BERMUDA ELECTRIC LIGHT COMPANY LIMITED

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PLEASE QUOTE OUR REF

December 8, 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 Decrease from 11.25 cents per kilowatt-hour for December to 10.0 cents per kilowatt-hour sold for January 2016; and
- 2. CRSEER Decrease from 16.48 cents per kilowatt-hour for December to 14.77 cents per kilowatt-hour for all meters read during the month of January 2016.

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 30th November, 2015 was \$1,191,367 over recovered as compared to the projected \$171,279 over recovery position projected in October. The \$1,020,088 favorable variance is due to:

- Actual barrels of fuel consumed in October and November were less than projected by 14,842 barrels. This
 positively impacted the recovery position by \$1,051,438. Due to an error in fuel inventory reporting,
 September fuel consumption calculated was higher than actually consumed. The correction, posted in
 October, resulting in lower fuel consumption than projected.
- Net price variance <u>positively</u> impacted the recovery position by \$109,372;
- Actual October and November electric sales were 1,716,746 KWH's more than projected. This variance, combined with the actual approved fuel adjustment rate (i.e. 12.0 cents per kilowatt-hour) below the rate used in the projections (i.e. 12.50 cents per kilowatt-hour), resulted in a net <u>negative</u> impact on the fuel recovery position of \$26,261; and

BERMUDA ELECTRIC LIGHT COMPANY LIMITED

• Fuel interest finance cost incurred in October and November <u>negatively</u> impacted the recovery position by \$114,461.

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, CPA, CA, JP

Vice President, Finance & Group Controller



Bermuda Electric Light Company Limited

Fuel Adjustment Submission

FOR PUBLIC DISCLOSURE

January 2016

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

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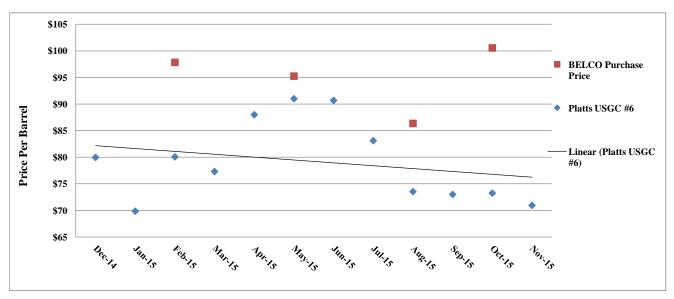


Heavy Fuel Oil Purchased

Versus

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

Previous Twelve Months

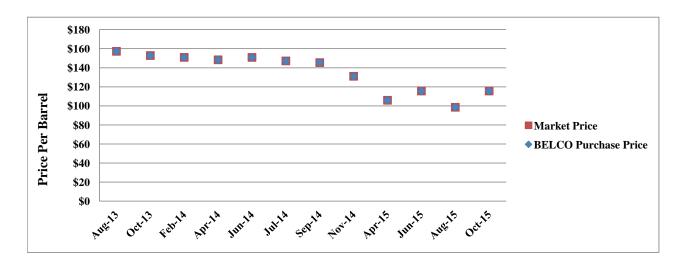


N.B. In accordance with the Fuel Supply Agreement for Platt's U.S. Gulf Coast Waterborne mid-No. 6, 3% Sulfur Heavy Fuel Oil between BELCO and Shell Western Trading Limited, the contracted price is stipulated as the 30-day average for Platt's U.S. Gulf Coast Waterborne mid-No. 6, 3% Sulfur Heavy Fuel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

