

Table 3-1: Summary of Operating Revenue

Description	2012 Actual	2013 Actual	2014 Actual
<u>Distribution Revenues</u>			
Residential	875,287	1,154,071	1,216,395
General Service < 50 kW	345,854	420,112	327,877
General Service 50 to 4,999 kW	186,096	238,049	244,357
Sentinel Lighting	1,246	2,122	1,994
Street Lighting	49,588	72,797	73,253
Unmetered Scattered Load	3,310	4,350	5,668
Distribution Revenue	1,461,380	1,891,501	1,869,544
<u>Other Revenue</u>			
SSS Admin Charges	12,342	12,412	10,912
Late Payment Charges	6,421	15,411	19,622
Specific Service Charges	68,517	74,156	64,048
Other Distribution Revenue	44,765	46,109	44,366
Other Income and Expenses	19,665	13,274	15,790
Other Revenue	151,710	161,362	154,738
Total Operating Revenue	1,613,090	2,052,864	2,024,282

Table 3-2: Summary of Load and Customer/Connection Forecast

Year	Billed (GWh)	Growth (GWh)
Billed Energy (GWh) and Customer Count / Connections		
2012 Board Approved	62.2	
2010 Actual	60.8	
2011 Actual	61.4	0.6
2012 Actual	60.3	(1.1)
2013 Actual	61.4	1.1
2014 Actual	61.2	(0.2)

2015 Actual	58.5	(2.7)
2016 Actual	56.5	(2.1)
2017 Actual	54.9	(1.6)
2018 Actual	57.1	2.2
2019 Actual	57.5	0.4
2020 Bridge - Projected*	58.9	1.4
2021 Test - Normalized	58.7	(0.2)
*the 2020 projection for Streetlights results in a drop of 263 connections. This is due to a cha		

Table 3-3: Billed Energy and Number of Customers / Connections by Rate

Year	Residential	General Service < 50 kW
Billed Energy (GWh)		
2012 Board Approved	32.7	11.3
2010 Actual	31.2	11.6
2011 Actual	31.7	11.9
2012 Actual	30.8	11.7
2013 Actual	32.6	11.2
2014 Actual	32.9	10.7
2015 Actual	31.0	10.4
2016 Actual	29.5	10.1
2017 Actual	28.9	9.9
2018 Actual	31.1	10.2
2019 Actual	31.8	10.3
2020 Bridge - Normalized	32.7	10.4
2021 Test - Normalized	32.6	10.2

Table 3-4: Number of Customers/Connections

Number of Customers/Connections		
2012 Board Approved	2,847	425

2010 Actual	2,850	425
2011 Actual	2,847	425
2012 Actual	2,857	402
2013 Actual	2,858	401
2014 Actual	2,857	402
2015 Actual	2,856	406
2016 Actual	2,861	393
2017 Actual	2,872	388
2018 Actual	2,888	388
2019 Actual	2,901	380
2020 Bridge - Normalized	2,905	375
2021 Test - Normalized	2,910	369

Table 3-5: Weather Corrected Forecast

Year	Total	Residential
2020	58,878,258	32,702,467
2021	58,793,724	32,706,054
USED	58,677,605	32,639,692

Table 3-6: Annual Usage per Customer/Connection by Rate Class

Year	Residential	General Service < 50 kW
Energy Usage per Customer/Connection (kWh per customer/connection)		
2012 Board Approved	11,479	26,508
2010 Actual	10,957	27,231
2011 Actual	11,135	28,069
2012 Actual	10,766	29,180
2013 Actual	11,409	27,911
2014 Actual	11,512	26,736

2015 Actual	10,842	25,601
2016 Actual	10,303	25,757
2017 Actual	10,055	25,555
2018 Actual	10,753	26,343
2019 Actual	10,954	27,018
2020 Bridge - Normalized	11,256	27,739
2021 Test - Normalized	11,216	27,618

Table 3-7: Statistcial Results

Statistic	Value
R Square	91.5%
Adjusted R Square	91.2%
F Test	309.8
MAPE (Monthly)	4.9%
T-stats by Coefficient	
Heating Degree Days	26.4
Cooling Degree Days	3.8
Spring Fall Flag	(5.4)
Constant	0.9

Table 3-8: Total System Purchases

Year	Actual	Predicted
Purchased Energy (GWh)		
2010	64.8	61.6
2011	66.4	62.7
2012	63.3	61.6
2013	63.6	62.9
2014	65.4	64.3
2015	61.1	63.2
2016	59.8	62.6
2017	59.5	62.1
2018	61.8	63.8
2019	62.1	62.8
2020 - Bridge		62.8
2021 - Test		62.6

2021 - 20 year trend		62.9
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Table 3-9: Historical Customer/Connection Data

Year	Residential	General Service < 50 kW
Number of Customers/Connections		
2010	2,850	425
2011	2,847	425
2012	2,857	402
2013	2,858	401
2014	2,857	402
2015	2,856	406
2016	2,861	393
2017	2,872	388
2018	2,888	388
2019	2,901	380
2020	2,905	375
2021	2,910	369

Table 3-10: Growth Rate in Customer/Connections

Year	Residential	General Service < 50 kW
Growth Rate in Customers/Connections		
2010		
2011	(0.1%)	0.0%
2012	0.4%	(5.4%)
2013	0.0%	(0.2%)
2014	(0.0%)	0.2%
2015	(0.0%)	1.0%
2016	0.2%	(3.2%)
2017	0.4%	(1.3%)
2018	0.6%	0.0%
2019	0.5%	(2.1%)
2020	0.1%	(1.4%)

2021	0.2%	(1.5%)
Geo Mean - 2010 to 2019	0.15%	(1.4%)

Table 3-11: Customer/Connection Forecast

Year	Residential	General Service < 50 kW
Forecast number of Customers/Connections		
2020 Bridge	2,905	375
2021 Test	2,910	369

Table 3-12: Historical Annual Usage per Customer

Year	Residential	General Service < 50 kW
Annual kWh Usage Per Customer/Connection		
2010	10,957	27,231
2011	11,135	28,069
2012	10,766	29,180
2013	11,409	27,911
2014	11,512	26,736
2015	10,842	25,601
2016	10,303	25,757
2017	10,055	25,555
2018	10,753	26,343
2019	10,954	27,018
2020	11,256	27,739
2021	11,216	27,618

Table 3-13: Forecast Annual kWh Usage per Customer/Connection

Year	Residential	General Service < 50 kW
Forecast Annual kWh Usage per Customers/Connection		
2020	11,256	27,739
2021	11,216	27,618

Table 3-14: Non-normalized Weather Billed Energy Forecast

Year	Residential	General Service < 50 kW
NON-normalized Weather Billed Energy Forecast (GWh)		
2020 Bridge	31.8	10.1
2021 Test	31.9	10.0

Table 3-15: Weather Sensitivity by Rate Class

Residential	General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights
Weather Sensitivity			
93%	85%	0%	0%

Table 3-16: Historical Annual kW per Applicable Rate Class

Year	General Service 50 to 4,999 kW	Sentinel Lighting
Billed Annual kW		
2010	43,226	72
2011	40,289	72
2012	42,772	72
2013	42,806	72
2014	40,172	72
2015	41,215	72
2016	41,067	72
2017	39,273	67
2018	38,317	67
2019	37,232	67

Table 3-17: Historical kW/KWh Ratio per Applicable Rate Class

Year	General Service 50 to 4,999 kW	Sentinel Lighting
Ratio of kW to kWh		
2010	0.2519%	0.2869%

2011	0.2377%	0.2782%
2012	0.2510%	0.2799%
2013	0.2540%	0.2794%
2014	0.2350%	0.2794%
2015	0.2472%	0.2919%
2016	0.2507%	0.2931%
2017	0.2519%	0.2778%
2018	0.2495%	0.2778%
2019	0.2490%	0.2778%
Average 2010 to 2019	0.2478%	0.2822%
Used	0.2490%	0.2778%

Table 3-18: kW Forecast by Applicable Rate Class

Year	General Service 50 to 4,999 kW	Sentinel Lighting
Predicted Billed kW		
2020 Bridge	38,397	67
2021 Test	38,559	67

Table 3-19: Summary of Total Forecast

	2012 Actual
Actual kWh Purchases	63,284,545
Predicted kWh Purchases	61,624,254
% Difference between actual and predicted purchases	(5.0%)
Loss Factor	
Residential	
Customers	2,857
kWh	30,758,632
General Service < 50 kW	
Customers	402

kWh		11,730,167
General Service 50 to 4,999 kW		
Customers		29
kWh		17,041,535
kW		42,772
Street Lighting		
Connections		1,048
kWh		618,217
kW		1,728
Sentinel Lighting		
Connections		26
kWh		25,725
kW		72
Unmetered Scattered Load		
Customers		21
kWh		131,160
Total		
Customer/Connections		4,383
kWh		60,305,436
kW from applicable classes		44,572

Table 3-20 Billing Determinants - 2012 Actual vs 2012 Board Approved

	Customer/Connecti	
Billing Determinants	2012 Board Approved	2012 Actual
Residential	2,847	2,857
General Service < 50 kW	425	402
General Service 50 to 2,999 kW	27	29
Sentinel Lighting	26	26
Street Lighting	1,053	1,048
Unmetered Scattered Load	32	21
Total	4,410	4,383

Total Percentage Difference		
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Table 3-21: Average Consumption - 2012 Actual vs 2012 Board Approved

Average Consumption or Demand per Customer/Connection	kWh/kW	2012 Board Approved (normalized)	2012 Weather
			Average
Residential	kWh	11,706	10,766
General Service < 50 kW	kWh	27,031	29,180
General Service 50 to 2,999 kW	kW	658,782	587,639
Sentinel Lighting	kW	948	989
Street Lighting	kW	603	590
Unmetered Scattered Load	kWh	6,797	6,246
Total			

