ATTACHMENT 1 LOAD FORECAST

1. LOAD FORECAST

Tables 1 and 2 present the revenue load forecast including the baseline forecast, electrification, large load requests and eDSM assumptions. Table 1 below provides Elexicon's consumption forecast by rate class in MWh for 2027-2031.

Table 1 – 2027-2031 Consumption Forecast by Customer Class (MWh)

	2027	2028	2029	2030	2031
Residential	1,496,169	1,522,611	1,545,953	1,578,020	1,611,796
Residential Seasonal	13,137	13,563	13,936	14,392	14,865
General Service < 50 kW	354,777	354,832	354,087	355,353	356,378
General Service 50 to 2,999 kW	1,328,857	1,338,757	1,344,927	1,351,543	1,352,835
General Service 3,000 to 4,999 kW	282,740	309,345	330,219	341,725	353,536
Large Use	434,996	520,133	601,394	630,464	637,881
Street Lighting	15,625	15,821	16,020	16,221	16,426
Sentinel Lighting	87	86	84	83	82
Unmetered Scattered Load	6,480	6,450	6,422	6,393	6,365
TOTAL MWh SALES	**3,932,868**	**4,081,599**	**4,213,042**	**4,294,193**	**4,350,164**

Table 2 below provides Elexicon's revenue demand forecast by kW for 2027-2031.

Table 2 – 2027-2031 Demand Sales Forecast by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	3,256,265	3,294,405	3,326,120	3,361,193	3,383,576
General Service 3,000 to 4,999 kW	604,293	665,752	714,880	744,001	774,616
Large Use	742,952	895,387	1,042,834	1,100,818	1,121,411
Street Lighting	43,544	44,091	44,645	45,206	45,774

Sentinel Lighting	654	645	635	625	616
TOTAL KW DEMAND	**4,647,709**	**4,900,280**	**5,129,114**	**5,251,843**	**5,325,994**

2. CUSTOMER AND CONNECTION FORECAST

Tables 3 and 4 below provide Elexicon's monthly average number of customers, connections, and lights that are forecasted for the 2027-2031 period.

Table 3 – 2027-2031 Monthly Average Number of Customers by Class

	2027	2028	2029	2030	2031
Residential	169,426	171,982	174,699	177,521	180,169
Residential Seasonal	1,546	1,543	1,539	1,536	1,532
General Service < 50 kW	12,204	12,318	12,434	12,550	12,668
General Service 50 to 2,999 kW	1,517	1,528	1,537	1,546	1,555
General Service 3,000 to 4,999 kW	12	13	13	13	13
Large Use	6	6	6	7	7
TOTAL CUSTOMERS	**184,710**	**187,390**	**190,229**	**193,174**	**195,944**

Table 4 – 2027-2031 Monthly Average Number of Connections/Lights by Customer Class

		2027	2028	2029	2030	2031
Street Lighting	Lights	45,775	46,311	47,044	47,726	48,428
Sentinel Lighting	Lights	261	255	251	246	248
Unmetered Scattered Load	Connections	1,159	1,159	1,159	1,158	1,153
TOTAL CONNECTIONS / LIGHTS		**47,195**	**47,725**	**48,454**	**49,130**	**49,829**

3. BASELINE FORECAST

Tables 5 and 6 include the baseline revenue load forecast amounts for 2027-2031. The baseline model also considers factors including historical weather patterns, economic trends, historic CDM, and population/customer count growth.

Table 5 - 2027-2031 Revenue Baseline Load Energy Sales Forecast by Customer Class (MWh)

	2027	2028	2029	2030	2031
Residential	1,493,569	1,518,055	1,537,046	1,562,957	1,589,615
Residential Seasonal	13,108	13,512	13,840	14,237	14,644
General Service < 50 kW	358,700	361,276	362,815	366,190	369,239
General Service 50 to 2,999 kW	1,265,342	1,274,420	1,291,171	1,311,395	1,335,267
General Service 3,000 to 4,999 kW	182,062	183,454	186,421	189,363	192,895
Large Use	331,021	337,637	352,779	367,554	383,184
Street Lighting	15,625	15,821	16,020	16,221	16,426
Sentinel Lighting	87	86	84	83	82
Unmetered Scattered Load	6,480	6,450	6,422	6,393	6,365
TOTAL MWh SALES	**3,665,994**	**3,710,713**	**3,766,599**	**3,834,394**	**3,907,716**

Table 6 - 2027-2031 Baseline Demand Sales Forecast by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	3,091,452	3,115,809	3,159,431	3,211,979	3,273,847
General Service 3,000 to 4,999 kW	384,265	387,674	394,729	401,857	410,221
Large Use	561,626	572,841	598,513	623,561	650,060
Street Lighting	43,544	44,091	44,645	45,206	45,774
Sentinel Lighting	654	645	635	625	616
TOTAL kW	**4,081,541**	**4,121,060**	**4,197,952**	**4,283,229**	**4,380,519**

4. eDSM ADJUSTMENTS IN LOAD FORECAST

Table 7 below provides Elexicon's Load Forecast eDSM adjustments by MWh for savings achieved after 2026.

