

Presentation

Robert Young

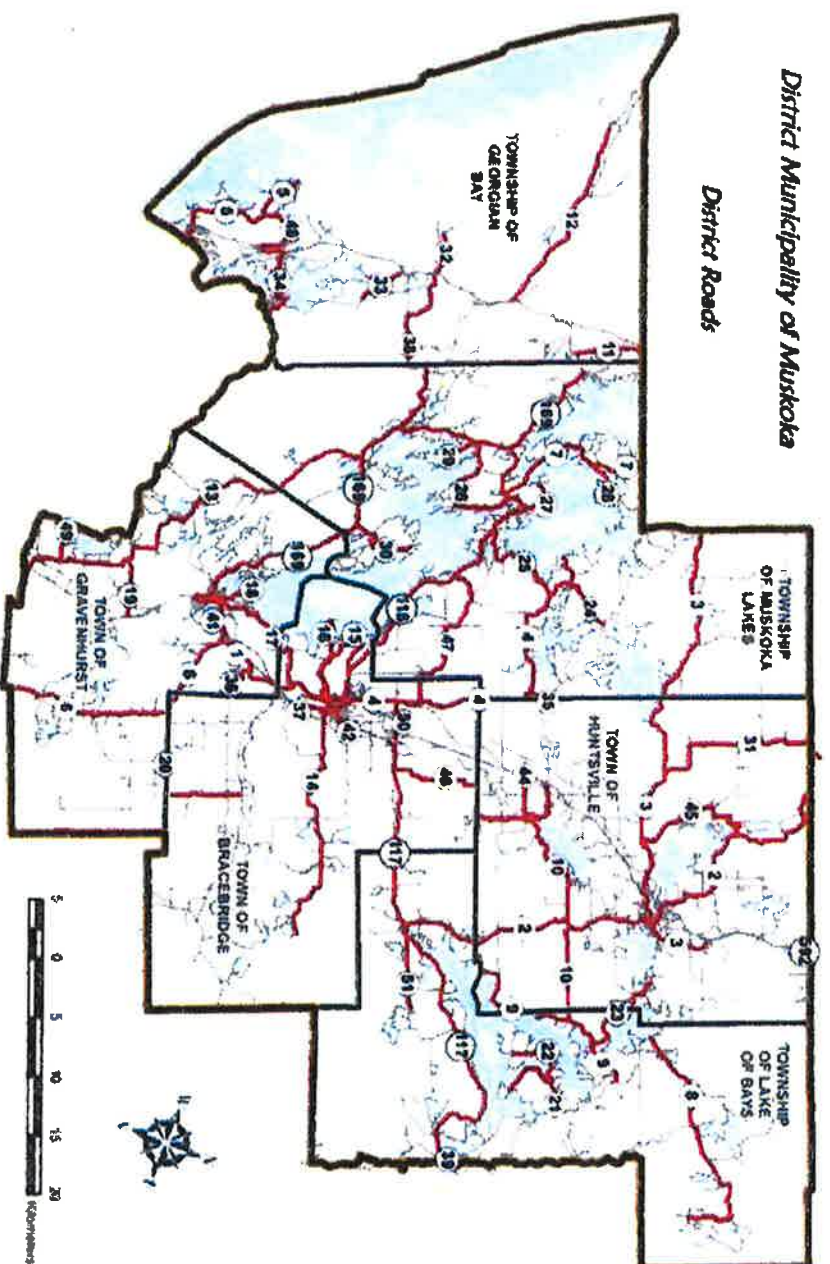
ELECTRICITY - UNAFFORDABLE

LEADING TO

IMPOSSIBLE DECISIONS

TUESDAY, JANUARY 31, 2017

The District Municipality of Muskoka (DMM)