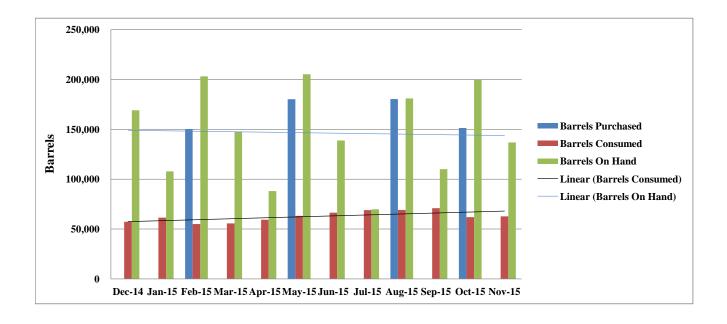


Heavy Fuel Oil Inventory Activity

Date	Barrels Purchased	Barrels Consumed	Barrels On Hand
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
June, 2015	-	66,399.00	138,772.72
July, 2015	-	69,022.00	69,750.72
August, 2015	180,297.11	69,125.00	180,922.83
September, 2015	-	70,852.00	110,070.83
October, 2015	151,329.70	61,874.55	199,525.98
November, 2015	-	62,737.00	136,788.98



Graph of Heavy Fuel Oil Inventory Activity



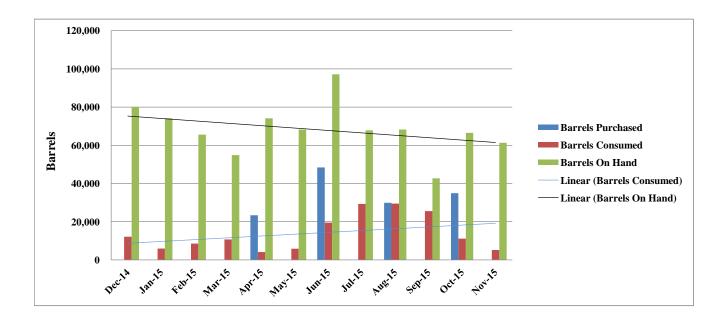


Diesel Fuel Oil Inventory Activity

Date	Barrels Purchased	Barrels Consumed	Barrels On Hand	
D 1 2014		12 177 00	00,000,52	
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	
June, 2015	48,413.33	19,525.00	97,121.24	
July, 2015	-	29,286.00	67,835.24	
August, 2015	29,940.60	29,499.00	68,276.84	
September, 2015	-	25,552.00	42,724.84	
October, 2015	34,952.60	11,171.00	66,506.44	
November, 2015	-	5,216.00	61,290.44	



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

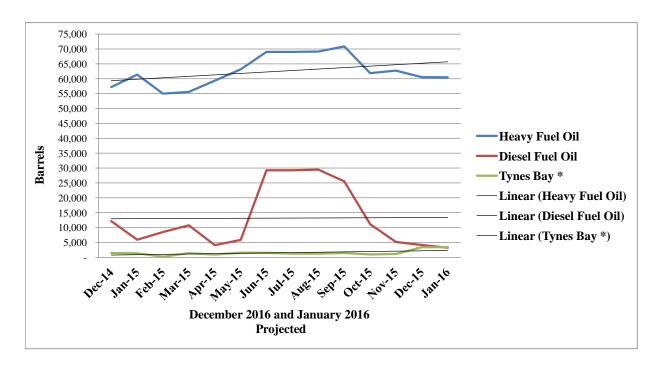
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Barrels of Fuel Consumed

Previous Twelve Months

Plus Two Month Forward Projection



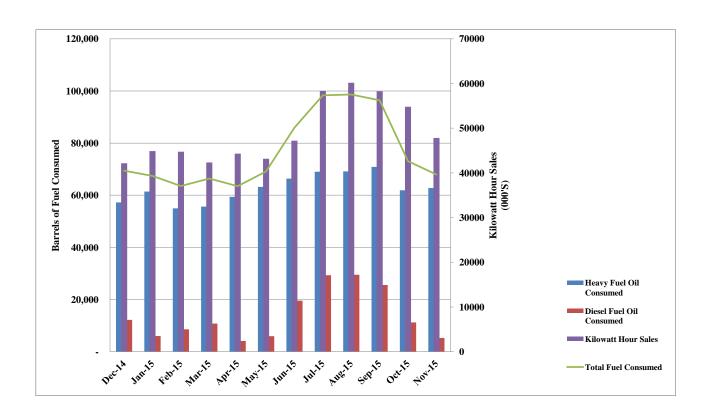
^{*} BELCO calculates an efficiency rating for its generators on a monthly basis. This is calculated as the estimated kilowatt hours that will be generated that month divided by the estimated number of barrels of fuel that will be used. Therefore, the equivalent barrels of fuel is calculated for Tynes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

