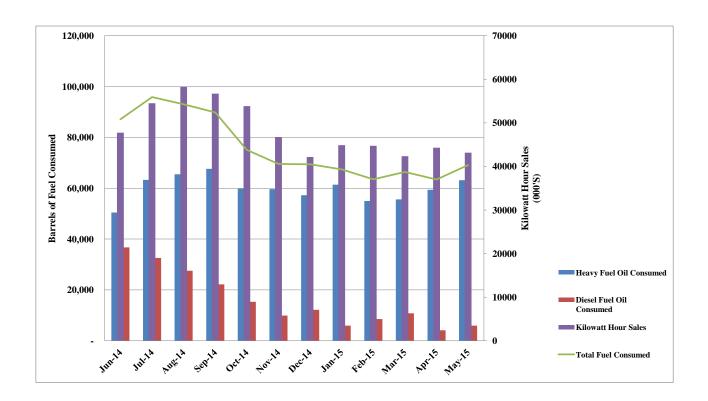
^{*} BELCO calculates an efficiency rating for its generators on a monthly basis. This is calculated as the estimated kilowatt hours that will be generated that month divided by the estimated number of barrels of fuel that will be used. Therefore, the equivalent barrels of fuel is calculated for Tynes Bay as the amount of kilowatt hours delivered by Tynes Bay to BELCO divided by this budgeted efficiency rating.



Fuel Consumption

Versus

Kilowatt Hour Sales

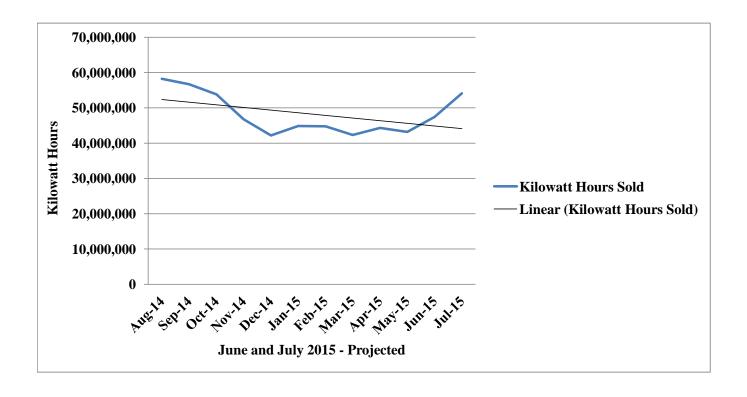




Kilowatt Hour Sales

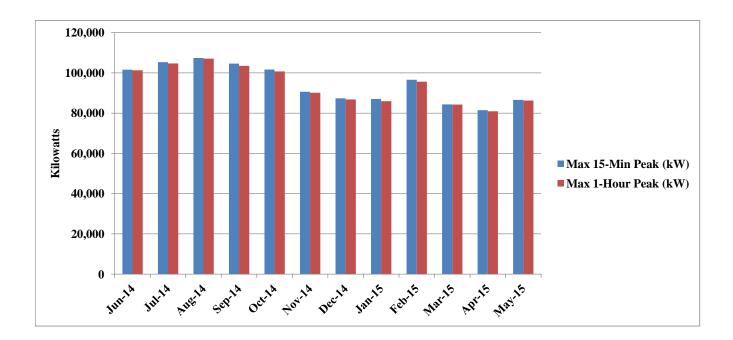
Previous Twelve Months

Plus Two Month Forward Projection





Maximum 15-Minute & Hourly Peak Kilowatt Hour Demand





Fuel Adjustment Rate

Versus

Platt's Indices for Heavy and Diesel Fuel Oils





Fuel Adjustment Over / (Under) Recovery

For the Month Ended May 31st, 2015

		\$	\$	\$
Opening Balance at 1 May 2015				(603,176)
Fuel Consumption				
Diesel - 5,914 bbls @ 131.0621		775,102		
Less: Fuel Consumption @ \$30/bbl		(177,420)	597,682	
Heavy - 27,816.72 @ 117.4455		3,266,949		
Heavy - 35,346.28 @ 89.0544		3,147,742		
Less: Fuel Consumption @ \$30/bbl		(1,894,890)	4,519,800	
True 22 Day 1 172 464 bWb @ 0 195		216.006		
Tynes Bay - 1,172,464 kWh @ 0.185		216,906	160 517	
Less: (1,172,464 kWh /726.90) 1,612.96 bbls @ \$30/bbl		(48,389)	168,517	
			5,286,000	
Deduct: Fuel Adjustment Revenue (after discount)				
	\$4,963,440	@ .95315	4,730,903	
May over / (under) recovery		-		(555,096)
Interest Expense				(90,335)
interest Expense				(70,333)
Cost of Power Purchased from Commercial Providers				0
F. P. D. L			-	(1.249.60=)
Ending Balance at 31 May 2015			_	(1,248,607)



