TGOMERY. Brighton

FUNERAL .

nantie drama:rown" (Taylor) ung ladies: Miss ueen Elizabeth; eson as Paget: as Renard, Miss sussex, and Miss arrington. The very effectively es of the prouartette-March ) by Misses tz and Purcell; Koven) by Miss solo Automne )-Miss Winniquartette "Invi-(Weber) Missaples and Mr. V.

Western Union have agreed to ganize. res selling food close at 8 p.m. Board.

# GAS VERSUS ELECTRICITY

Question of Belleville's Gas Problem Ably Discussed by Mr. Geo. W. Allen, of Toronto, Secretary-Treasurer of the Canadian Gas Association.

## ELECTRIC HEATING **IMPRACTICAL**

Mr. Allen Claims That Gas is Coming Into Its Own—Electricity is Not a Substitute For Heating—Electrical Possibilities of Ontario Not Unlimited.

I am greatly interested in an editorial entitled. The Gas Department, From this I note your remarks rewhich you published in May 31st garding Mr. Gardner, the manager connection with the gas and electri-

editorial I should take it paragraph by paragraph if I am to answer it in the manner it should be done.

### The Grouches

Paragraph No. 1 of your article city and its departments, or between should be abolished." the public and public utilities in A number of complaints came in that or later supplant it. the pressure was being unduly raised; others, that their meters would operate whether gas was passing

them at the city hall where the Department would look into each individual case. Strange to say, that

where the increase of gas consump- power.

many that I could quote, where com- Conservation Commission, the applipanies and corporations have been eation of electric energy in the prohave no foundation in fact. As your gerated possibility. We have, for

Mr. Gardner A Capable Man

Paragraph No. 3 of your article. injuring yourselves by such a movejustice to a tried and faithful em-

## "Resolved that the City Gas Plant

Paragraph No. 4. I notice you say that the special committee should brings out a point worthy of men- not disband without looking thortion and that is in connection with oughly into the working of the gas

consequence were not losing any- your views that gas is a back numthing by the reduction in the price. ber and that electricity will sooner

That gas is only lately coming in through or not; and others that the to its own goes without saying with the standard. So great became few extracts from reports of eminer

that in the opinion of so able an en-This is only one instance among gineer as Mr. Arthur V. White of the

would be exhausted within a certain number of years was offset by the beief that long before that time we would have become quite independent of coal. Mr. White, of course, doesn't say that eventually means will not be found to produce a suitable substitute for coal. The point is that we cannot rely on our water

that took place between the engi-ahead of this great industry. neers representing every branch of national injustice.

### Gas Has a Great Future.

We do not believe there has been a meeting held anywhere within recent years that could give gas men issue of The Weekly Ontario. In the of the plant, and I quite agree with more encouragement as to the future ordinary course of events I might you that he is an extremely con- of their industry, than that same having had considerable experience of your city. He understands the Civil Engineers, held in Toronto on in the electrical field, and several technical side of his duties thorough- the afore-mentioned date. This solution of the problem. That gas the future of this and other counmany papers and discussions.

It was pointed out by a number of per day, the electrical engineers present that "Isolated Grouches" that oftimes ex- plant; and in paragraph No. 5, you the people of the country need not ist between one corporation and an- bring up the question for debate, depend upon electrical energy ever other, or between the people of the "Resolved that the city gas plant being a solution of the heating problem. It was manifestly shown that In paragraph No. 6 you say that electrical energy was primarily ingeneral. I know of many instances you are not prepared to debate that tended for power purposes and to use where large corporations have been question, either affirmatively or it as a source of heat was robbing assailed for doing things which, on negatively at the present time, but the country of energy which would investigation, have proven to be that you present some facts and con- do double or triple more duty if used without any foundation whatever. A siderations that might afford the as motive power. It was shown that few years ago, there were a number committee a basis for some minute all the available water power of the of complaints brought against the investigation. It is here that I country could not supply the maxi-Gas Company of Toronto, stating would specially like to draw your at- mum demand that would be created that the company, although reducing tention to something that you your- for electricity, for heating purposes the price of gas, were still making self, no doubt, have not even thought even in a few large towns, aside out the bills as aforetime, and in of, and which is quite contrary to from the great amount of energy that would be required for power purposes on railways and in the industries of our land, not to say anything of the lighting loads.