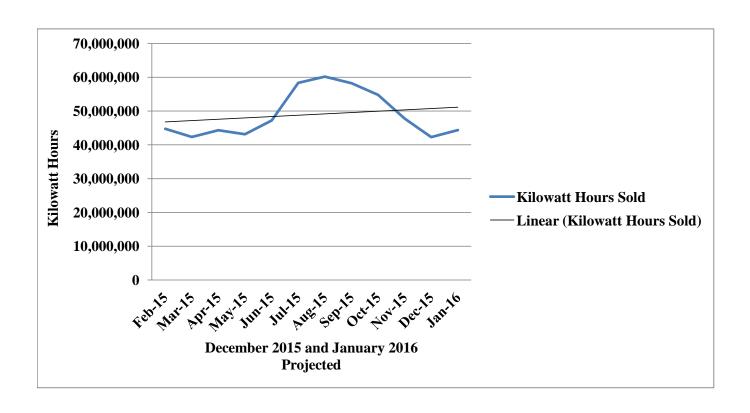




Kilowatt Hour Sales

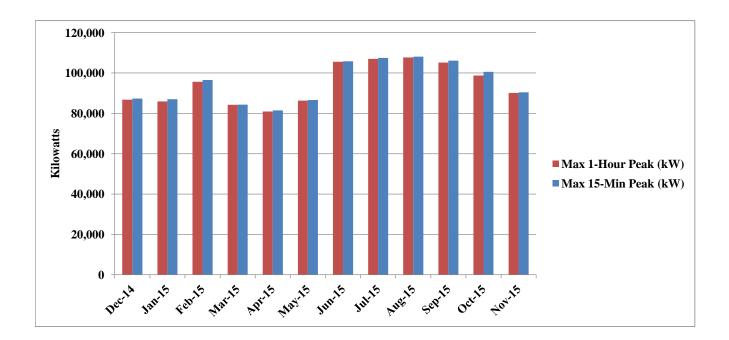
Previous Twelve Months

Plus Two Month Forward Projection





Maximum 15-Minute & Hourly Peak Kilowatt Hour Demand

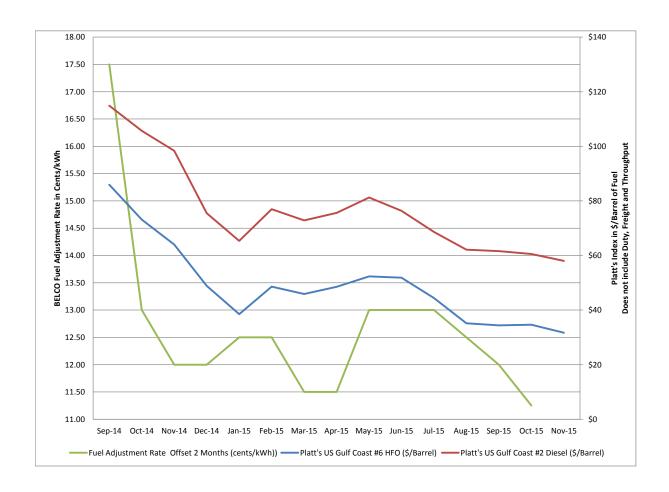




Fuel Adjustment Rate

Versus

Platt's Indices for Heavy and Diesel Fuel Oils





Fuel Adjustment Over / (Under) Recovery

For the Month Ended 30th November 2015

Opening Balance at 1 November 2015		\$	\$	\$ (397,983)
Fuel Consumption				, , ,
Diesel -1,613.24 bbls @ \$115.6892		186,634		
Diesel -3,602.76 bbls @ \$98.5940		355,211		
Less: Fuel Consumption @ \$30/bbl		(156,480)	385,365	
Heavy - 48,196.28 bbls @ \$73.1578		3,525,934		
Heavy - 14,540.72 bbls @ \$115.0314		1,672,639		
Less: Fuel Consumption @ \$30/bbl		(1,882,110)	3,316,463	
Tynes Bay - 840,588 kWh @ \$0.185		155,509		
Less: (840,588 kWh /721.3) 1,165.38 bbls @ \$30/bbl		(34,961)	120,548	
			3,822,376	
Deduct: Fuel Adjustment Revenue (after discount)				
	\$5,735,457	@ .95315	5,466,751	
November over / (under) recovery		_		1,644,375
Interest Expense				(55,025)
Cost of Power Purchased from Commercial Providers				0
Ending Balance at 30 November 2015			-	1,191,367