Fuel Consumption Projections

Forward Three Months

Shipment			Amount	Total	FADJ (less
Date	Type	Hedged	(Barrels)	Cost/Barrel	\$30/bbl)
February 15	Heavy	No	24,943.22	89.0544	59.0544
May 15	Heavy	Yes	30,000.00	114.5634	84.5634
May 15	Heavy	Yes	30,000.00	98.0597	68.0597
May 15	Heavy	Yes	30,000.00	87.0740	57.074
May 15	Heavy	Yes	30,000.00	91.3772	61.3772
May 15	Heavy	No	60,228.50	90.2573	60.2573
November 14	Diesel	No	44,811.52	131.0621	101.0621
April 15	Diesel	No	23,421.39	105.9076	75.9076



Fuel Adjustment Over/(Under) Recovery Projections

At Existing Fuel Adjustment Rate

Three Months Forward

		Ove	er (Under) Recove	ry account as at end	of 1	orevious month:	\$	(1,248,607)
		0.0	(011401) 1100010	ry account as at one	<u> </u>	<u> </u>	Ψ	(1,2 10,007)
Projected kWh								
Sales - June								
2015	47,440,680		At 11.5 FADJ	@ 95315 (discount)	\$	5,200,080		
Projected fuel								
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost		
	Diesel	November 2014	9,815	. ,		(991,924.51)		
	Heavy	February 2015	24,943	. ,		(1,473,006.89)		
	Heavy	May 2015	30,000	(/		(2,536,902.00)		
	Heavy	May 2015	12,540	. ,	_	(853,453.66)		
	Tynes Bay	N/A	1,481	\$ (100.02)	\$	(148,139.07)		(002.245)
	Total Barrels	P. C.	78,779			1 . 6.41.1		(803,346)
		Projected	i Over (Under) Re	ecovery account as at	en	d of this month:		(2,051,953)
D								
Projected kWh Sales - July								
2015	54,122,524		At 11.5 FADJ	@ 95315 (discount)	\$	5,932,492		
Projected fuel	34,122,324		At 11.5 FADJ	@ 95515 (discoulit)	Ф	3,932,492		
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost		
consumed		Simplificate Date	Darreis	TAD5 COSCIDATION		Total Cost		
	Diesel	November 2014	22,378	\$ (101.06)	\$	(2,261,567.67)		
	Heavy	May 2015	17,460			(1,188,337.34)		
	Heavy	May 2015	30,000			(1,712,220.00)		
	Heavy	May 2015	19,198		_	(1,178,305.98)		
	Tynes Bay	N/A	1,562	\$ (98.67)	\$	(154,093.24)		
	Total Barrels		90,598					(562,033)
		Projected	l Over (Under) Re	ecovery account as at	en	d of this month:		(2,613,986)
Projected kWh								
Sales - August								
2015	57,721,769		At 11.5 FADJ	@ 95315 (discount)	\$	6,327,013		
Projected fuel								
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost		
	D. .	N. 1 0044	10 -10	d (101.25)	_	(1.055.054.10)		
	Diesel	November 2014	12,619			(1,275,254.13)		
	Diesel	April 2015	15,583			(1,182,904.57)		
	Heavy	May 2015	10,802			(663,010.02)		
	Heavy Tynes Bay	May 2015 N/A	57,440 1,660			(3,461,166.06) (151,135.43)		
	Total Barrels	IN/A	98.104	φ (91.03)	Þ	(131,133.43)		(406,457)
	Total Dallels	Projected	, .	ecovery account as at	or	d of this month.		(3,020,443)
		rrojected	i Over (Under) Ke	covery account as at	en	u or this month:		(3,020,443)