Table 3-22 Billing Determinants - 2017 Actual vs 2018 Actual

	Customer/Connections	
Billing Determinants	2017 Actual	2018 Actual
Residential	2,872	2,888
General Service < 50 kW	388	388
General Service 50 to 4,999 kW	28	27
Sentinel Lighting	25	25
Street Lighting	1,065	1,062
Unmetered Scattered Load	21	21
Total	4,399	4,411
Total Percentage Difference		

Table 3-23: Average Consumption - 2017 Actual vs 2018 Actual

Average Consumption or Demand per	kWh/kW	Weather - Actual	
		2017	2018
Residential	kWh	10,054.69	10,752.82
General Service < 50 kW	kWh	25,555.12	26,342.91
General Service 50 to 2,999 kW	kW	556,818.39	568,780.88
Sentinel Lighting	kW	969.40	969.41
Street Lighting	kW	320.22	321.13
Unmetered Scattered Load	kWh	5,887.43	5,887.43

Table 3-24: Billing Determinants - 2018 Actual vs 2019 Actual

	Customer/Connecti	
Billing Determinants	2018 Actual	2019 Actual
Residential	2,888	2,901
General Service < 50 kW	388	380
General Service 50 to 4,999 kW	27	28
Sentinel Lighting	25	25
Street Lighting	1,062	1,062
Unmetered Scattered Load	21	21
Total	4,411	4,417
Total Percentage Difference		

Table 3-25: Average Consumption - 2018 Actual vs 2019 Actual

Average Consumption or Demand per	kWh/kW	Weather - Actual	
		2018	2019
Residential	kWh	10,752.82	10,954.00
General Service < 50 kW	kWh	26,342.91	27,017.94
General Service 50 to 2,999 kW	kW	568,780.88	533,912.18
Sentinel Lighting	kW	969.41	969.41
Street Lighting	kW	321.13	321.13
Unmetered Scattered Load	kWh	5,887.43	5,887.43

Table 3-26 Billing Determinants - 2019 Actual vs 2020 Bridge

	Customer/Connecti	
Billing Determinants	2019 Actual	2020 Bridge
Residential	2,901	2,905
General Service < 50 kW	380	375
General Service 50 to 4,999 kW	28	29
Sentinel Lighting	25	25
Street Lighting	1,062	799
Unmetered Scattered Load	21	21
Total	4,417	4,154
Total Percentage Difference		

Table 3-27: Average Consumption - 2019 Actual vs 2020 Bridge

Average Consumption or Demand per	kWh/kW	Weather - Actual	
		2019	2020
Residential	kWh	10,954.00	11,256.00
General Service < 50 kW	kWh	27,017.94	27,739.37
General Service 50 to 2,999 kW	kW	533,912.18	532,405.11
Sentinel Lighting	kW	969.41	969.86
Street Lighting	kW	321.13	281.50
Unmetered Scattered Load	kWh	5,887.43	5,682.59

Table 3-30: Billing Determinants - 2012 Board Approved vs 2021 Test Year

	Customer/Connectivity	
Billing Determinants	2012 Board Approved	2021 Test
Residential	2,847	2,910
General Service < 50 kW	425	369
General Service 50 to 4,999 kW	27	30
Sentinel Lighting	26	25
Street Lighting	1,053	799
Unmetered Scattered Load	32	21
Total	4,410	4,154
Total Percentage Difference		

Table 3-31: Average Consumption - 2012 Board Approved vs 2021 Test Year

Average Consumption or Demand per	kWh/kW	Weather - Actual	
		2012	2021
Residential	kWh		
General Service < 50 kW	kWh		
General Service 50 to 2,999 kW	kW		
Sentinel Lighting	kW		
Street Lighting	kW		
Unmetered Scattered Load	kWh		

Table 3-28 Billing Determinants - 2020 Bridge vs 2021 Test

	Customer/Connectivity
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Billing Determinants	2020 Bridge	2021 Test
Residential	2,905	2,910
General Service < 50 kW	375	369
General Service 50 to 4,999 kW	29	30
Sentinel Lighting	25	25
Street Lighting	799	799
Unmetered Scattered Load	21	21
Total	4,154	4,154
Total Percentage Difference		

Table 3-29: Average Consumption - 2020 Bridge vs 2021 Test Year

Average Consumption or Demand per	kWh/kW	Weather - Actual	
		2020	2021
Residential	kWh		
General Service < 50 kW	kWh		
General Service 50 to 2,999 kW	kW		
Sentinel Lighting	kW		
Street Lighting	kW		
Unmetered Scattered Load	kWh		

Table 3-32: 2020 Distribution Revenue At Existing Rates

Class	Annual kWh	annual kW	Annualized Customer/Connections
Residential	32,702,467	-	2,905
General Service < 50 kW	10,389,919	-	375
General Service 50 to 2,999 kW	15,417,468	38,397	29
Sentinel Lighting	24,151	67	25
Street Lighting	224,919	660	799
Unmetered Scattered Load	119,334	-	21
Total			

Table 3-33: 2021 Distribution Revenue At Existing Rates

Class	Annual kWh	annual kW	Annualized Customer/ Connections
Residential	32,639,692	-	2,910
General Service < 50 kW	10,191,190	-	369
General Service 50 to 2,999 kW	15,482,365	38,559	30
Sentinel Lighting	24,258	67	25
Street Lighting	224,919	660	799
Unmetered Scattered Load	115,182	-	21
Total			

Table 3-34: 2021 Distribution Revenue At Proposed Rates

Class	Annual kWh	annual kW	Annualized Customer/ Connections
Residential	32,639,692	-	2,910
General Service < 50 kW	10,191,190	-	369
General Service 50 to 2,999 kW	15,482,365	38,559	30
Sentinel Lighting	24,258	67	25
Street Lighting	224,919	660	799
Unmetered Scattered Load	115,182	-	21
Total			

2015 Actual	2016 Actual	2017 Actual		2018 Actual
1,098,835	1,019,616	973,236		1,026,251
330,318	327,422	327,071		317,076
224,278	224,257	217,052		211,545
1,938	2,011	1,999		1,992
56,895	52,999	53,023		52,947
5,434	5,464	5,464		5,464
1,717,699	1,631,770	1,577,845		1,615,275
10,257	10,372	10,418		10,543
23,594	12,688	11,050		10,071
39,562	39,350	37,568		33,631
44,167	45,311	43,810		44,304
6,471	7,151	45,508		72,074
124,051	114,872	148,353		170,623
1,841,750	1,746,641	1,726,198		1,785,897

Percent Change	Customer/ Connection Count	Growth		Percent Change (%)
	4,410			
	4,392			
1.0%	4,392	0.0		0.0%
(1.8%)	4,383	(9.0)		(0.2%)
1.9%	4,400	17.0		0.4%
(0.3%)	4,399	(1.0)		(0.0%)

(4.4%)	4,402	3.0		0.1%
(3.6%)	4,395	(7.0)		(0.2%)
(2.8%)	4,399	4.0		0.1%
4.1%	4,411	12.0		0.3%
0.6%	4,417	6.0		0.1%
2.4%	4,154	(263.2)		(6.0%)
(0.3%)	4,154	0.2		0.0%
nge in methodology from number of devices to number of connections.				

Class

General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
17.4	0.0242	0.6		0.2
17.2	0.025	0.6		0.2
16.9	0.026	0.6		0.2
17.0	0.026	0.6		0.1
16.9	0.026	0.6		0.1
17.1	0.026	0.4		0.1
16.7	0.025	0.4		0.1
16.4	0.025	0.3		0.1
15.6	0.024	0.3		0.1
15.4	0.024	0.3		0.1
14.9	0.024	0.3		0.1
15.4	0.024	0.2		0.1
15.5	0.024	0.2		0.1

27	26	1,053		32

25	26	1,045		21
25	26	1,048		21
29	26	1,048		21
29	27	1,064		21
29	26	1,064		21
29	26	1,064		21
29	26	1,065		21
28	25	1,065		21
27	25	1,062		21
28	25	1,062		21
29	25	799		21
30	25	799		21

General Service < 50 kW	General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights	Unmetered Scattered Load
10,389,919	15,417,468	24,151	224,919	119,334
10,211,911	15,511,400	24,258	224,919	115,182
10,191,190	15,482,365	24,258	224,919	115,182

General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
646,029	929	592		6,665
686,415	965	589		8,097
677,947	995	585		8,089
587,639	989	590		6,246
581,036	954	580		6,292
589,376	991	346		5,887

574,816	949	348		5,887
564,761	945	321		5,887
556,818	969	320		5,887
568,781	969	321		5,887
533,912	969	321		5,887
532,405	970	282		5,683
516,079	970	282		5,485

% Difference	Predicted Weather Normal	Weather Normal Conversion Factor		Actual Wether Normal
(5.0%)	62.8	1.019		66.0
(5.5%)	62.8	1.000		66.4
(2.6%)	62.8	1.020		64.5
(1.1%)	62.8	0.998		63.5
(1.5%)	62.8	0.975		63.7
3.4%	62.8	0.993		60.7
4.7%	62.8	1.004		60.0
4.4%	62.8	1.010		60.1
3.3%	62.8	0.983		60.8
1.1%	62.8	1.000		62.0
	62.8	1.000		
	62.6	1.000		

	62.9	1.000		
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General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
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25	26	1,045		21
25	26	1,048		21
29	26	1,048		21
29	27	1,064		21
29	26	1,064		21
29	26	1,064		21
29	26	1,065		21
28	25	1,065		21
27	25	1,062		21
28	25	1,062		21
29	25	799		21
30	25	799		21