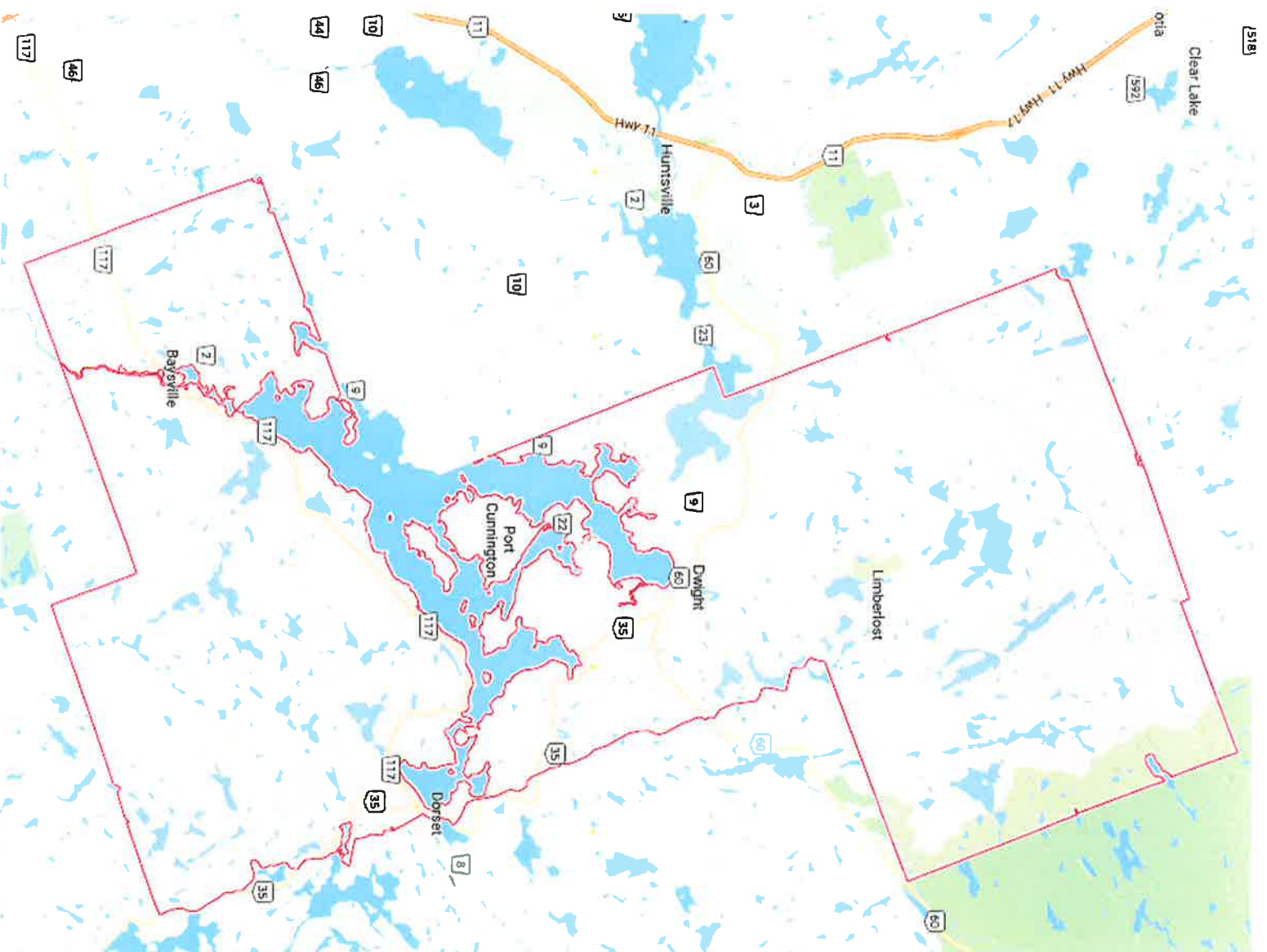
The DMM is an Upper Tier municipality made up of 6 lower-tier municipalities (3 Townships and 3 Towns):

- Township of Muskoka Lakes
- Township of Lake of Bays
- Township of Georgian Bay
- Town of Huntsville
- Town of Gravenhurst
- Town of Bracebridge

The District Council has 23 Councillors (including the chair), 10 of which represent the Townships and 12 who represent the Towns .

TOWNSHIP OF LAKE OF BAYS

- RURAL
- WOODLANDS
- LAKES
- 3 SMALL VILLAGES:
 - DWIGHT
 - DORSET
 - BAYSVILLE
- POPULATION:
 - PERMANENT – 3,500
 - SEASONAL – 13,000



ACTUAL ELECTRICITY BILL

ITEM	2016		2017	
	JUL. 12 – AUG. 12	Nov. 12 – Dec. 12	Dec. 12 – Jan. 12	
Total Energy (kWhr)	1,110	1,540	3,672	
On Peak	183	301	571	
Mid Peak	197	262	537	
Off Peak	724 (65%)	985 (64%)	2,550 (69%)	
Cost of Electricity (\$)	\$121.94	\$174.57	\$395.47	
Delivery Charge (\$)	\$117.59	\$147.56	\$255.98	
Other (\$)	\$39.69	\$53.75	\$106.70	
TOTAL for MONTH (\$)	\$279.22	\$375.88	\$758.15	

- A 1,750 Sq. Ft. house with no basement or furnace – baseboard + propane stove heat
- Propane cost \$1,000 + per year but includes loft and 24kW generator
- NOTE: cost of power up 38% over 4 years! (\$0.15/kWh → \$0.21/kWh)

And THEREFORE

- Do I HEAT or EAT?
- DO I turn down the thermostat, *WAY* DOWN?, and then get sick?
- Many local residents do not have CPP or pensions (life of being seasonally self-employed). One month's electricity bill can be devastating.
- The GST rebate while good, is, relatively speaking, insignificant (\$6.10 credit on last bill).