Fuel Consumption Projections

Forward Three Months

Shipment			Amount	Total	FADJ (less
Date	Type	Hedged	(Barrels)	Cost/Barrel	\$30/bbl)
October 15	Heavy	Yes	15,459.28	115.0314	84.9668
October 15	Heavy	Yes	30,000.00	92.1489	62.0859
October 15	Heavy	Yes	30,000.00	93.9714	63.9084
October 15	Heavy	Yes	30,000.00	115.6389	85.5759
October 15	Heavy	Yes	30,000.00	87.3902	57.3272
October 15	Heavy	No	1,329.70	75.8709	45.8709
December 15	Heavy	Yes	30,000.00	88.9080	58.908
December 15	Heavy	Yes	30,000.00	116.043	86.043
August 15	Diesel	No	26,337.84	98.5310	68.5310



Fuel Adjustment Over/(Under) Recovery Projections

At Existing Fuel Adjustment Rate

Three Months Forward

Over (Under) Recovery account as at end of previous month: \$							\$	1,191,367
			, , , , , ,	•			•	, ,
Projected kWh								
Sales -								
December 2015	42,283,866		At 11.25 FADJ	@ 95315 (discount)	\$	4,534,073		
Projected fuel								
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost		
	Diesel	August 2015	4,161	\$ (68.59)	\$	(285,419.63)		
	Heavy	October 2015	15,459	\$ (85.03)	\$	(1,314,500.41)		
	Heavy	October 2015	30,000	(/	\$	(1,864,467.00)		
	Heavy	October 2015	15,102	(/	\$	(966,096.08)		
	Tynes Bay	N/A	1,698	\$ (103.74)	\$	(176,164.57)		
	Total Barrels		66,420					(72,575)
		Projecte	d Over (Under) R	ecovery account as at	t en	d of this month:		1,118,792
Projected kWh								
Sales - January								
2015	44,371,418		At 11.25 FADJ	@ 95315 (discount)	\$	4,757,919		
Projected fuel								
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost		
	Diesel	August 2015	3,246		\$	(222,656.12)		
	Heavy	October 2015	14,898		\$	(953,045.92)		
	Heavy	October 2015	30,000			(2,569,167.00)		
	Heavy	October 2015	15,602	1 1	\$	(895,401.90)		
	Tynes Bay	N/A	3,464	\$ (105.88)	\$	(366,801.77)		
	Total Barrels		67,210					(249,153)
		Projecte	d Over (Under) R	ecovery account as at	t en	d of this month:		869,638
			T					
Projected kWh								
Sales - February								
2016	43,804,640		At 11.25 FADJ	@ 95315 (discount)	\$	4,697,144		
Projected fuel		a	_					
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost		
	Diesel	August 2015	9,045	\$ (68.59)	\$	(620,432.73)		
	Heavy	October 2015	14,398			(826,304.10)		
	Heavy	October 2015	1,330	, (/		(61,078.31)		
	Heavy	December 2015	30,000	\$ (58.91)	\$	(1,767,240.00)		
	Heavy	December 2015	9,849	\$ (86.04)	\$	(847,463.32)		
	Tynes Bay	N/A	2,224	\$ (104.25)	\$	(231,902.69)		242.722
	Total Barrels		66,846			1 0 11 1		342,723 1,212,361
	Projected Over (Under) Recovery account as at end of this month:							