General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
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0.0%	0.0%	0.3%		0.0%
16.0%	0.0%	0.0%		0.0%
0.0%	3.8%	1.5%		0.0%
0.0%	(3.7%)	0.0%		0.0%
0.0%	0.0%	0.0%		0.0%
0.0%	0.0%	0.1%		0.0%
(3.4%)	(3.8%)	0.0%		0.0%
(3.6%)	0.0%	(0.3%)		0.0%
3.7%	0.0%	0.0%		0.0%
3.4%	(0.4%)	(24.8%)		0.0%

3.6%	0.4%	0.0%		0.0%
3.4%	(0.4%)	0.2%		0.0%

General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
29	25	799		21
30	25	799		21

General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
686,415	965	589		8,097
677,947	995	585		8,089
587,639	989	590		6,246
581,036	954	580		6,292
589,376	991	346		5,887
574,816	949	348		5,887
564,761	945	321		5,887
556,818	969	320		5,887
568,781	969	321		5,887
533,912	969	321		5,887
532,405	970	282		5,683
516,079	970	282		5,485

General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
532,405	970	282		5,683
516,079	970	282		5,485

General Service 50 to 4,999 kW	Sentinel Lighting	Street Lights		Unmetered Scattered Load
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15.0	0.0	0.2		0.1
15.1	0.0	0.2		0.1

	Unmetered Scattered Load
	0%

Street Lights	TOTAL	General Service 50 to 4,999 kW		Sentinel Lighting
1,728	45,026	44,047		73
1,728	42,089	41,054		73
1,728	44,572	43,584		73
1,728	44,606	43,619		73
1,070	41,314	40,935		73
1,040	42,327	41,998		73
1,082	42,221	41,847		73
1,082	40,422	40,019		69
1,082	39,466	39,044		69
1,082	38,381	37,939		69

Street Lights
0.2806%

0.2816%
0.2795%
0.2800%
0.2903%
0.2805%
0.3160%
0.3172%
0.3172%
0.3172%
0.2960%
0.2934%

Street Lights	TOTAL
660	39,124
660	39,286

2013 Actual	2014 Actual	2015 Actual		2016 Actual
63,602,962	65,352,027	61,104,721		59,794,104
62,892,004	64,340,114	63,174,013		62,605,890
(5.5%)	(2.6%)	(1.1%)		(1.5%)

2,858	2,857	2,856		2,861
32,605,812	32,890,577	30,963,982		29,475,507

401	402	406		393
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11,192,454	10,747,812	10,393,804		10,122,403
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29	29	29		29
16,850,053	17,091,907	16,669,657		16,378,057
42,806	40,172	41,215		41,067

1,064	1,064	1,064		1,065
617,088	368,606	370,752		342,285
1,728	1,070	1,040		1,082

27	26	26		26
25,771	25,771	24,668		24,566
72	72	72		72

21	21	21		21
132,130	123,636	123,636		123,636

4,400	4,399	4,402		4,395
61,423,308	61,248,309	58,546,499		56,466,454
44,606	41,314	42,327		42,221

ons	kWh			kV
Difference	2012 Board Approved	2012 Actual	Volumetric Difference (kwh)	2012 Board Approved
10	32,680,721	30,758,632	-1,922,089	
(23)	11,265,899	11,730,167	464,268	
2	17,442,772	17,041,535	-401,237	44,045
0	24,161	25,725	1,564	66
(5)	623,166	618,217	-4,949	1,766
(11)	213,280	131,160	-82,120	
-27	62,249,999	60,305,436	-1,944,563	45,877

-0.6%			-3.1%	
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er Actual	2012 Actual Weather-Normalized	
Variance	Average	Variance
-8.0%	10,979	-6.2%
7.9%	29,756	10.1%
-10.8%	599,240	-9.0%
4.4%	1,009	6.5%
-2.3%	602	-0.3%
-8.1%	6,369	-6.3%

ons	kWh			kV
Difference	2017 Actual	2018 Actual	Volumetric Difference (kwh)	2017 Actual
16	28,877,056	31,054,130	2,177,075	
0	9,915,385	10,221,050	305,665	
(1)	15,590,915	15,357,084	-233,831	39,273
0	24,235	24,235	0	67
(3)	341,037	341,037	0	1,082
0	123,636	123,636	0	
12	54,872,263	57,121,172	2,248,909	40,422
0.3%			4.1%	

	Weather Normalized		
Variance	2017	2018	Variance
6.9%	10,156.21	10,568.47	4.1%
3.1%	25,813.15	25,891.29	0.3%
2.1%	562,440.77	559,029.74	-0.6%
0.0%	979.19	952.79	-2.7%
0.3%	323.46	315.62	-2.4%
0.0%	5,946.88	5,786.49	-2.7%

ons	kWh			kV
Difference	2018 Actual	2019 Actual	Volumetric Difference (kwh)	2018 Actual
13	31,054,130	31,777,563	723,433	
(8)	10,221,050	10,266,816	45,766	
1	15,357,084	14,949,541	-407,543	38,317
0	24,235	24,235	0	67
0	341,037	341,037	0	1,082
0	123,636	123,636	0	
6	57,121,172	57,482,828	361,656	39,466
0.1%			0.6%	

I	Weather Normalized		
Variance	2018	2019	Variance
1.9%	10,568.47	10,951.99	3.6%
2.6%	25,891.29	27,012.98	4.3%
-6.1%	559,029.74	533,814.18	-4.5%
0.0%	952.79	969.23	1.7%
0.0%	315.62	321.07	1.7%
0.0%	5,786.49	5,886.35	1.7%

ons	kWh			kV
Difference	2019 Actual	2020 Bridge	Volumetric Difference (kwh)	2019 Actual
4	31,777,563	32,702,467	924,904	
(5)	10,266,816	10,389,919	123,103	
1	14,949,541	15,417,468	467,927	37,232
(0)	24,235	24,151	-84	67
(263)	341,037	224,919	-116,118	1,082
0	123,636	119,334	-4,302	
-263	57,482,828	58,878,258	1,395,430	38,381
-6.0%			2.4%	

	Weather Normalized		
Variance	2019	2020	Variance
2.8%	10,951.99	11,256.00	2.8%
2.7%	27,012.98	27,739.37	2.7%
-0.3%	533,814.18	532,405.11	-0.3%
0.0%	969.23	969.86	0.1%
-12.3%	321.07	281.50	-12.3%
-3.5%	5,886.35	5,682.59	-3.5%

ons	kWh			kV
Difference	2012 Board Approved	2021 Test	Volumetric Difference (kwh)	2012 Board Approved
63	32,680,721	32,639,692	-41,029	
(56)	11,265,899	10,191,190	-1,074,709	
3	17,442,772	15,482,365	-1,960,407	44,045
(1)	24,161	24,258	96	66
(254)	623,166	224,919	-398,248	1,766
(11)	213,280	115,182	-98,098	
-256	62,249,999	58,677,605	(3,572,394)	45,877
-5.8%			-5.7%	

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	Weather Normalized		
Variance	2012	2021	Variance
	11,705.61	11,216.39	-4.2%
	27,031.29	27,618.40	2.2%
	658,781.70	516,078.84	-21.7%
	947.63	970.30	2.4%
	603.48	281.50	-53.4%
	6,796.58	5,484.88	-19.3%

ons	kWh		kV
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Difference	2020 Bridge	2021 Test	Volumetric Difference (kwh)	2020 Bridge
5	32,702,467	32,639,692	-62,776	
(6)	10,389,919	10,191,190	-198,729	
1	15,417,468	15,482,365	64,897	38,397
0	24,151	24,258	106	67
0	224,919	224,919	0	660
0	119,334	115,182	-4,152	
0	58,878,258	58,677,605	(200,653)	39,124
0.0%			-0.3%	

I	Weather Normalized		
Variance	2020	2021	Variance
	11,256.00	11,216.39	-0.4%
	27,739.37	27,618.40	-0.4%
	532,405.11	516,078.84	-3.1%
	969.86	970.30	0.0%
	281.50	281.50	0.0%
	5,682.59	5,484.88	-3.5%

Monthly Fixed Charge	Volumetric Charge	Dist Rev Including transformer Allowance	Transformer Allowance	Distribution Revenue
14.07	0.017	1,046,478.78		1,046,479
25.22	0.0207	328,426.61		328,427
196.43	3.7949	213,972.03	6941	207,031
2.14	17.2571	1,802.31		1,802
1.99	25.0801	35,632.99		35,633
12.26	0.0157	4,963.07		4,963
		1,631,276		1,624,335

Monthly Fixed Charge	Volumetric Charge	Dist Rev Including transformer Allowance	Transformer Allowance	Distribution Revenue
14.07	0.017	1,046,199.16		1,046,199
25.22	0.0207	322,631.79		322,632
196.43	3.7949	217,041.19	6941	210,101
2.14	17.2571	1,804.82		1,805
1.99	25.0801	35,632.99		35,633
12.26	0.0157	4,897.88		4,898
		1,628,208		1,621,267

Monthly Fixed Charge	Volumetric Charge	Dist Rev Including transformer Allowance	Transformer Allowance	Distribution Revenue
22.77	0.0180	1,382,643		1,382,643
32.22	0.0264	411,718		411,718
229.37	4.4011	252,274	6941	245,333
3.40	27.4341	2,869		2,869
1.29	16.2041	23,070		23,070
15.66	0.0201	6,261		6,261
		2,078,834		2,071,893