The ASK

- Please make significant changes to the way electricity is priced, especially in rural areas
- Please significantly change:
 - Delivery Charge
 - Actual cost of electricity

HYDRO ONE BILLS FOR

2013	January	February	March	April	May	May-June	July	August	September	October	November	December	YEAR TOTAL	Avg. Monthly
KWhr Used	3906	4,896	3,509	2,820		2,784	1,218	1,189	1,353	1,392	1,600	2,639	27,306	2,276
Prev Year	4216	3,509	3,808	2,490		2,001	1,218	1,254	1,254	1,612	1,891	1,891	25,144	
On Peak	686.69	852	628	548		415	180	183	222	215	208	497	4,635	
Mid Peak	592	795	517	447		460	233	219	203	291	296	428	4,481	
Off Peak	2637.64	3,524	2,358	1,815		1,892	802	790	935	900	1,109	1,722	18,486	
Pwr Cost	\$305.81	\$384.24	\$273.92	\$223.34		\$221.85	\$100.36	\$98.40	\$111.24	\$117.20	\$131.79	\$234.73	\$2,202.88	
Delivery	207.03	\$258.31	\$193.93	\$161.96		\$180.34	\$89.24	\$88.13	\$111.85	\$114.73	\$126.51	\$188.04	\$1,720.07	
Regulatory	24.92	\$31.13	\$22.32	\$17.96		\$16.55	\$7.06	\$6.92	\$8.56	\$8.84	\$10.11	\$16.44	\$170.81	
Debt Retirement	25.1	\$31.42	\$22.46	\$18.02		\$17.74	\$7.79	\$7.64	\$9.52	\$9.84	\$11.29	\$18.53	\$179.35	
subtotal	\$562.86	\$705.10	\$512.63	\$421.28	\$0.00	\$436.48	\$204.45	\$201.09	\$241.17	\$250.61	\$279.70	\$457.74	\$4,273.11	
HST	\$73.17	\$91.66	\$66.64	\$54.77	\$0.00	\$56.74	\$26.58	\$26.14	\$31.35	\$32.58	\$36.36	\$59.51	\$555.50	
TOTAL	\$636.03	\$796.76	\$579.27	\$476.05	\$0.00	\$493.22	\$231.03	\$227.23	\$272.52	\$283.19	\$316.06	\$517.25	\$4,828.61	
Credit	\$53.21	\$53.26	\$54.15	\$47.61		\$49.33	\$23.10	\$22.72	\$27.25	\$28.32	\$31.61	\$51.73	\$442.29	
NET TOTAL	\$582.82	\$743.50	\$525.12	\$428.44	\$0.00	\$443.89	\$207.93	\$204.51	\$245.27	\$254.87	\$284.45	\$465.52	\$4,386.32	
2014	January	February	March	April	May	June	July	August	September	October	November	December	YEAR TOTAL	Avg. Monthly
KWhr Used	4,386	3,683	3,770	3,248	2,656	870	1,122	1,140	1,080	980	1,386	2,436	26,757	2,230
Prev Year	3,906	4,896	4,896	3,509	1,526	1,018	1,102	1,102	1,353	1,392	1,600	2,639	28,939	
On Peak	694	716	642	625	455	130	168	185.7786	162	157	185	462	4,582	
Mid Peak	602	620	571	513	373	170	191	191.1384	189	203	230	428	4,282	
Off Peak	3,096	2,353	2,544	2,108	1,821	579	779	774.7842	729	617	973	1,534	17,907	
Pwr Cost	\$378.04	\$329.43	\$328.12	\$288.29	\$231.72	\$80.07	\$102.50	\$104.60	\$97.75	\$90.10	\$124.35	\$231.62	\$2,386.59	
Delivery	\$290.68	\$256.44	\$259.77	\$229.49	\$193.18	\$27.04	\$102.59	\$103.47	\$99.10	\$92.98	\$117.62	\$181.47	\$1,953.83	
Regulatory	\$27.11	\$22.81	\$23.22	\$20.09	\$16.45	\$5.63	\$7.31	\$7.41	\$6.97	\$6.33	\$8.89	\$15.34	\$167.56	
Debt Retirement	\$30.74	\$25.83	\$26.29	\$22.72	\$18.54	\$6.16	\$7.97	\$8.06	\$7.56	\$6.83	\$9.72	\$16.97	\$187.39	
subtotal	\$726.57	\$634.51	\$637.40	\$560.59	\$459.89	\$118.90	\$220.37	\$223.54	\$211.38	\$196.24	\$260.58	\$445.40	\$4,695.37	
HST	\$94.45	\$82.49	\$82.86	\$72.88	\$59.79	\$15.46	\$28.65	\$27.48	\$25.51	\$33.88	\$57.90	\$610.40		
TOTAL	\$821.02	\$717.00	\$720.26	\$633.47	\$519.68	\$134.36	\$249.02	\$238.86	\$221.75	\$294.46	\$503.30	\$5,305.77		
Credit	\$56.08	\$58.30	\$57.53	\$58.55	\$51.97	\$20.22	\$24.90	\$23.89	\$22.18	\$29.45	\$50.33	\$478.66		
NET TOTAL	\$764.94	\$658.70	\$662.73	\$574.92	\$467.71	\$114.14	\$224.12	\$227.34	\$214.97	\$199.57	\$265.01	\$452.97	\$4,827.11	

Hyg Hyg Monthly 2, 116

[illegible]