Fuel Adjustment Over/(Under) Recovery Projections

At Requested Fuel Adjustment Rate

Three Months Forward

		(Over (Under) Rec	overy account as at e	nd o	of previous month:	\$ 1,191,367
			•	•		•	
Projected kWh							
Sales -							
	42,283,866		At 11.25 FADJ	@ 95315 (discount)	\$	4,534,073	
Projected fuel							
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
	Diesel	August 2015	4,161	\$ (68.59)		(285,419.63)	
	Heavy	October 2015	15,459	\$ (85.03)	\$	(1,314,500.41)	
	Heavy	October 2015	30,000	. ,		(1,864,467.00)	
	Heavy	October 2015	15,102	\$ (63.97)	\$	(966,096.08)	
	Tynes Bay	N/A	1,698	\$ (103.74)	\$	(176,164.57)	
	Total Barrels		66,420				(72,575)
		Proje	cted Over (Under	Recovery account a	s at	end of this month:	1,118,792
Projected kWh							
Sales - January							
2015	44,371,418		At 10.00 FADJ	@ 95315 (discount)	\$	4,229,262	
Projected fuel							
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
	Diesel	August 2015	3,246	\$ (68.59)	\$	(222,656.12)	
	Heavy	October 2015	14,898	\$ (63.97)	\$	(953,045.92)	
	Heavy	October 2015	30,000	\$ (85.64)	\$	(2,569,167.00)	
	Heavy	October 2015	15,602	\$ (57.39)	\$	(895,401.90)	
	Tynes Bay	N/A	3,464	\$ (105.88)	\$	(366,801.77)	
	Total Barrels		67,210				(777,811)
		Proje	cted Over (Under	Recovery account a	s at	end of this month:	340,981
Projected kWh							
Sales -							
February 2016	43,804,640		At 9.75 FADJ	@ 95315 (discount)	\$	4,070,858	
Projected fuel							
consumed		Shipment Date	Barrels	FADJ Cost/Barrel		Total Cost	
	Diesel	August 2015	9,045	\$ (68.59)	\$	(620,432.73)	
	Heavy	October 2015	14,398	\$ (57.39)	\$	(826,304.10)	
	Heavy	October 2015	1,330	\$ (45.93)	\$	(61,078.31)	
	Heavy	December 2015	30,000	\$ (58.91)	\$	(1,767,240.00)	
	Heavy	December 2015	9,849	\$ (86.04)	\$	(847,463.32)	
	Tynes Bay	N/A	2,224	\$ (104.25)	\$	(231,902.69)	
	Total Barrels		66,846				(283,563
		Proie	cted Over (Under) Recovery account a	s at	end of this month:	57,418



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 December: \$ 1,118,792						
Projected kWh						
Sales - January						
2015	44,371,418		At 14.77 FADJ	@ 95315 (discount)	\$ 6,246,620	
Projected fuel						
consumed		Shipment Date	Barrels	FADJ Cost/Barrel	Total Cost	
	Diesel	August 2015	3,246	\$ (98.59)	\$ (320,036.12)	
	Heavy	October 2015	14,898	\$ (93.97)	\$ (1,399,985.92)	
	Heavy	October 2015	30,000	\$ (115.64)	\$ (3,469,167.00)	
	Heavy	October 2015	15,602	\$ (87.39)	\$ (1,363,461.90)	
	Tynes Bay	N/A	3,464	\$ (135.88)	\$ (470,728.80)	
	Total Barrels		67,210			(776,760)
Projected Over (Under) Recovery account as at end of this month:						342,031
Projected kWh						
Sales -						
February 2016	43,804,640		At 14.40 FADJ	@ 95315 (discount)	\$ 6,012,345	
Projected fuel						
consumed		Shipment Date	Barrels	FADJ Cost/Barrel	Total Cost	
	Diesel	August 2015	9,045	\$ (98.59)	\$ (891,782.73)	
	Heavy	October 2015	14,398	\$ (87.39)	\$ (1,258,244.10)	
	Heavy	October 2015	1,330	\$ (75.93)	\$ (100,969.31)	
	Heavy	December 2015	30,000	\$ (88.91)	\$ (2,667,240.00)	
	Heavy	December 2015	9,849	\$ (116.04)	\$ (1,142,942.32)	
	Tynes Bay	N/A	2,224	\$ (104.25)	\$ (231,902.69)	
	Total Barrels		66,846			(280,737)
	61,295					