2019 Actual	2020 Bridge	2021 Test Year - Existing Rates	2021 Test Year - Proposed Rates
1,026,295	1,046,479	1,046,199	1,381,388
329,968	328,427	322,632	412,129
206,720	213,972	217,041	245,332
1,992	1,802	1,805	2,869
52,944	35,633	35,633	23,029
5,464	4,963	4,898	6,257
1,623,383	1,631,276	1,628,208	2,071,003
10,598	10,500	10,500	10,500
11,797	12,000	10,000	10,000
35,872	15,050	15,050	15,050
47,525	48,774	95,866	95,866
128,673	70,000	70,000	70,000
234,465	156,324	201,416	201,416
1,857,848	1,787,600	1,829,624	2,272,419

Total
62.2
60.8
61.4
60.3
61.4
61.2
58.5
56.5
54.9
57.1
57.5
58.9
58.7

4,410

4,392
4,392
4,383
4,400
4,399
4,402
4,395
4,399
4,411
4,417
4,154
4,154

Total
4,392
4,392
4,383
4,400
4,399
4,402
4,395
4,399
4,411
4,417
4,154
4,154

Total
4,154
4,154

TOTAL
57.3
57.3

Street Lights	TOTAL
1,761	45,881
1,761	42,888
1,761	45,418
1,761	45,453
1,090	42,099
1,060	43,131
1,102	43,022
1,102	41,190
1,102	40,215
1,102	39,109

2017 Actual	2018 Actual	2019 Actual	2020 Bridge	2021 Test
59,491,335	61,810,133	62,050,761		
62,123,262	63,845,097	62,762,062	62,840,765	62,626,608
3.4%	4.7%	4.4%		
			1.0673	1.0673
2,872	2,888	2,901	2,905	2,910
28,877,056	31,054,130	31,777,563	32,702,467	32,639,692
388	388	380	375	369

9,915,385	10,221,050	10,266,816	10,389,919	10,191,190
28	27	28	29	30
15,590,915	15,357,084	14,949,541	15,417,468	15,482,365
39,273	38,317	37,232	38,397	38,559
1,065	1,062	1,062	799	799
341,037	341,037	341,037	224,919	224,919
1,082	1,082	1,082	660	660
25	25	25	25	25
24,235	24,235	24,235	24,151	24,258
67	67	67	67	67
21	21	21	21	21
123,636	123,636	123,636	119,334	115,182
4,399	4,411	4,417	4,154	4,154
54,872,263	57,121,172	57,482,828	58,878,258	58,677,605
40,422	39,466	38,381	39,124	39,286

V	
2012 Actual	Volumetric Difference
	0
	0
42,772	(1,273)
72	6
1,728	(38)
	0
44,572	-1,305

	-2.8%
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V	
2018 Actual	Volumetric Difference
	0
	0
38,317	(956)
67	0
1,082	0
	0
39,466	(956)
	-2.4%

V	
2019 Actual	Volumetric Difference
	0
	0
37,232	(1,085)
67	0
1,082	0
	0
38,381	(1,085)
	-2.7%

V	
2020 Bridge	Volumetric Difference
	0
	0
38,397	1,165
67	0
660	(422)
	0
39,124	744
	1.9%

V	
2021 Test	Volumetric Difference
0	0
	0
38,559	(5,486)
67	1
660	(1,106)
	0
39,286	-6,591
	-14.4%

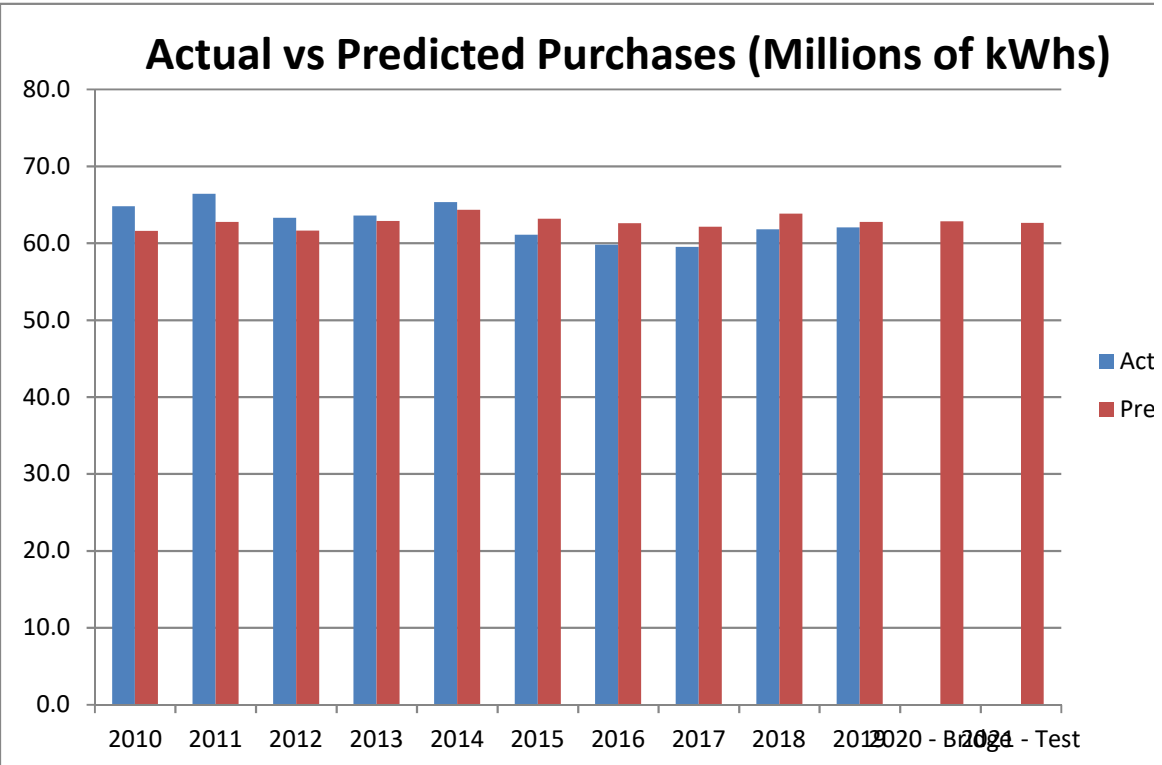
V	
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2021 Test	Volumetric Difference
	0
	0
38,559	162
67	0
660	0
	0
39,286	162
	0.4%

Expected
1,381,388
412,129
245,332
2,869
23,029
6,257
2,071,003

[illegible]

	Forecasted 2020	Historical	Country Income Class	Spring Fuel	Standard Error in Forecast	Regional Production	Adjusted R-Square	Adjusted R-Square
200-00	7,177,761	822,511	-	-	30,000	2,239,329	34,526	2.3%
200-01	7,114,970	818,496	-	-	30,000	6,528,657	287,793	2.3%
200-02	5,531,814	703,298	-	-	30,000	5,593,129	683,330	2.3%
200-03	4,932,995	448,517	-	-	30,000	4,889,345	71,806	2.3%
200-04	4,756,225	430,268	0.22	-	30,000	4,421,954	655,395	2.3%
200-05	4,324,466	65,729	18.81	-	30,000	4,419,644	34,436	2.3%
200-06	4,176,225	135,449	19.91	-	30,000	4,419,644	296,344	4.9%
200-07	4,326,118	34,208	42.71	-	31,000	4,343,599	583,689	11.8%
200-08	4,307,103	135,449	19.91	-	30,000	3,980,799	796,344	2.3%
200-09	5,015,291	341,812	6.18	-	30,000	4,497,523	318,789	2.3%
200-10	5,455,155	955,701	-	-	30,000	5,411,206	51,598	1.2%
200-11	6,048,951	792,211	-	-	31,000	6,129,816	236,041	2.7%
200-12	6,091,851	822,511	-	-	31,000	7,701,260	496,946	4.9%
200-13	7,755,611	818,496	-	-	30,000	6,518,657	523,899	2.3%
200-14	7,699,078	703,298	-	-	30,000	5,913,121	48,994	1.4%
200-15	5,933,855	448,517	-	-	30,000	4,989,341	647,133	14.5%
200-16	5,007,251	65,729	18.81	-	30,000	4,777,654	114,311	1.8%
200-17	4,529,152	65,729	18.81	-	30,000	4,173,644	233,305	2.7%
200-18	4,701,211	135,449	19.91	-	31,000	4,419,644	216,344	4.9%
200-19	4,306,867	34,208	42.71	-	31,000	4,143,599	427,300	7.0%
200-20	4,313,561	135,449	19.91	-	30,000	3,980,799	796,344	11.8%
200-21	4,714,307	341,812	6.18	-	30,000	4,497,523	181,364	0.4%
200-22	5,261,495	955,701	-	-	30,000	5,411,206	111,803	1.2%
200-23	5,611,401	792,211	-	-	31,000	6,129,816	190,500	10.3%
200-24	5,611,401	822,511	-	-	31,000	7,701,260	166,149	1.8%
200-25	6,302,997	818,496	-	-	30,000	6,618,657	314,154	5.9%
200-26	6,456,466	703,298	-	-	30,000	6,048,951	344,344	5.4%
200-27	6,302,997	448,517	-	-	30,000	5,989,341	344,344	5.4%
200-28	5,925,761	65,729	8.24	-	30,000	4,227,654	262,373	2.7%
200-29	4,529,152	65,729	18.81	-	31,000	4,419,644	233,305	2.7%
200-30	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-31	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-32	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-33	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-34	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-35	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-36	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-37	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-38	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-39	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-40	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-41	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-42	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-43	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-44	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-45	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-46	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-47	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-48	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-49	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-50	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-51	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-52	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-53	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-54	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-55	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-56	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-57	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-58	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-59	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-60	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-61	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-62	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-63	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-64	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-65	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-66	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-67	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-68	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-69	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-70	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-71	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-72	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-73	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-74	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-75	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-76	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-77	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-78	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-79	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-80	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-81	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-82	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-83	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-84	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-85	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-86	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-87	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-88	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-89	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-90	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-91	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-92	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-93	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-94	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-95	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-96	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-97	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-98	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
200-99	4,529,152	34,208	42.71	-	31,000	4,419,644	233,305	2.7%
200-100	4,529,152	135,449	19.91	-	31,000	4,419,644	233,305	2.7%
2010	64,787,280	-	-	-	-	62,750,541	17,446,549	3.7%
2011	65,785,181	-	-	-	-	62,750,541	17,446,549	3.7%
2012	63,146,141	-	-	-	-	62,750,541	17,446,549	3.7%
2013	63,692,967	-	-	-	-	62,750,541	17,446,549	3.7%
2014	65,391,211	-	-	-	-	62,750,541	17,446,549	3.7%
2015	63,184,221	-	-	-	-	62,750,541	17,446,549	3.7%
2016	58,154,104	-	-	-	-	62,750,541	17,446,549	3.7%
2017	58,441,335	-	-	-	-	62,750,541	17,446,549	3.7%
2018	62,650,761	-	-	-	-	62,750,541	17,446,549	3.7%
2019	62,650,761	-	-	-	-	62,750,541	17,446,549	3.7%
2020	0	-	-	-	-	62,750,541	17,446,549	3.7%
2021	0	-	-	-	-	62,750,541	17,446,549	3.7%
2022	0	-	-	-	-	62,750,541	17,446,549	3.7%
2023	0	-	-	-	-	62,750,541	17,446,549	3.7%
2024	0	-	-	-	-	62,750,541	17,446,549	3.7%
2025	0	-	-	-	-	62,750,541	17,446,549	3.7%
2026	0	-	-	-	-	62,750,541	17,446,549	3.7%
2027	0	-	-	-	-	62,750,541	17,446,549	3.7%
2028	0	-	-	-	-	62,750,541	17,446,549	3.7%
2029	0	-	-	-	-	62,750,541	17,446,549	3.7%
2030	0	-	-	-	-	62,750,541	17,446,549	3.7%
2031	0	-	-	-	-	62,750,541	17,446,549	3.7%
2032	0	-	-	-	-	62,750,541	17,446,549	3.7%
2033	0	-	-	-	-	62,750,541	17,446,549	3.7%
2034	0	-	-	-	-	62,750,541	17,446,549	3.7%
2035	0	-	-	-	-	62,750,541	17,446,549	3.7%
2036	0	-	-	-	-	62,750,541	17,446,549	3.7%
2037	0	-	-	-	-			



