

A-17

Aid to Questioning #2: Demand Side Management Reductions

YECL 2013-2015 GRA Compliance Filing
Attachment 4

The Yukon Electrical Company Limited
2013-2015 General Rate Application
Refiling Updates to Sales and Purchase Power

Line No.	Board Direction #1 - Adjust 2014-2015 Residential and Commercial Sales Forecast	Ref	2013	2014	2015
1	Residential Sales (MWh)				
2	Forecast per Updates Filing October 31, 2013	Updates Filing, Attachment 1	148,010	150,531	153,101
3	Adjust 2014-2015 Forecast to Original Forecast Per Application			3,840	3,022
4		Application, Sch 2.1, L.3	148,010	154,381	157,023
5	Adjust Sales Forecast Based on Updated DSM Program (1)			3	0
6	Updated Forecast	Revised Sch 2.1, L.3	148,010	154,384	157,032
7	Year-Over-Year % Growth			4.3%	1.7%
8					
9	Commercial Sales				
10	Forecast per Updates Filing October 31, 2013 (MWh)	Updates Filing, Attachment 1	157,606	161,011	164,329
11	Adjust 2014-2015 Forecast to Original Forecast Per Application			4,084	4,210
12		Application, Sch 2.1, L.9	157,606	165,095	168,549
13	Adjust Sales Forecast Based on Updated DSM Program (2)			11	305
14	Updated Forecast	Revised Sch 2.1, L.9	157,606	165,106	168,853
15	Year-Over-Year % Growth			4.8%	2.3%
16					
17	Impact on Purchase Power				
18	Total Change in Forecast Sales (MWh)	L.3 + L.5 + L.11 + L.13	-	7,048	8,455
19	Losses	Application, Sch 3.2, L.4	6.2%	6.2%	6.2%
20	Change in Purchases (MWh)	L.18 x (1 + L.10)	-	8,440	8,970
21	Purchase Power Rate (\$ per kWh)	Application, Sch 3.1, L.6	0.0830	0.0830	0.0830
22		L.20 x L.21	-	700	745
23					
24	(1) DSM Impact on Residential Load Forecast (WL-YECL-8(a) Attachment 1)			(88)	(402)
25	Adjustment			3	0
26	Updated DSM Impact on Residential Load Forecast			(85)	(303)
27					
28	The adjustment is a result of the removal of the New-construction CCHP and GSHP Initiative from the residential DSM program, as that program did not achieve a RIM ratio of one after five years.				
29					
30					
31	(2) DSM Impact on Commercial Load Forecast (WL-YECL-8(a) Attachment 1)			(11)	(305)
32	Adjustment			11	305
33	Updated DSM Impact on Commercial Load Forecast			-	-
34					
35	The adjustment is a result of the exclusion of the commercial sector from the DSM program.				
36					
37	Board Direction #2 - Update WHCT Sales Forecast				
38					
39	Industrial Sales				
40	Forecast per Updates Filing October 31, 2013 (MWh)		1,025	4,020	4,020
41	Update Forecast		(1,025)	(4,020)	(4,020)
42	Updated Forecast		-	-	-
43					
44	Impact on Purchase Power				
45	Total Change in Forecast Sales (MWh)		(1,025)	(4,020)	(4,020)
46	Losses	Application, Sch 3.2, L.4	6.2%	6.2%	6.2%
47	Change in Purchases (MWh)	L.45 x (1 + L.46)	(1,088)	(4,008)	(4,008)
48	Purchase Power Rate (\$ per kWh)	Application, Sch 3.1, L.6	0.0830	0.0830	0.0830
49		L.47 x L.48	(0)	(407)	(407)

YUKON UTILITIES BOARD		
EXHIBIT A-17		
DAY	ENTERED BY	DATE
	YUB	Nov 1 / 16