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Commodity Expense

Step 1: **2021 Forecasted Commodity Prices**

Forecasted Commodity Prices — Table 1: Average RPP Supply Cost Summary*

			non-RPP	RPP
HOEP ($/MWh)	Load-Weighted Price for RPP Consumers		$20.87	$20.87
Global Adjustment ($/MWh)	Impact of the Global Adjustment		$109.47	$109.47
Adjustments ($/MWh)				$3.24
TOTAL ($/MWh)	Average Supply Cost for RPP Consumers			**$133.58**

Step 2: **Commodity Expense**

(volumes for the bridge and test year are loss adjusted)

Commodity

Customer		Revenue	Expense	2021 Test Year						
Class Name	UoM	USA #	USA #	Class A Non-RPP Volume**		Class B Non-RPP Volume**	Class B RPP Volume**	Average HOEP	Average RPP Rate	Amount
Residential	kWh	4006	4705			7,142,823	542,305,082	$ 0.02087	$ 0.13358	$72,590,184
General Service < 50kW	kWh	4010	4705			23,753,429	149,629,266	$ 0.02087	$ 0.13358	$20,483,211
General Service > 50kW	kWh	4035	4705	196,394,446		532,883,079	127,687,839	$ 0.02087	$ 0.13358	$32,276,563
Unmetered Scattered Load	kWh	4010	4705			-	3,221,920	$ 0.02087	$ 0.13358	$430,384
Street Lighting	kWh	4025	4705			5,736,145	46,259	$ 0.02087	$ 0.13358	$125,893
	kWh	4025	4705					$ 0.02087	$ 0.13358	$0
	kWh	4025	4705					$ 0.02087	$ 0.13358	$0
	kWh	4025	4705					$ 0.02087	$ 0.13358	$0
	kWh	4025	4705					$ 0.02087	$ 0.13358	$0
TOTAL										**$125,906,235**

Class A - non-RPP Global Adjustment

Customer		Revenue	Expense	2021 Test Year			
					kWh Volume	Hist. Avg GA/kWh ***	Amount
General Service > 50kW		4035	4707		196,394,446	$ 0.0806	$15,829,392
		4010	4707				$0
		4010	4707				$0
				-	196,394,446		**$15,829,392**

Class B - non-RPP Global Adjustment

Customer		Revenue	Expense	2021 Test Year						Amount
Class Name	UoM	USA #	USA #			Class B Non-RPP Volume			GA Rate/kWh	
Residential	kWh	4006	4707			7,142,823			$ 0.10947	$781,925
General Service < 50kW	kWh	4010	4707			23,753,429			$ 0.10947	$2,600,288
General Service > 50kW	kWh	4035	4707			532,883,079			$ 0.10947	$58,334,711
Unmetered Scattered Load	kWh	4010	4707			0			$ 0.10947	$0
Street Lighting	kWh	4025	4707			5,736,145			$ 0.10947	$627,936
	kWh	4025	4707			0			$ 0.10947	$0
	kWh	4025	4707			0			$ 0.10947	$0
	kWh	4025	4707			0			$ 0.10947	$0
Total Volume						**569,515,476**				
TOTAL										**$62,344,859**

*Regulated Price Plan Prices for the Period November 1, 2019 – October 31, 2020

** Enter 2021 load forecast data by class based on the most recent 12-month historic Class A and Class B RPP/Non-RPP proportions

*** Based on average $ GA per kWh billed to class A customers for most recent 12-month historical year.

Cost of Power Calculation

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1. Volumns for Electricity Commodity and Global Adjustment non-RPP in kWh
2. All Volume should be loss adjusted with the exception of:
 - Volume for Electricity Commodity, Wholesale Market Services, Class A and B should loss adjusted less WMP
 - Low Voltage Charges - No loss adjustment for kWh

Electricity Commodity	Units	2021 Test Year	RPP		2021 Test Year	non-RPP		Total	
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	$	
				-					
Residential	kWh	542,305,082		72,441,113	7,142,823		149,071		
General Service < 50kW	kWh	149,629,266		19,987,477	23,753,429		495,734		
General Service > 50kW	kWh	127,687,839		17,056,542	729,277,525		15,220,022		
Unmetered Scattered Load	kWh	3,221,920		430,384	-		-		
Street Lighting	kWh	46,259		6,179	5,736,145		119,713		
-		-		-	-		-		
-		-		-	-		-		
-		-		-	-		-		
-		-		-	-		-		
SUB-TOTAL		822,890,366		109,921,695	765,909,922		15,984,540	$ 125,906,235	OK

Global Adjustment non-RPP	Units								
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	Total	
Residential	kWh			0			781,925		
General Service < 50kW	kWh			0			2,600,288		
General Service > 50kW	kWh			0			74,164,103		
Unmetered Scattered Load	kWh			0			-		
Street Lighting	kWh			0			627,936		
				0			-		
				0					
				0					
				0					
SUB-TOTAL		0		0			78,174,252	$ 78,174,252	OK

Transmission - Network	Units							
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	Total
Residential	kWh	542,305,082	$ 0.0072	3,894,964	7,142,823	$ 0.0072	51,301	
General Service < 50kW	kWh	149,629,266	$ 0.0069	1,029,264	23,753,429	$ 0.0069	163,394	
General Service > 50kW	kW	349,264	$ 2.8371	990,892	1,918,681	$ 2.8371	5,443,461	
Unmetered Scattered Load	kWh	3,221,920	$ 0.0069	22,163	-	$ 0.0069	-	
Street Lighting	kW	124	$ 2.0733	257	15,404	$ 2.0733	31,938	
				-			-	
				-			-	
				-			-	
				-			-	
				-			-	
SUB-TOTAL				5,937,540			5,690,095	11,627,634