tual
redicted

Espanola Regional Hydro Inc. Weather Normal Load Forecast for 2016 Rate Application

													Current Dx Rates effective May 1, 2015	Distribution Revenue at Current Rates 2020	Rate rider for ICM	SME Charge	Current Dx Rates effective May 1, 2015	Distribution Revenue at Current Rates 2021	Rate rider for ICM		
Actual KWh Purchases	2010 Actual	2011 Actual	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Weather Normal	2021 Weather Normal									
64,797,090	66,398,183	63,284,545	63,602,962	65,352,027	61,104,721	59,794,104	59,491,335	61,810,133	62,050,761	62,050,761	0	0.00									
61,581,067	62,738,097	61,624,254	62,892,004	64,340,114	63,174,013	62,605,890	62,123,262	63,845,097	62,762,062	62,840,765	62,626,608.33										
% Difference	-5.0%	-5.5%	-2.6%	-1.1%	-1.5%	3.4%	4.7%	4.4%	3.3%	1.1%											
CDM Purchase Adjustment																					
Predicted KWh Purchases after CDM																					
Industrial Loads	60,770,606	61,388,102	60,305,436	61,423,308	61,248,309	58,546,499	56,466,454	54,872,263	57,121,172	57,482,828	58,878,258	58,677,605.48									
Residential																					
Customers	2,850	2,847	2,857	2,858	2,857	2,856	2,861	2,872	2,888	2,901	2,906	2,910.00	\$	14.07	\$	490,536.83	1.39	\$	48,461		
KWh	31,226,253	31,700,917	30,758,632	32,605,812	32,890,577	30,963,982	29,475,507	28,877,056	31,054,130	31,777,563	32,702,467	32,639,691.74	\$	0.017	\$	555,941.95	0.0017	\$	55,594		
																\$	1,046,478.78		\$	104,055	
General Service <50																					
Customers	425	425	402	401	402	406	393	388	388	380	375	369.00	\$	25.22	\$	113,355.30	2.48	\$	11,147		
KWh	11,572,990	11,929,201	11,730,167	11,192,454	10,747,812	10,393,804	10,122,403	9,915,385	10,221,050	10,266,816	10,389,919	10,191,189.98	\$	0.0207	\$	215,071.31	0.0020	\$	20,780		
																\$	328,426.61		\$	31,927	
General Service >50																					
Customers	25	25	29	29	29	29	29	28	27	28	29	30.00	\$	196.43	\$	68,259.00	19.34	\$	6,721		
KWh	17,160,375	16,948,663	17,041,535	16,850,053	17,091,907	16,669,657	16,378,057	15,590,915	15,357,084	14,949,541	15,417,468	15,482,365.19	\$	3.7949	\$	145,713.03	0.3736	\$	14,345		
KW	43,226	40,289	42,772	42,806	40,172	41,215	41,067	39,273	38,317	37,232	38,397	38,558.69			\$	213,972.03		\$	21,066		
Sentinel Lights																					
Customers	26	26	26	27	26	26	26	25	25	25	25	25.00	\$	2.14	\$	639.49	0.21	\$	63		
KWh	25,100	25,877	25,725	25,771	25,771	24,568	24,566	24,235	24,235	24,235	24,151	24,257.61	\$	17.2571	\$	1,162.82	1.6991	\$	114		
KW	72	72	72	72	72	72	72	67	67	67	67	67.38			\$	1,802.31		\$	177		
Street Lights																					
Customers	1,045	1,048	1,048	1,064	1,064	1,064	1,065	1,065	1,062	1,062	799	799.00	\$	1.99	\$	19,080.12	0.20	\$	1,918		
KWh	615,845	613,577	618,217	617,088	368,606	370,752	342,285	341,037	341,037	341,037	224,919	224,918.50	\$	25.0801	\$	16,552.87	2.4693	\$	1,630		
KW	1,728	1,728	1,728	1,728	1,070	1,040	1,082	1,082	1,082	1,082	660	660.00			\$	35,632.99		\$	3,547		
USL																					
Customers	21	21	21	21	21	21	21	21	21	21	21	21.00	\$	12.26	\$	3,089.52	1.21	\$	305		
KWh	170,043	169,867	131,160	132,130	123,636	123,636	123,636	123,636	123,636	123,636	119,334	115,182.45	\$	0.0157	\$	1,873.55	0.0016	\$	181		
																\$	4,953.07		\$	496	
Total																					
Customer/Connections	4,392	4,392	4,383	4,400	4,399	4,402	4,395	4,399	4,411	4,417	4,154	4,154.00			\$	1,631,275.79		\$	161,268		
KWh	60,770,606	61,388,102	60,305,436	61,423,308	61,248,309	58,546,499	56,466,454	54,872,263	57,121,172	57,482,828	58,878,258	58,677,605.48									
KW from applicable classes	45,026	42,089	44,572	44,606	41,314	42,327	42,221	40,422	39,466	38,381	39,124	39,286.08				\$	1,648,673		\$	1,665,160	
																	\$	1,681,811		\$	1,698,629
Check																					
Customer/Connections	0	0	0	0	0	0	0	0	0	0	0	0.00									
KWh	0	0	0	0	0	0	0	0	0	0	0	0.00									
KW from applicable classes	0	0	0	0	0	0	0	0	0	0	0	0.00									
	3,349	3,346	3,337	3,338	3,337	3,340	3,332	3,336	3,351	3,357	3,357	3,357.00									
2012 approved	62,249,997	62,249,997	4,410																		
2021 projected	58,878,258	58,878,258	4,154																		
	-3,371,739	-3,371,739	-256																		
	-5.4%	-5.4%	-5.8%																		