Table 7 – 2027-2031 Energy Sales eDSM Adjustments by Customer Class (MWh)

	2027	2028	2029	2030	2031
Residential	10,634	23,463	37,129	51,513	66,615

Residential Seasonal	88	193	307	430	560
General Service < 50 kW	6,102	11,030	16,160	21,461	26,930
General Service 50 to 2,999 kW	34,775	61,074	88,530	116,916	146,230
General Service 3,000 to 4,999 kW	3,907	7,068	10,366	13,753	17,228
Large Use	11,193	20,152	29,797	40,130	51,151
TOTAL MWh	**66,699**	**122,980**	**182,290**	**244,201**	**308,714**

Table 8 provides Elexicon's load forecast eDSM adjustments by kW for 2027-2031.

Table 8 – 2027-2031 Demand Sales eDSM Adjustments by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	78,434	135,247	194,192	254,610	318,127
General Service 3,000 to 4,999 kW	5,260	8,734	12,049	15,470	18,901
Large Use	14,080	21,354	28,241	37,300	48,243
TOTAL kW	**97,774**	**165,336**	**234,481**	**307,381**	**385,270**

5. ELECTRIFICATION AND LARGE LOAD FORECAST

Elexicon's revenue load forecast includes electrification and anticipated large loads connecting or expanding demand. The electrification forecast includes electric vehicles and electric heating. Electric vehicle and heating volumes are incremental to the forecast volumes of electrification consumption and demand as of 2026. Ongoing consumption and demand from electrification prior to 2026 are included in the baseline volumes in Tables 1 and 2.

Table 9 and 10 provide the proposed MWh and KW electrification related to electric vehicles (EVs).

Table 9 – 2027-2031 EV Sales Forecast by Customer Class (MWh)

	2027	2028	2029	2030	2031
Residential	7,705	16,595	28,330	42,195	57,417
Residential Seasonal	76	162	277	414	563
General Service < 50 kW	1,035	2,237	3,823	5,693	7,760
General Service 50 to 2,999 kW	491	1,065	1,818	2,706	3,690

General Service 3,000 to 4,999 kW	74	161	278	415	568
Large Use	11	25	42	61	84
TOTAL EV MWh	**9,391**	**20,245**	**34,567**	**51,484**	**70,081**

Table 10 – 2027-2031 EV Demand Forecast by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	4,970	10,692	18,310	27,296	37,236
General Service 3,000 to 4,999 kW	697	1,490	2,580	3,863	5,289
Large Use	151	341	569	839	1,151
TOTAL EV kW	**5,818**	**12,523**	**21,459**	**31,998**	**43,675**

Tables 11 and 12 provide the incremental volumes of heating electrification.

Table 11 – 2027-2031 Electric Heating Sales Forecast by Customer Class (MWh)

	2027	2028	2029	2030	2031
Residential	5,529	11,423	17,706	24,381	31,380
Residential Seasonal	41	83	126	171	218
General Service < 50 kW	1,146	2,348	3,609	4,929	6,310
General Service 50 to 2,999 kW	571	1,167	1,788	2,433	3,103
TOTAL INCREMENTAL HEATING MWh	**7,287**	**15,021**	**23,229**	**31,914**	**41,010**

Table 12 – 2027-2031 Additional Electrification Demand Forecast by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	1,388	2,836	4,343	5,911	7,539
TOTAL ADDITIONAL HEATING kW	**1,388**	**2,836**	**4,343**	**5,911**	**7,539**

Table 13 and 14 provide the proposed MWh and KW electrification related to Large Load requests.

Table 13 – 2027-2031 Large Load Sales Forecast by Customer Class (MWh)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	97,228	123,179	138,681	151,924	157,005
General Service 3,000 to 4,999 kW	104,511	132,798	153,886	165,700	177,300
Large Use	115,157	202,623	278,369	302,978	305,765
TOTAL LARGE LOAD MWh	**316,895**	**458,600**	**570,936**	**620,602**	**640,070**

Table 14 – 2027-2031 Large Load Demand Forecast by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	236,889	300,315	338,228	370,618	383,081
General Service 3,000 to 4,999 kW	224,592	285,322	329,620	353,750	378,007
Large Use	195,255	343,560	471,993	513,718	518,443
TOTAL Large Load kW	**656,736**	**929,197**	**1,139,841**	**1,238,086**	**1,279,532**

6. Rate Zone Forecasts

Separate MWh, billed kW, and customer/connection/light forecasts by rate zone are provided below. Tables 15 to 18 summarize forecasts in the Veridian rate zone.