Fuel Adjustment Over/(Under) Recovery Projections

At Requested Fuel Adjustment Rate

Three Months Forward

Over (Under) Recovery account as at end of previous month: \$ (1,248,60							\$ (1,248,607)
				<u> </u>			
Projected kWh							
Sales - June							
2015	47,440,680		At 11.5 FADJ	@ 95315 (discount)	\$	5,200,080	
Projected fuel							
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
	Diesel	November 2014	9,815			(991,924.51)	
	Heavy	February 2015	24,943			(1,473,006.89)	
	Heavy	May 2015	30,000			(2,536,902.00)	
	Heavy	May 2015	12,540			(853,453.66)	
	Tynes Bay	N/A	1,481	\$ (100.02)	\$	(148,139.07)	(000.016)
	Total Barrels		78,779			7 0 7 4	(803,346)
		Projec	cted Over (Under)	Recovery account as	at	end of this month:	(2,051,953)
D							
Projected kWh							
Sales - July			1. 12.0 51.51	0.05015 (1)	Φ.	6 5 0 6 2 0 5	
2015	54,122,524		At 13.0 FADJ	@ 95315 (discount)	\$	6,706,295	
Projected fuel		CL: D	D 1	EADIG (D. I.		T . 1.0 .	
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
	D'I	November 2014	22.270	¢ (101.0¢)	Ф	(0.061.567.67)	
	Diesel Heavy	May 2015	22,378 17,460			(2,261,567.67) (1,188,337.34)	
	Heavy	May 2015 May 2015	30,000		_	(1,712,220.00)	
	Heavy	May 2015	19,198			(1,178,305.98)	
	Tynes Bay	N/A	1,562	\$ (98.67)	\$	(154,093.24)	
	Total Barrels	IV/A	90,598	\$ (96.07)	φ	(134,033.24)	211,771
	Total Dallers	Projec	,	Recovery account as	e at	and of this month:	(1,840,183)
		110,60	ted Over (Under)	Recovery account as	at	thu of this month.	(1,040,103)
Projected kWh							
Sales - August							
2015	57,721,769		At 13.0 FADJ	@ 95315 (discount)	\$	7,152,276	
Projected fuel	31,721,707		11.13.017153	C 75515 (discount)	Ψ	7,132,270	
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
			2011 010			2000	
	Diesel	November 2014	12,619	\$ (101.06)	\$	(1,275,254.13)	
	Diesel	April 2015	15,583	\$ (75.91)	\$	(1,182,904.57)	
	Heavy	May 2015	10,802			(663,010.02)	
	Heavy	May 2015	57,440		\$	(3,461,166.06)	
	Tynes Bay	N/A	1,660	\$ (91.03)	\$	(151,135.43)	
	Total Barrels		98,104	,		,	418,805
	Projected Over (Under) Recovery account as at end of this month:						(1,421,377)



Fuel Adjustment Over/(Under) Recovery Projections

At Requested Fuel Adjustment Rate - Full Cost

Three Months Forward

Projected Over (Under) Recovery account as at end of June:							\$ (2,051,953)
				, , , , , , , , , , , , , , , , , , , ,			())
Projected kWh							
Sales - July							
2015	54,122,524		At 18.25 FADJ	@ 95315 (discount)	\$	9,414,606	
Projected fuel							
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
	Diesel	November 2014	22,378	\$ (131.06)	\$	(2,932,907.67)	
	Heavy	May 2015	17,460	\$ (98.06)		(1,712,143.94)	
	Heavy	May 2015	30,000	\$ (87.07)	\$	(2,612,220.00)	
	Heavy	May 2015	19,198	. ,	_	(1,754,239.38)	
	Tynes Bay	N/A	1,562	\$ (128.67)	\$	(200,945.52)	
	Total Barrels		90,598				202,150
		Projec	ted Over (Under)	Recovery account as	s at e	end of this month:	(1,849,804)
Projected kWh							
Sales - August							
2015	57,721,769		At 18.36 FADJ	@ 95315 (discount)	\$	10,101,214	
Projected fuel							
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
	Diesel	November 2014	12,619		_	(1,653,809.73)	
	Diesel	April 2015	15,583		\$	(1,650,408.97)	
	Heavy	May 2015	10,802	\$ (91.38)		(987,076.62)	
	Heavy	May 2015	57,440			(5,184,359.46)	
	Tynes Bay	N/A	1,660	\$ (121.03)	\$	(200,945.52)	
	Total Barrels		98,104				424,613 (1,425,190)
	Projected Over (Under) Recovery account as at end of this month:						



Generators Available for Service

May, 2015

Generator	Available	Type of fuel Consumed	Barrels of Fuel Consumed	Efficiency Rating*
E1	yes	HFO	9,382	705
E2	yes	HFO	10,349	588
E3	yes	HFO	4,348	711
E4	yes	HFO	4,194	710
E5	yes	HFO	12,113	669
E6	yes	HFO	8,330	707
E7	yes	HFO	7,657	740
E8	yes	HFO	11,352	740
D3	yes	LFO	1,096	509
D8	yes	LFO	907	550
D10	yes	LFO	1,488	570
GT4	yes	LFO	237	740
GT3F	yes	LFO	0	0
GT3F	yes	LFO	0	0
GT6	yes	LFO	56	475
GT7	yes	LFO	31	494
GT8	yes	LFO	98	498

