RECORD OF ACETYLENE GAS PLANTS INSTALLED THROUGHOUT CANADA.

(TABULATED FROM REPORTS SUBMITTED TO THE CANADIAN ELECTRICAL ASSOCIATION.)

Town	Generators Number installed.	Number discontinued.	Number in use.	Period of Use.	Capacity in Lights.	Number of Accidents.	Advantages.	Disadvantages.	Remarks.
Arthur, Ont.	3	3	0	2 years.	20-16 c. p.	1 explosion.	They have light when required.	Much trouble with Acetylene Gas.	Explosion occurred by gas leaking.
Annapolis, N.S.	1		1		20 lights.				Does not give satisfaction.
Aurora, Ont.	1	0	1	2 years.	40-16 c. p.	No accidents.	Cheapness.	Bad odor. Extra labor in looking after.	Formerly had Electric Light. Imagined Acetylene Gas cheaper. By strict economy costs 75 , of Electric Lighting. If used as freely as Electric Light would cost more.
Avonmore, Ont.	1	0	1			Explosion.			Man's hands and face burned. Boy left generator open, caused explosion.
Almonte, Ont.	1	0	1	6 months.	30.	None.	Cheapness claimed, but not as cheap as expected.	People afraid of them, there being so many accidents.	Only a short time established.
Arkona, Ont.	3	0	3	2 years.		One explosion; man badly burned.			These Plants are used here because no other light obtainable except coal oil.
Berlin, Ont.	5	1	4	4 years.	8 to 10 lights	None in Berlin	Better light is claimed.	Strong smell. Danger in handling. Labor and inconvenience in manufacturing.	College authorities gave this matter a thorough test. After using it for a few weeks they threw out the entire Plant, and now use Gas and Electric Lighting for their buildings.
Blenheim, Ont.	4	0	4	Some 1 year; some 2 mo.	15 lights ea.	1 explosion by lighting match where gas had escaped.	Cheaper than electric light.	Think after being in use for some time valves will stick and clog, and probably cause explosions from high pressure. May explode any time from gas escaping when a light is near them.	One man nearly lost his eyesight when the explosion occurred.
Blythe, Ont.	3	1	2	Less than a year.	3 to 6 lights.	None.	Claimed costs half-cost elec. light.	Gives considerable trouble. Costs ⅓ more than electricity and is of short duration owing to cost.	Has been a benefit to Electric Light Plant.
Bridgewater, N.S.	1	0	1	6 months.	12 lights.			Owner would prefer electricity.	Plant is situated about 9 miles from Bridgewater, hence reason for using Acetylene Plant.
Brantford, Ont.	1	1	0	5 months.	20 jets.			Poor light. Machine did not work right.	
Brampton, Ont.	3	1	2	6 months.	10, 20, & 75 lights.	None yet.	Claimed to be cheaper, but not so.	No advantage. Incandescent lamp is far superior. Cost too much and are dangerous.	The people who have the machines are not satisfied with them. Two out of the three generators will not work.
Brandon, Man.	4	4	0	1 year.	20 lights ea.	None.	None.	Dirty, unreliable, costly, etc. (Not sufficient brains to run the machine.) (First-class elec. light system.)	
Brigham, P.Q.	1	0	1	1 year.	5 to 20 lts.				
Carleton Place, Ont.	7	1	6	From 2 mths to 1 year.	20 to 75 lts each; total 350 lights.	None.	Cheaper light.	Very bad odor. Risk of explosion, etc.	Have been told that some who have Acetylene Plants here have since admitted that it is no cheaper than Electric Light. (One of these Plants in Ashton, seven miles from Carleton Place.)
Chatham, N.B.	3	0	3	About 4 mths	30 to 40 lts.	None.	Cheaper than elec. light, for which charge is made 10c per 1000.	Two of the parties also kept Electric Light and have to use it so often that their bill is about the same monthly. Late in evening light gets dim and then they have to turn on Elec. Light.	What is installed in Chatham is no advertisement for Acetylene Gas.
Charlottetown, P.E.I.	2	0	2		10 & 20 lt.	None.	No advantage.	Carbide too expensive.	
Clinton, Ont.	3 and 2 more to be instl'd.	0	3	About 1 year	1-75 lt. 2-40 lt.		Cheapness and good light at any and all times.	One owner of a gas plant informs that it is not as cheap as he was led to believe.	
Coaticook, P.Q.	1	0	1	6 to 8 mos.	20 lts.	None.			
Colborne, Ont.	0	0	0				Cheapness.	Great danger of explosions and damage to property, high insurance rates, etc.	Agents trying to establish Plants here so far unsuccessful. So many explosions in Ontario, people in Colborne are afraid of it.
Cowansville, P.Q.	1	0	1	1 year.	5 to 20 lts.	One.	That it is cheap as coal oil & cheaper than electricity.	Satisfied that it is not as cheap as electricity.	Man got his hand nearly blown off.
Dunham, Que.	1	0	1	1 year.	5 to 20 lts.				
Dundas, Ont.	4	1	3	1 year.		One exploded while being recharged.			Machines are manufactured here.
Dunnville, Ont.	0	0	0						Party had one on exhibition for some weeks; unable to sell even one Plant. Natural gas here as competitor with Elec. Light, used through Auer burners.