Transmission - Connection	Units							
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	Total
Residential	kWh	542,305,082	$ 0.0066	3,597,612	7,142,823	$ 0.0066	47,385	
General Service < 50kW	kWh	149,629,266	$ 0.0059	884,061	23,753,429	$ 0.0059	140,343	
General Service > 50kW	kW	349,264	$ 2.5910	904,930	1,918,681	$ 2.5910	4,971,232	
Unmetered Scattered Load	kWh	3,221,920	$ 0.0059	19,036	-	$ 0.0059	-	
Street Lighting	kW	124	$ 1.8439	229	15,404	$ 1.8439	28,404	
				-			-	
				-			-	
				-			-	
				-			-	
SUB-TOTAL				5,405,868			5,187,364	10,593,232

Wholesale Market Service	Units							
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	Total
Residential	kWh	542,305,082	$ 0.0030	1,626,915	7,142,823	$ 0.0030	21,428	
General Service < 50kW	kWh	149,629,266	$ 0.0030	448,888	23,753,429	$ 0.0030	71,260	
General Service > 50kW	kWh	127,687,839	$ 0.0030	383,064	729,277,525	$ 0.0030	2,187,833	
Unmetered Scattered Load	kWh	3,221,920	$ 0.0030	9,666	-	$ 0.0030	-	
Street Lighting	kWh	46,259	$ 0.0030	139	5,736,145	$ 0.0030	17,208	
				-			-	
				-			-	
				-			-	
				-			-	
SUB-TOTAL				2,468,671			2,297,730	4,766,401

Class A CBR	Units							
Class per Load Forecast		Volume	Rate	$	Volume	Rate[4]	$	Total
Residential				-			-	
General Service < 50kW				-			-	
General Service > 50kW	kWh			-	196,394,446	$ 0.0002	39,279	
Unmetered Scattered Load				-			-	
Street Lighting				-			-	
				-			-	
				-			-	
				-			-	

				-			-	
SUB-TOTAL				-			39,279	39,279
Class B CBR	**Units**							
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	Total
Residential	kWh	542,305,082	$ 0.0004	216,922	7,142,823	$ 0.0004	2,857	
General Service < 50kW	kWh	149,629,266	$ 0.0004	59,852	23,753,429	$ 0.0004	9,501	
General Service > 50kW	kWh	127,687,839	$ 0.0004	51,075	532,883,079	$ 0.0004	213,153	
Unmetered Scattered Load	kWh	3,221,920	$ 0.0004	1,289	-	$ 0.0004	-	
Street Lighting	kWh	46,259	$ 0.0004	19	5,736,145	$ 0.0004	2,294	
				-			-	
				-			-	
				-			-	
				-			-	
SUB-TOTAL				329,156			227,806	556,962
RRRP	**Units**							
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	Total
Residential	kWh	542,305,082	$ 0.0005	271,153	7,142,823	$ 0.0005	3,571	
General Service < 50kW	kWh	149,629,266	$ 0.0005	74,815	23,753,429	$ 0.0005	11,877	
General Service > 50kW	kWh	127,687,839	$ 0.0005	63,844	729,277,525	$ 0.0005	364,639	
Unmetered Scattered Load	kWh	3,221,920	$ 0.0005	1,611	-	$ 0.0005	-	
Street Lighting	kWh	46,259	$ 0.0005	23	5,736,145	$ 0.0005	2,868	
				-			-	
				-			-	
				-			-	
				-			-	
SUB-TOTAL				411,445			382,955	794,400
Low Voltage - No TLF adjustment	**Units**							
Class per Load Forecast		Volume	Rate	$	Volume	Rate	$	Total
Residential				-			-	
General Service < 50kW				-			-	
General Service > 50kW				-			-	
Unmetered Scattered Load				-			-	
Street Lighting				-			-	
				-			-	
				-			-	
				-			-	
				-			-	
SUB-TOTAL				-			-	-
Smart Meter Entity Charge								
Class per Load Forecast		Customers	Rate	$	Customers	Rate	$	Total
Residential		61,311	$ 0.57	419,367	745	$ 0.57	5,096	
General Service < 50kW		5,147	$ 0.57	35,205	417	$ 0.57	2,852	
				-			-	
SUB-TOTAL				454,573			7,948	462,521
SUB- TOTAL				124,928,948			107,991,968	232,920,916
OER CREDIT[3]	33.20%			(41,476,411)			0	(41,476,411)
TOTAL				**83,452,537**			**107,991,968**	**191,444,505**

3.The OER Credit of 31.8% will only apply to RPP proportion of the listed components. Impacts on distribution charges are excluded for the purpose of calculating the cost of power.
4. Class A CBR: use the average CBR per kWh, similar to how the Class A GA cost is calculated. A Class A customer is a customer who participate in the ICI, pays global adjustment (GA) based on their percentage contribution to the top five peak Ontario demand hours over a 12-month period

2021 Test Year - Cop	
4705 -Power Purchased	$ 125,906,235
4707- Global Adjustment	$ 78,174,252
4708-Charges-WMS	$ 6,157,042
4714-Charges-NW	$ 11,627,634
4716-Charges-CN	$ 10,593,232
4750-Charges-LV	$ -
4751-IESO SME	$ 462,521
Misc A/R or A/P	$ (41,476,411)
TOTAL	**$ 191,444,505**