738 lights
107.4 kW

Forecast for RTSR >50 Non-loss Adjusted Metered KWh a

16,850,053.00
14,163,523.00
2,686,530.00

84.06%
15.94%
100.00%

13,796,781.20
2,611,276.21
16,378,057.41

35,981.00
6,825.00

84.06%
15.94%
100.00%

34,519.18
6,547.72
41,066.90

	Purchases	Modeled Purchases	Difference	% Difference	HO and ESP Loss Factor	Total Metered	Residential	General Service <50	General Service >50	Sentinel Lights	Street Lights	USL
Weather Normal Projection												
2010	64,797,090	61,581,067	(3,216,023)	-5.0%	1.0663	60,770,606	31,226,253	11,572,990	17,160,375	25,100	615,845	170,043
2011	66,398,183	62,738,097	(3,660,087)	-5.5%	1.0816	61,388,102	31,700,917	11,929,201	16,948,663	25,877	613,577	169,867
2012	63,284,545	61,624,254	(1,660,291)	-2.6%	1.0494	60,305,436	30,758,632	11,730,167	17,041,535	25,725	618,217	131,160
2013	63,602,962	62,892,004	(710,958)	-1.1%	1.0355	61,423,308	32,605,812	11,192,454	16,850,053	25,771	617,088	132,130
2014	65,352,027	64,340,114	(1,011,913)	-1.5%	1.0670	61,248,309	32,890,577	10,747,812	17,091,907	25,771	368,606	123,636
2015	61,104,721	63,174,013	2,069,292	3.4%	1.0437	58,546,499	30,963,982	10,393,804	16,669,657	24,668	370,752	123,636
2016	59,794,104	62,605,890	2,811,786	4.7%	1.0589	56,466,454	29,475,507	10,122,403	16,378,057	24,566	342,285	123,636
2017	59,491,335	62,123,262	2,631,927	4.4%	1.0842	54,872,263	28,877,056	9,915,385	15,590,915	24,235	341,037	123,636
2018	61,810,133	63,845,097	2,034,965	3.3%	1.0821	57,121,172	31,054,130	10,221,050	15,357,084	24,235	341,037	123,636
2019	62,050,761	62,762,062	711,301	1.1%	1.0795	57,482,828	31,777,563	10,266,816	14,949,541	24,235	341,037	123,636
2020	0	62,840,765				58,878,258						
2021	0	62,790,541				58,793,724						
USED		62,626,608				58,677,605						
Average				2010-2019 2015-2019 2012 board approved	1.0672 1.0673 1.0687							
Usage Per Customer												
2010							10,957	27,231	686,415	965	589	8,097
2011							11,135	28,069	677,947	995	585	8,089
2012							10,766	29,180	587,639	989	590	6,246
2013							11,409	27,911	581,036	954	580	6,292
2014							11,512	26,736	589,376	991	346	5,887
2015							10,842	25,601	574,816	949	348	5,887
2016							10,303	25,757	564,761	945	321	5,887
2017							10,055	25,555	556,818	969	320	5,887
2018							10,753	26,343	568,781	969	321	5,887
2019							10,954	27,018	533,912	969	321	5,887
2020							10,954	26,994	519,213	970	282	5,663
2021							10,953	26,971	504,919	970	282	5,485
2010							1.0163	1.0308	0.9877	1.0310	0.9935	0.9990
2011							0.9669	1.0396	0.8668	0.9941	1.0076	0.7721
2012							1.0597	0.9565	0.9888	0.9647	0.9832	1.0074
2013							1.0091	0.9579	1.0144	1.0385	0.5973	0.9357
2014							0.9418	0.9575	0.9753	0.9572	1.0058	1.0000
2015							0.9503	1.0061	0.9825	0.9959	0.9224	1.0000
2016							0.9759	0.9922	0.9859	1.0260	0.9964	1.0000
2017							1.0694	1.0308	1.0215	1.0000	1.0028	1.0000
2018							1.0187	1.0256	0.9387	1.0000	1.0000	1.0000
2019												
Used							1.0000	0.9991	0.9725	1.0005	0.8766	0.9652
Geomean							1.0000	0.9991	0.9725	1.0005	0.9348	0.9652
Non Weather Corrected Forecast												
2020						57,338,971	31,824,222	10,110,891	15,035,455	24,151	224,919	119,334
2021						57,338,675	31,874,483	9,952,267	15,147,567	24,258	224,919	115,182
Weather Corrected Forecast												
2020						58,878,258	32,702,467	10,389,919	15,417,468	24,151	224,919	119,334
2021						58,793,724	32,706,054	10,211,911	15,511,400	24,258	224,919	115,182
USED						58,677,605	32,639,692	10,191,190	15,482,365	24,258	224,919	115,182
% Weather Sensitive							92.65%	92.65%	85.30%			
2020						1,539,287	29,485,141	9,367,740	12,825,243	0	0	0
2021						1,455,049	29,531,708	9,220,775	12,920,875	0	0	0
Allocation of Weather Sensitive Amount												

	Total	Res	GS<50	GS>50	Sentinel	Street
New	58,793,724	32,706,054	10,211,911	15,511,400	24,258	224,919
Old	58,793,724	32,639,692	10,191,190	15,482,365	24,258	341,037
Difference		66,362	20,721	29,035	-	116,118
USED	58,677,605	32,639,692	10,191,190	15,482,365	24,258	224,919

58793723.78 32687959.19 10206260.67 15503483.43 24257.609 256580.4173

USL

115,182

115,182

115,182

115182.4523

	<u>General Service</u>						
	<u>Residential</u>	<u><50</u>	<u>General Service >50</u>	<u>Sentinel Lights</u>	<u>Street Lights</u>	<u>USL</u>	<u>Total</u>
2007	2,839	444	16	27	1,037	12	4,375
2008	2,840	445	16	25	1,039	12	4,377
2009	2,858	439	20	26	1,045	21	4,409
2010	2,850	425	25	26	1,045	21	4,392
2011	2,847	425	25	26	1,048	21	4,392
2012	2,857	402	29	26	1,048	21	4,383
2013	2,858	401	29	27	1,064	21	4,400
2014	2,857	402	29	26	1,064	21	4,399
2015	2,856	406	29	26	1,064	21	4,402
2016	2,861	393	29	26	1,065	21	4,395
2017	2,872	388	28	25	1,065	21	4,399
2018	2,888	388	27	25	1,062	21	4,411
2019	2,901	380	28	25	1,062	21	4,417
2020	2,905	375	29	25	799	21	4,154
2021	2,910	369	30	25	799	21	4,154

Growth Rate in Customer Numbers

2007						
2008	1.0004	1.0023	1.0000	0.9259	1.0019	1.0000
2009	1.0063	0.9865	1.2500	1.0400	1.0058	1.7500
2010	0.9972	0.9681	1.2500	1.0000	1.0000	1.0000
2011	0.9989	1.0000	1.0000	1.0000	1.0029	1.0000
2012	1.0035	0.9459	1.1600	1.0000	1.0000	1.0000
2013	1.0004	0.9975	1.0000	1.0385	1.0153	1.0000
2014	0.9997	1.0025	1.0000	0.9630	1.0000	1.0000
2015	0.9996	1.0100	1.0000	1.0000	1.0000	1.0000
2016	1.0018	0.9680	1.0000	1.0000	1.0009	1.0000
2017	1.0038	0.9873	0.9655	0.9615	1.0000	1.0000
2018	1.0056	1.0000	0.9643	1.0000	0.9972	1.0000
2019	1.0045	0.9794	1.0370	1.0000	1.0000	1.0000
2020	1.0015	0.9857	1.0342	0.9961	0.7524	1.0000
2021	1.0016	0.9852	1.0360	1.0039	1.0000	1.0000
Used	1.0015	0.9857	1.0342	0.9961	1.0000	1.0000
Geomean	1.0015	0.9857	1.0342	0.9961	1.0016	1.0000
	0.15%	-1.43%	3.42%	-0.39%	0.16%	0.00%



General Service

	>50	Sentinel Lights	Street Lights	Total
2007	37,510	72	1,721	39,303
2008	36,482	72	1,721	38,275
2009	39,329	72	1,724	41,125
2010	43,226	72	1,728	45,026
2011	40,289	72	1,728	42,089
2012	42,772	72	1,728	44,572
2013	42,806	72	1,728	44,606
2014	40,172	72	1,070	41,314
2015	41,215	72	1,040	42,327
2016	41,067	72	1,082	42,221
2017	39,273	67	1,082	40,422
2018	38,317	67	1,082	39,466
2019	37,232	67	1,082	38,381
2020	38,397	67	660	39,124
2021	38,559	67	660	39,286

kW/kWh

				39.81%
2010	0.2519%	0.2869%	0.2806%	
2011	0.2377%	0.2782%	0.2816%	
2012	0.2510%	0.2799%	0.2795%	
2013	0.2540%	0.2794%	0.2800%	
2014	0.2350%	0.2794%	0.2903%	
2015	0.2472%	0.2919%	0.2805%	
2016	0.2507%	0.2931%	0.3160%	
2017	0.2519%	0.2778%	0.3172%	
2018	0.2495%	0.2778%	0.3172%	
2019	0.2490%	0.2778%	0.3172%	
Average	0.2478%	0.2822%	0.2960%	
Used	0.2490%	0.2778%	0.2934%	