^{*} Efficiency Rating = Amount of kilowatt hours generated per barrel consumed



Generators Out of Service

May, 2015

Unit	Category	Туре	Forced Outage Details	Outage Date	Return Date
E4	Main Engine	MO	Unit out for hot deflections.	05/03/15	05/03/15
E3	Main Engine	MO	Unit out for hot deflections.	05/03/15	05/03/15
D3	Auxilary Systems	MO	D3 schematic filter replacement operator call.	05/04/15	05/04/15
GT6	Main Engine	MO	M.O.	05/06/15	05/10/15
GT4	Main Engine	MO	GT4 Inspection by siemens	05/06/15	05/06/15
GT5	Other Systems	MO	GT5 to M.O. for S.A. bottle inspection	05/07/15	NULL
E6	Other Systems	MO	Eng stopped to move VCB from lower to upper bus bar	05/06/15	05/06/15
D8	Instrumentation & Control System	FO (Postpone)	Module failed, pumps not starting	05/07/15	05/08/15
E5	Electrical System	MO	E5 out for Alternator inspection	05/08/15	05/10/15
GT7	Main Engine	MO	Unit out for Service	05/09/15	05/13/15
E4	Main Engine	FO (Postpone)	Unit out because of High Temperature on Pedestal Bearing, and crack found on	05/12/15	05/15/15
E3	Main Engine	FO (Immediate)	Unit FO due to fuel leaks on cyl 3 and cyl 9	05/14/15	05/16/15
E1	Main Engine	FO (Immediate)	Cylinder #3 exhaust is suspected of having a burnt face and cylinder #2 has a JC	05/14/15	05/16/15
D10	Main Engine	MO	RHS charge air cooler to be changed	05/18/15	05/21/15
E3	Auxilary Systems	FO (Postpone)	Fuel leak cy#3 fuel pump bottom pipe.	05/20/15	05/20/15
E7	Instrumentation & Control System	FO (Immediate)	Air spring compression fitting failed.	05/20/15	05/20/15
E6	Main Engine	MO	Fuel oil leaks Cylinder 7A and 7B	05/21/15	05/21/15
E2	Auxilary Systems	MO	LO Moati Filter south side sopped turning	05/21/15	05/21/15
E2	Auxilary Systems	FO (Immediate)	Unit out to re address moatti filters.	05/21/15	05/22/15
E4	Auxilary Systems	FO (Immediate)	F/O for Fuel Leak Cyl 2R, Unit not running at time of F/O.	05/18/15	05/18/15
E6	Main Engine	MO	Unit out to replace fuel rail seals	05/23/15	05/23/15
GT4	Auxilary Systems	MO	Fuel Meter calibration	05/26/15	05/26/15
E6	Main Engine	FO (Immediate)	Hi Exhaust temp cyl 5A	05/26/15	NULL
D8	Auxilary Systems	MO	Unit out to service SCW pump and motor	05/26/15	05/28/15
D10	Auxilary Systems	MO	Unit out to replace Cylinder L/o #3 lubricator box.	05/27/15	05/28/15
E2	Main Engine	FO (Immediate)	Cylinder #4 fuel pump failure	05/28/15	05/28/15
D14	Instrumentation & Control System	FO (Postpone)	Faulty HMI, no control of engine auxiliaries. Unit moved from forced outage to	05/28/15	06/01/15
E7	Main Engine	MO	Unit out to repair fuel leak at Cylinder #4A	05/30/15	05/30/15
GT3F	Instrumentation & Control System	MO	fuel meter calibration	05/30/15	05/30/15
GT3E	Instrumentation & Control System	MO	fuel meter calibration	05/30/15	05/30/15
E4	Main Engine	FO (Immediate)	fuel leaks and hot deflections	05/30/15	05/30/15
E3	Main Engine	MO	hot deflections and fuel leaks	05/31/15	05/31/15
D8	Electrical System	MO	signal switch changed	05/31/15	05/31/15
E1	Main Engine	FO (Immediate)	cylinder 7 exhaust valve burnt and injectors to change	05/31/15	05/31/15
GT4	Auxilary Systems	MO	Unit out for maintenance, fuel oil meter being calibrated	05/31/15	05/31/15



Scheduled Generator Maintenance

July 2015

Generator	Maintenance Type	Outage Date	Return Date		
E1	PM 12K	07/06/15	08/05/15		



Other Events Affecting the Fuel Adjustment Rate

- 1. Details of any insurance claims submitted by BELCO which directly impact the Fuel Adjustment Rate.

 No insured losses have been incured by BELCO during the filing period that would result in a potential insurance
- 2. Any major events that have a direct impact on the Fuel Adjustment Rate.
 No major events have occurred during the filing period having an impact on the Fuel Adjustment Rate.
- 3. Changes in Debt Facilities Affecting the Fuel Adjustment Rate.

The current overdraft facility which expires on June 30, 2015 has a maximum limit of \$41 million.