Table 15 – Veridian 2027-2031 Consumption Forecast by Customer Class (MWh)

	2027	2028	2029	2030	2031
Residential	1,076,025	1,094,323	1,110,490	1,132,356	1,155,634
Residential Seasonal	13,137	13,563	13,936	14,392	14,865
General Service < 50 kW	268,524	268,804	268,505	269,962	270,907
General Service 50 to 2,999 kW	976,145	975,778	976,382	979,717	979,578
General Service 3,000 to 4,999 kW	172,117	191,193	203,911	209,462	216,531
Large Use	434,996	520,133	601,394	630,464	637,881

Street Lighting	11,913	12,045	12,178	12,312	12,448
Sentinel Lighting	81	80	78	77	75
Unmetered Scattered Load	4,589	4,550	4,511	4,472	4,434
TOTAL MWh SALES	**2,957,526**	**3,080,469**	**3,191,384**	**3,253,214**	**3,292,354**

Table 16 – Veridian 2027-2031 Demand Forecast by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	2,378,016	2,385,294	2,396,691	2,416,133	2,427,502
General Service 3,000 to 4,999 kW	391,116	436,513	467,964	483,429	502,621
Large Use	742,952	895,387	1,042,834	1,100,818	1,121,411
Street Lighting	33,230	33,596	33,967	34,342	34,721
Sentinel Lighting	569	558	547	536	526
TOTAL kW	**3,545,884**	**3,751,349**	**3,942,003**	**4,035,259**	**4,086,780**

Table 17 – Veridian 2027-2031 Monthly Average Number of Customers by Class

	2027	2028	2029	2030	2031
Residential	122,249	124,052	125,942	127,908	129,775
Residential Seasonal	1,546	1,543	1,539	1,536	1,532
General Service < 50 kW	9,671	9,754	9,838	9,924	10,009
General Service 50 to 2,999 kW	1,105	1,110	1,115	1,119	1,122
General Service 3,000 to 4,999 kW	8	8	8	8	8
Large Use	6	6	6	7	7
TOTAL CUSTOMERS	**134,585**	**136,473**	**138,449**	**140,501**	**142,454**

Table 18 – 2027-2031 Veridian Monthly Average Number of Connections/Lights by Customer Class

		2027	2028	2029	2030	2031
Street Lighting	Lights	33,884	34,258	34,636	35,018	35,404

Sentinel Lighting	Lights	222	218	214	209	205
Unmetered Scattered Load	Connections	789	782	775	768	762
TOTAL CONNECTIONS / LIGHTS		**34,895**	**35,257**	**35,624**	**35,996**	**36,372**

Tables 19 to 22 summarize forecasts in the Whiby rate zone.

Table 19 – Whitby 2027-2031 Consumption Forecast by Customer Class (MWh)

	2027	2028	2029	2030	2031
Residential	420,144	428,288	435,464	445,663	456,162
Residential Seasonal	0	0	0	0	0
General Service < 50 kW	86,254	86,028	85,581	85,391	85,471
General Service 50 to 2,999 kW	352,712	362,979	368,545	371,826	373,256
General Service 3,000 to 4,999 kW	110,623	118,152	126,309	132,263	137,005
Street Lighting	3,712	3,777	3,842	3,909	3,978
Sentinel Lighting	6	6	6	6	7
Unmetered Scattered Load	1,891	1,901	1,911	1,921	1,931
TOTAL MWh SALES	**975,342**	**1,001,130**	**1,021,658**	**1,040,980**	**1,057,810**

Table 20 – Whitby 2027-2031 Demand Sales Forecast by Customer Class (kW)

	2027	2028	2029	2030	2031
General Service 50 to 2,999 kW	878,248	909,111	929,430	945,060	956,074
General Service 3,000 to 4,999 kW	213,177	229,239	246,916	260,572	271,996
Street Lighting	10,314	10,494	10,678	10,864	11,053
Sentinel Lighting	85	86	88	89	90
TOTAL DEAMND kW	**1,101,825**	**1,148,931**	**1,187,111**	**1,216,584**	**1,239,213**

Table 21 – Whitby 2027-2031 Monthly Average Number of Customers by Class

	2027	2028	2029	2030	2031
Residential	47,177	47,930	48,757	49,614	50,394

General Service < 50 kW	2,533	2,564	2,595	2,627	2,659
General Service 50 to 2,999 kW	411	418	423	428	432
General Service 3,000 to 4,999 kW	4	5	5	5	5
TOTAL CUSTOMERS	**50,126**	**50,917**	**51,780**	**52,673**	**53,490**

Table 22 – 2027-2031 Monthly Average Number of Connections/Lights by Customer Class

		2027	2028	2029	2030	2031
Street Lighting	Lights	11,891	12,054	12,408	12,708	13,024
Sentinel Lighting	Lights	38	37	37	37	42
Unmetered Scattered Load	Connections	371	377	384	389	392
TOTAL CONNECTIONS / LIGHTS		**12,300**	**12,468**	**12,830**	**13,134**	**13,458**