Summary of Degree Day Inform

Summary of All Heating Degree Days

Month	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	10 Year Avg	20 Year Trend
January	849.00	1,010.40	1,055.70	861.20	969.30	988.80	883.60	805.20	1017.5	1129.7	1011.1	783.8	882.1	829.7	1046.7	878.8	1005.1	861.5	914.4	1037.5	1038.5	884.6	795.5	927.6	981.6	932.51	927.75
February	893.80	883.00	832.90	645.40	713.70	752.20	828.20	773.40	923.0	780.2	747.0	821.6	906.6	861.5	790.3	750.7	797.2	720.2	810.9	886.5	1043.5	856.9	715.3	756.5	846.9	818.46	833.67
March	659.70	799.10	785.90	689.60	670.70	575.20	706.10	790.20	753.1	662.7	733.6	644.4	689.1	777.8	696.1	502.9	752.7	527	687.6	884.7	787.7	659.4	772.9	720	737.9	703.28	735.98
April	524.40	534.50	454.80	357.20	380.40	431.80	389.80	451.10	525.7	460.0	371.5	365.5	428.3	367.9	434.2	324.1	453	420.6	363.8	498.9	440.4	542.9	403.8	575.4	462.8	448.57	472.62
May	232.80	264.50	326.90	109.80	131.40	205.40	161.70	301.80	223.3	258.3	215.4	165.6	186.7	268.8	264.3	138.9	187.9	145.5	163.3	209.2	176.1	190.1	242.1	162.8	276.7	189.26	194.19
June	50.80	43.40	32.40	90.90	57.20	102.70	55.80	78.40	70.1	105.1	26.3	50.6	62.5	49.4	93.2	70.5	61.5	43.7	81.4	48.8	69.9	72.8	69	65.7	74.6	65.79	63.10
July	26.50	30.30	41.20	15.50	16.80	45.70	58.50	11.60	11.5	30.1	14.4	10.8	34.1	16.5	47.8	8.3	2.4	0.4	30	52.2	31.4	22.4	28.6	3.8	4.5	18.40	13.93
August	21.00	28.80	70.40	22.50	56.20	50.40	18.10	21.80	31.9	82.3	18.5	44.8	36.0	28.1	60.8	26.6	16.2	30.1	49.4	57.2	35.2	11	65.2	14.3	37.4	34.26	35.30
September	213.50	127.60	168.20	141.10	120.40	208.00	165.20	88.40	127.3	92.8	85.2	179.6	118.8	153.4	113.6	180.9	128.9	165.3	154.1	166	87.8	88.7	108.7	136.4	137.8	135.46	123.10
October	328.70	379.60	364.10	353.70	399.00	333.90	348.70	450.10	380.0	325.0	300.0	399.5	273.1	380.2	418.2	364.7	304.3	351.9	320.8	366.8	393.4	330.2	249.3	438.9	295.9	341.62	334.54
November	726.60	612.10	608.00	519.00	507.30	569.90	463.60	639.30	535.3	530.0	563.8	513.0	589.6	573.2	453.3	525.3	481.4	571.4	623.8	675.8	488.3	452.4	599.7	666	572.9	565.70	579.10
December	937.40	775.30	790.20	750.30	757.20	986.20	671.60	761.70	754.7	895.5	838.9	675.3	824.5	891.8	826.5	804.9	752.9	775.8	985	779.2	599.1	800	973.1	786.4	735.7	799.21	794.18
Total	5,464.20	5,488.60	5,530.70	4,556.20	4,779.60	5,250.20	4,750.90	5,173.00	5,353.40	5,351.70	4,925.70	4,654.50	5,031.40	5,198.30	5,245.00	4,576.60	4,943.50	4,613.40	5,184.50	5,662.80	5,191.30	4,911.40	5,023.20	5,253.80	5,164.70		

Summary of All Cooling Degree Days

Month	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	10 Year Avg	20 Year Trend
January	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0.00	0.00
February	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0.00	0.00
March	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0.00	0.00
April	-	-	-	-	-	-	-	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0.00	-0.01
May	2.50	1.30	-	8.40	11.60	3.70	1.30	0.90	0.0	1.0	0.0	13.6	14.2	0.0	0.6	33.1	4.9	11.1	3.8	2.7	6.1	12.6	1.3	16.6	0	9.22	9.86
June	71.40	23.70	51.20	48.40	55.90	9.20	39.40	32.50	30.5	7.8	0.0	29.9	52.4	23.7	35.8	9.1	14.9	45.5	16.8	20.8	6.1	30.4	8.9	22.5	11.7	18.67	17.16
July	64.20	24.60	59.90	50.10	89.40	24.90	42.30	84.20	37.9	39.3	94.3	84.2	46.5	36.7	8.8	100.0	104.6	94.3	59.2	18.3	55.1	72.7	31.1	78.9	70.1	68.43	67.69
August	62.20	34.80	9.40	55.50	24.30	21.00	78.90	49.40	57.8	15.0	58.9	30.6	49.6	19.9	34.0	70.7	49.8	47.4	30.8	21.4	39.8	73.3	11.6	61.7	20.6	42.71	36.81
September	-	23.00	0.40	2.30	26.70	2.20	7.70	31.40	4.8	19.5	18.1	1.2	11.9	7.6	6.8	8.5	16.2	11.8	1.3	4.7	38.1	10.7	33.7	23.5	1.8	15.03	17.26
October	-	-	-	-	-	-	-	2.30	0.0	0.0	7.0	0.0	0.0	0.3	0.0	0.5	0	0	0	0	0	0.5	0	0	0	0.10	-0.25
November	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0.00	0.00
December	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total	200.30	107.40	120.90	164.70	207.90	61.00	169.60	200.80	131.00	82.60	178.30	159.50	174.60	88.20	86.00	221.40	190.90	210.10	111.90	67.90	145.20	200.20	86.60	203.20	104.20		

61.00

31.89%\$6,416,132

\$1,612.979

\$378.295\$234.301

\$219,943

\$25.136

\$389,459

-\$3,220,174.24
-\$21,978.15
-\$2,378.02
-\$2,531,488.23
-\$10,809.02
-\$245,078.98
-\$772,298.52
-\$234,301.08
-\$389,459.30
-\$272,632.52

Cost of Power 2021			
<u>2020 Load Forecast</u>	kWh	kW	2021%RPP
Residential	32,639,692		97.86%
General Service < 50 kW	10,191,190		89.47%
General Service > 50 to 4999 kW	15,482,365	38,559	21.43%
General Service > 1000 to 4999 kW	-	-	0.00%
Large User	-	-	0.00%
Sentinel Lights	24,258	67	96.00%
Street Lights	224,919	660	0.00%
Unmetered Loads	115,182		90.48%
Embedded Distributors - Hydro One			0.00%
TOTAL	58,677,605	39,286	

<u>Electricity - Commodity RPP</u>	2021 Forecasted Metered kWhs	2019 Loss Factor	2021
<u>Class per Load Forecast RPP</u>			
Residential	31,942,118	1.0673	34,091,823
General Service < 50 kW	9,118,433	1.0673	9,732,104
General Service > 50 to 4999 kW	3,317,650	1.0673	3,540,928
General Service > 1000 to 4999 kW	0	1.0673	0
Large User	0	1.0673	0
Sentinel Lights	23,287	1.0673	24,855
Street Lights	0	1.0673	0
Unmetered Loads	104,213	1.0673	111,226
Embedded Distributors - Hydro One	0	1.0673	0
TOTAL	44,505,701		47,500,935

<u>Global Adjustment Non Rpp</u>	2021 Forecasted Metered kWhs	2019 Loss Factor	2021
<u>Class per Load Forecast RPP</u>			
Residential	0	1.0673	0
General Service < 50 kW	0	1.0673	0
General Service > 50 to 4999 kW	0	1.0673	0
General Service > 1000 to 4999 kW	0	1.0673	0
Large User	0	1.0673	0
Sentinel Lights	0	1.0673	0
Street Lights	0	1.0673	0
Unmetered Loads	0	1.0673	0
Embedded Distributors - Hydro One	0	0.0000	0
TOTAL	0		0
<u>Transmission - Network</u>		Volume	
<u>Class per Load Forecast</u>		Metric	2021
Residential		kWh	34,091,823
General Service < 50 kW		kWh	9,732,104

General Service > 50 to 4999 kW		kW	0
General Service > 1000 to 4999 kW		kW	0
Large User		kW	0
Sentinel Lights		kW	0
Street Lights		kW	0
Unmetered Loads		kWh	111,226
Embedded Distributors - Hydro One		kW	0
TOTAL			43,935,153

<u>Transmission - Connection</u>		Volume	
Class per Load Forecast		Metric	2021
Residential		kWh	34,091,823
General Service < 50 kW		kWh	9,732,104
General Service > 50 to 4999 kW		kW	0
General Service > 1000 to 4999 kW		kW	0
Large User		kW	0
Sentinel Lights		kW	0
Street Lights		kW	0
Unmetered Loads		kWh	111,226
Embedded Distributors - Hydro One		kW	0
TOTAL			43,935,153

<u>Wholesale Market Service</u>			
Class per Load Forecast			2021
Residential		kWh	34,091,823
General Service < 50 kW		kWh	9,732,104
General Service > 50 to 4999 kW		kWh	3,540,928
General Service > 1000 to 4999 kW		kWh	0
Large User		kWh	0
Sentinel Lights		kWh	24,855
Street Lights		kWh	0
Unmetered Loads		kWh	111,226
Embedded Distributors - Hydro One		kWh	0
TOTAL			47,500,935

<u>Rural Rate Assistance</u>			
Class per Load Forecast			2021
Residential		kWh	34,091,823
General Service < 50 kW		kWh	9,732,104
General Service > 50 to 4999 kW		kWh	3,540,928
General Service > 1000 to 4999 kW		kWh	0
Large User		kWh	0
Sentinel Lights		kWh	24,855
Street Lights		kWh	0
Unmetered Loads		kWh	111,226
Embedded Distributors - Hydro One		kWh	0
TOTAL			47,500,935

<u>Low Voltage</u>			
Class per Load Forecast			2021
Residential		kWh	31,942,118
General Service < 50 kW		kWh	9,118,433
General Service > 50 to 4999 kW		kW	0
General Service > 1000 to 4999 kW		kWh	0

Large User		kWh	0
Sentinel Lights		kW	0
Street Lights		kW	0
Unmetered Loads		kWh	104,213
Embedded Distributors - Hydro One		kWh	0
TOTAL			41,164,764

Smart Meter Entity Charge			
Class per Load Forecast	Customers	2017	
Residential	2,910	\$0.5700	\$19,904.40
General Service < 50 kW	369	\$0.5700	\$2,523.96
General Service > 50 to 4999 kW	30	\$0.5700	\$205.20
General Service > 1000 to 4999 kW	0	\$0.5700	\$0
Large User	0		\$0
Sentinel Lights	25		\$0
Street Lights	2		\$0
Unmetered Loads	21		\$0
Embedded Distributors - Hydro One	0		\$0
TOTAL			\$22,634

2021		
4705-Power Purchased	\$6,385,419.45	
4707 - Global Adjustment	\$1,617,539.54	
4708-Charges-WMS	\$219,193.13	
4714-Charges-NW	\$401,622.14	
4716-Charges-CN	\$291,664.10	
4730-Rural Rate Assistance	\$25,050.64	
4750-Low Voltage	\$388,580.21	
4751 - Smart Metering Entity charge	\$22,633.56	
OER 33.2% credit	(\$2,349,335.47)	
TOTAL	\$7,002,367.30	