Generators Available for Service

November 2015

Generator	Available	Type of fuel Consumed	Barrels of Fuel Consumed	Efficiency Rating*
E1	Yes	HFO	8,660	680
E2	Yes	HFO	10,285	674
E3	Yes	HFO	4,269	704
E4	Yes	HFO	5,719	705
E5	Yes	HFO	10,795	697
E6	Yes	HFO	7,544	704
E7	Yes	HFO	9,466	722
E8	Yes	HFO	10,044	724
D3	Yes	LFO	1,608	549
D8	Yes	LFO	1,464	618
D10	Yes	LFO	1,608	608
D14	Yes	LFO	290	585
GT4	Yes	LFO	0	0
GT5	Yes	LFO	151	388
GT6	Yes	LFO	36	426
GT7	Yes	LFO	27	395
GT8	Yes	LFO	53	436

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



Generators Out of Service

November 2015

Unit	Category	Type	Forced Outage Details	Outage Date	Return Date
GT5	Auxilary Systems	FO (Postpone)	Unit forced out sue to lack of air supply. Both compressors require servicing. #1 Compressor second stage cooling relief valve blowing. #2 had a second stage head gasket blow and was replaced then run up, on return both safety valves blew.	11/01/15	11/16/15
E8	Main Engine	FO (Immediate)	E8 F/O exhaust leaks.	11/02/15	11/04/15
E7	Main Engine	MO	Unit out to repair valve seat lubricator leak	11/04/15	11/04/15
E1	Main Engine	FO (Postpone)	Cylinder # 5 Exhaust Valve Failure.	11/05/15	11/06/15
D14	Instrumentation & Control System	FO (Immediate)	Unit forced out due to Connecting Rod Failure Alarm caused from overfilling		11/06/15
E8	Auxilary Systems	MO	Cyl L.O. pump #2 replaced	11/07/15	11/08/15
E3	Main Engine	MO	hot crankshaft deflections	11/08/15	11/08/15
E3	Main Engine	FO (Immediate)	Fuel leak from cylinder 4R		11/11/15
D8	Main Engine	MO	Fuel injector replacement and SCW pump shaft replacement		11/14/15
E2	Main Engine	MO	Cyl#2 green spring replacement		11/14/15
E6	Instrumentation & Control System	MO	cylinder 5A thermocouple	11/14/15	11/15/15
E8	Auxilary Systems	MO	Unit out to replace o-ring on HTCW 3 way valve	11/16/15	11/17/15
E8	Auxilary Systems	FO (Immediate)	Unit tripped on Low Pressure HTCW.	11/17/15	11/17/15
E5	Main Engine	FO (Postpone)	Fuel Oil leak on return line flex pipe at free end	11/17/15	11/17/15
E5	Auxilary Systems	MO	Unit out to replace leaking seals on L/o Cy Lubricator lines Cy#5A.	11/17/15	11/17/15
E1	Auxilary Systems	MO	Unit out to replace cy#8 northern fuel injector	11/19/15	11/19/15
D10	Main Engine	МО	Unit to MO to replace Ped Bearing LO Sling Ring and the clean LO sep Bowl	11/24/15	11/24/15
E2	Instrumentation & Control System	FO (Immediate)	There was a brief fault to the 24vdc grounding system generated during the removal of E1 Lub oil separator controls. The 828 governor was affected and the unit tripped off load but remained running.		11/26/15
E5	Main Engine	МО	Unit to MO for Rad Fan rebalancing of Blades /HTCW Bypass v/v to be replaced / FO return flex line to be replaced	11/29/15	11/30/15
E5	Main Engine	FO (Immediate)	Cyl 1A fuel pump seals	11/30/15	12/01/15



Scheduled Generator Maintenance

January 2016

Generator	Maintenance Type	Outage Date	Return Date
E8	15K	01/04/16	01/11/16
E5	3K	01/12/16	01/18/16
E2	12K	01/18/16	02/15/16



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 28 February, 2016 has a maximum limit of \$41 million.