2021			
	RPP	Non RPP	Total
4006- Residential	\$4,364,776	\$94,576	\$4,459,352
4025 Street Lighting	\$0	\$30,494	\$30,494
4030 Sentinel	\$3,182	\$132	\$3,314
4035 General Energy	\$1,699,346	\$1,794,725	\$3,494,071
4055 Energy for Resale (USL)	\$14,240	\$1,487	\$15,728
4062 - WMS	\$185,254	\$58,990	\$244,244
4066 - NW	\$290,428	\$111,194	\$401,622
4068 CN	\$214,754	\$76,910	\$291,664
4075 LV Charges	\$281,697	\$106,883	\$388,580
4076 Billed SME	\$22,634		\$22,634
TOTAL	7,076,312	\$ 2,275,391.11	\$ 9,351,702.77

Ontario Energy Rebate

78.57%

4.00%

	\$0.12803	\$4,364,776
	\$0.12803	\$1,246,001
	\$0.12803	\$453,345
	\$0.12803	\$0
	\$0.12803	\$0
	\$0.12803	\$3,182
	\$0.12803	\$0
	\$0.12803	\$14,240
	\$0.12803	\$0
		\$6,081,545

<u>Electricity - Commodity Non-RPP</u>	
Class per Load Forecast	
Residential	
General Service < 50 kW	
General Service > 50 to 4999 kW	
General Service > 1000 to 4999 kW	
Large User	
Sentinel Lights	
Street Lights	
Unmetered Loads	
Embedded Distributors - Hydro One	
TOTAL	

	\$0.10694	\$0
	\$0.10694	\$0
	\$0.10694	\$0
	\$0.10694	\$0
	\$0.10694	\$0
	\$0.10694	\$0
	\$0.10694	\$0
	\$0.10694	\$0
	\$0.10694	\$0
		\$0
	\$0.0067	\$228,415
	\$0.0063	\$61,312

Volume

<u>Global Adjustment Non Rpp</u>	
Class per Load Forecast RPP	
Residential	
General Service < 50 kW	
General Service > 50 to 4999 kW	
General Service > 1000 to 4999 kW	
Large User	
Sentinel Lights	
Street Lights	
Unmetered Loads	
Embedded Distributors - Hydro One	
TOTAL	

<u>Transmission - Network</u>	
Class per Load Forecast	
Residential	
General Service < 50 kW	

\$2.5294	\$0
\$0.0000	\$0
\$0.0000	\$0
\$1.9173	\$0
\$1.9078	\$0
\$0.0063	\$701
	\$0
0.00661	\$290,428

\$0.0050	\$170,459
\$0.0045	\$43,794
\$1.7377	\$0
\$0.0000	\$0
\$0.0000	\$0
\$1.3713	\$0
\$1.3433	\$0
\$0.0045	\$501
	\$0
0.00489	\$214,754

\$0.0035	\$119,321
\$0.0035	\$34,062
\$0.0035	\$12,393
	\$0
	\$0
\$0.0035	\$87
\$0.0035	\$0
\$0.0035	\$389
	\$0
0.00350	\$166,253

\$0.0004	\$13,637
\$0.0004	\$3,893
\$0.0004	\$1,416
	\$0
	\$0
\$0.0004	\$10
\$0.0004	\$0
\$0.0004	\$44
	\$0
0.00040	\$19,000

\$0.0070	\$223,594.83
\$0.0063	\$57,446.13
\$2.4327	\$0.00
\$0.0000	\$0.00

General Service > 50 to 4999 kW
General Service > 1000 to 4999 kW
Large User
Sentinel Lights
Street Lights
Unmetered Loads
Embedded Distributors - Hydro One
TOTAL

<u>Transmission - Connection</u>
Class per Load Forecast
Residential
General Service < 50 kW
General Service > 50 to 4999 kW
General Service > 1000 to 4999 kW
Large User
Sentinel Lights
Street Lights
Unmetered Loads
Embedded Distributors - Hydro One
TOTAL

<u>Wholesale Market Service</u>
Class per Load Forecast
Residential
General Service < 50 kW
General Service > 50 to 4999 kW
General Service > 1000 to 4999 kW
Large User
Sentinel Lights
Street Lights
Unmetered Loads
Embedded Distributors - Hydro One
TOTAL

<u>Rural Rate Assistance</u>
Class per Load Forecast
Residential
General Service < 50 kW
General Service > 50 to 4999 kW
General Service > 1000 to 4999 kW
Large User
Sentinel Lights
Street Lights
Unmetered Loads
Embedded Distributors - Hydro One
TOTAL

<u>Low Voltage</u>
Class per Load Forecast
Residential
General Service < 50 kW
General Service > 50 to 4999 kW
General Service > 1000 to 4999 kW

\$0.0000	\$0.00
\$1.9197	\$0.00
\$1.8805	\$0.00
\$0.0063	\$656.54
\$0.0000	\$0.00
0.00684	\$281,697

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Large User
Sentinel Lights
Street Lights
Unmetered Loads
Embedded Distributors - Hydro One
TOTAL

Percentage	Allocated 33.2%	Total for Trial Balance
56%	-\$1,309,080.17	\$3,150,272.30
0%	-\$8,951.84	\$21,542.41
0%	-\$972.76	\$2,340.92
44%	-\$1,025,713.74	\$2,468,357.28
0%	-\$4,616.96	\$11,110.60
		\$244,243.77
		\$401,622.14
		\$291,664.10
		\$388,580.21
		\$22,633.56
	\$ (2,349,335.47)	7,002,367



33.2%

2021 Forecasted Metered kWhs	2019 Loss Factor	2021		
697,574	1.0673	744,520	\$0.02009	\$14,957
1,072,757	1.0673	1,144,953	\$0.02009	\$23,002
12,164,716	1.0673	12,983,401	\$0.02009	\$260,837
0	1.0673	0	\$0.02009	\$0
0	1.0673	0	\$0.02009	\$0
970	1.0673	1,036	\$0.02009	\$21
224,919	1.0673	240,056	\$0.02009	\$4,823
10,970	1.0673	11,708	\$0.02009	\$235
0	1.0673	0	\$0.02009	\$0
14,171,904		15,125,674		\$303,875

\$ 6,385,419

2021 Forecasted Metered kWhs	2019 Loss Factor	2021		
697,574	1.0673	744,520	\$0.10694	\$79,619
1,072,757	1.0673	1,144,953	\$0.10694	\$122,441
12,164,716	1.0673	12,983,401	\$0.10694	\$1,388,445
0	1.0673	0	\$0.10694	\$0
0	1.0673	0	\$0.10694	\$0
970	1.0673	1,036	\$0.10694	\$111
224,919	1.0673	240,056	\$0.10694	\$25,672
10,970	1.0673	11,708	\$0.10694	\$1,252
0	1.0673	0	\$0.10694	\$0
14,171,904		15,125,674		\$1,617,540

\$ 1,617,540

	Volume Metric	2021		
	kWh	744,520	\$0.0067	\$4,988
	kWh	1,144,953	\$0.0063	\$7,213

	kW	38,559	\$2.5294	\$97,530
	kW	0	\$0.0000	\$0
	kW	0	\$0.0000	\$0
	kW	67	\$1.9173	\$129
	kW	660	\$1.9078	\$1,259
	kWh	11,708	\$0.0063	\$74
	kW	0		\$0
		1,940,468	0.05730	\$111,194

\$ 401,622

	Volume Metric	2021		
	kWh	744,520	\$0.0050	\$3,723
	kWh	1,144,953	\$0.0045	\$5,152
	kW	38,559	\$1.7377	\$67,003
	kW	0	\$0.0000	\$0
	kW	0	\$0.0000	\$0
	kW	67	\$1.3713	\$92
	kW	660	\$1.3433	\$887
	kWh	11,708	\$0.0045	\$53
	kW	0		\$0
		1,940,468	0.03963	\$76,910

\$ 291,664

		2021		
	kWh	744,520	\$0.0035	\$2,606
	kWh	1,144,953	\$0.0035	\$4,007
	kWh	12,983,401	\$0.0035	\$45,442
	kWh	0		\$0
	kWh	0		\$0
	kWh	1,036	\$0.0035	\$4
	kWh	240,056	\$0.0035	\$840
	kWh	11,708	\$0.0035	\$41
	kWh	0		\$0
		58,151,004	0.00091	\$52,940

\$ 219,193

		2021		
	kWh	744,520	\$0.0004	\$298
	kWh	1,144,953	\$0.0004	\$458
	kWh	12,983,401	\$0.0004	\$5,193
	kWh	0		\$0
	kWh	0		\$0
	kWh	1,036	\$0.0004	\$0
	kWh	240,056	\$0.0004	\$96
	kWh	11,708	\$0.0004	\$5
	kWh	0		\$0
		15,125,674	0.00040	\$6,050

\$ 25,051

		2021		
	kWh	697,574	\$0.0070	\$4,883.01
	kWh	1,072,757	\$0.0063	\$6,758.37
	kW	38,559	\$2.4327	\$93,801.73
	kWh	0	\$0.0000	\$0.00

-\$228,477.84
-\$64,204.50
-\$93,801.73
\$0.00

	kWh	0	\$0.0000	\$0.00
	kW	67	\$1.9197	\$129.35
	kW	660	\$1.8805	\$1,241.13
	kWh	10,970	\$0.0063	\$69.11
	kWh	0	\$0.0000	\$0.00
		1,820,586	0.05871	\$106,883

\$0.00

-\$129.35

-\$1,241.13

-\$725.65

\$

388,580