quality of the gas was far from being those who know the situation, and a Fuel Division of Mines, Ottawa, Can.. the agitation that something had to authorities, may be of interest to en the meeting and his paper on in the country should be turned over purposes when it might be doing be done, and following a deal of you at this time, in this connection. "The Fuels of Canada" was an in- to gas manufacturing, of coke oven as I said before, doubly and triply newspaper publicity, especially that That gas, for illuminating pur- teresting one. The Fuel outlook plants when the gas content would more efficient work for the electric of one newspaper which began pub- poses has not as promising a future was neither discouraging nor gloomy be released and sold in centres that fication of railroads and for power lishing the complaints, consequently as electricity, I grant you, but still if proper exploitation and economy could not conveniently get a wood or purposes in our factories, and our stimulating the activity and the there are thousands and hundreds of use be assured. The situation was coal supply. It could also be distriagitation; resulted in the City Counthousands of homes throughout the difficult because Canada drew 55% buted in as large an area as possible our domestic and industrial heating cil taking up the matter and ap- country that will be a long time of her coal from the United States for domestic, industrial and other problems. proaching the Government for relief throwing out gas, because of the fact and also 91% of her oil products. heating purposes at a low price This is a long article but I hoped through its Inland Revenue Depart- that there is not yet, and will not be Canada would therefore be hard while the coke would be used in cenment, finally succeeding in having for sometime, sufficient electric pow- pressed if there was a curtailment of tres not conveniently situated to the yourself and for the people of Bellethe Government appoint an Inland or to supply the many local require- this supply. Mr. Hannel pointed out Revenue Investigation Committee to ments. Electricity for baking, iron- that the central provinces of Canada lized in metallurgical, foundry and receive the complaints of the citizens ing and other purposes is no longer had 12,000 sq. miles of peat bogs smelter operations, and if necesand try to do something to solve the an experiment, but would be an ad- and 16 million tons of peat fuel. Ow- sary for the generation of steam mitted success as far as doing the ing to the great water content of work is concerned if it were not for peat, something like five times its best be utilized as a gas producing the fact that the use of electricity own weight of water, the drying pro-The Inland Revenue officials came for such purposes is nothing short cess was an expensive operation, ing purposes. to Toronto, and gave publicity to the of a national crime when the same But one of the efficient means of metter in the papers advising the electricity used as motive power utilizing peat was brought out in Up-to-Date Gas Plant a Valuable people to bring their complaints to would do 25, 50 and in some cases the discussions when it was stated 100% more useful work. that it could be used in gas plants The city of Belleville and a good His letter should be carefully porus. onesided, it was not that way. Every for the production of gas, or else many other gas cities would do well ed by every citizen. Electricity Fails as Heating Agent used in powdered form as a boiler to spend considerable money on their we will be pulling of some fort notwithstanding the publicity, and Many people are looking forward fuel. Other engineers pointed out gas plants, for I am sure, that the ments on the letter at present, any in face of the fact that over 67,000 to the days when electricity will sup- that almost all the bituminous coal result would more than offset the further than to state that The On games. The result of this game end- as some of the political folk would people were being supplied with gas, plant the use of coal and gas and mined or brought into this country expenditure involved. It would be a tario has no compunctions of concomplaints came in from less than other fuels in the heating of their could be more efficiently used if surprise to many of the smaller gas science in regard to the substitution to 4. Lineup: 130, under 2-tenths of 1 per cent., homes and in doing many other heat- turned into gas and the coke re- towns if they suddenly had the gas of electricity for gas in heating the Manle Len and this, as I said before, after the ing operations, but, using the words leased for the purpose that could shut off and were forced to purchase metal used in our linotype machines matter had been the subject of con- of Mr. Arthur V. White, Consulting most efficiently use it, and the gas coal or electricity to make up the By careful calculation we have as-Engineer, Commission of Conserva- released for general house heating, loss. It cannot be truthfully said that tion, that the sooner "The public and other purposes at a low rate. It A gas plant, in proper hands, and ing more than \$500 a year by the such a percentage represented any- mind is disabused of the idea that, may be a surprise to you to know kept in an up-to-date condition be- lower cost of electricity and the inthing approaching a general com- as a heating agent, electric energy that many electric irons are using comes an asset that no city or town creased efficiency of the linotype opplaint. On analysis of these com- could be made an adequate substi- double and triple the amount of would ever think of doing without, erators, who have now a steadier plaints only 15 complaints, or tute for coal for the citizens of Can- electricity that would be required to The gas plants mentioned by you at and more dependable heating agent. 12% of the 130 were due to the ada, the better it will be for it." He do more efficient work as a prime Cobourg and Napanee cannot expect. There is no shortage in the Trent company's own unintentional errors. states that its economical use is in mover. It would take almost 1,500 to ever be worth anything as long as Valley, as Mr. Allen seems to fear at Over 51% complaints were those the direction of the development of H.P. of electrical energy to supply those controlling the situation in Toronto. We are not cheating anytion was really small, not over 5%. An editorial published in the April used in each home in Belleville the Electrical Department) are al-change. There are still tens of or where the bill was clearly ex- issue of "Industrial Canada, on elec- alone, let alone the power that would lowed to manage the affair. For it thousands of horse-power undeplainable by consumers conditions tric heating, states that, "It will be required if electric ranges" and stands to reason that if these busi-veloped along the Trent and its trisuch as, amount of work done, in- doubtless come as a surprise to many other electric household utilities ness men have nothing but electric- butary streams, while the Moira were in general use.

activities of our country, and to even consider the possibilities of doing away with the present gas plant

### is nothing short of foolishness.

If the people of Belleville and powers to do the trick. They will be the doing away with their gas plants science teachers and professors adgas plants in first class condition improvements to electric ranges beother source of electrical energy is they would not only be able to make fore they will supplant gas. the gas cheaper, but would be also able to distribute it in a manner At the first general meeting of the that would make it much more effi-cheapness may be found, but they Canadian Society of Civil Engineers, cient than it is at the present time.

At the beginning of the hydro the fuel industry that electricity was electric development work, the Con- like to. doing the country a great service sumers' Gas Company of Toronto. whenever it was utilized for power although at that time having been electric ranges in the city of Toronto purposes, but when used as a heat- 61 years in business, established a while there are over 50,000 gas sumers of gas; in nine years, nothave passed over this editorial, but, scientious and hard working servant meeting of the Canadian Society of withstanding the extreme competition from the electrical men, the let the matter go by without saying this or at any time would not, in my press purpose of analysing the pres- sumers on its books; more consumsomething that may be of interest way of thinking, be in the public in- ent fuel and power situation and if ers than the city itself has water to yourself and to your readers in terest, and I am sure you would be possible to arrive at a satisfactory customers, and the output of gas itment, and doing as well, a gross, in- will play a very important part in output of around five million cubic tries was clearly shown in and million cubic feet average daily, and through a careful analysis of these on some days during the past winter. owing to a shortage of coal, the company helped out the situation by

paign of education has proven that with the use of electricity that "it the use of gas is an economical solu- is primarily intended for power purtion of our fuel problem. Almost all coals should be utilized for heating."

in some form or other in the manution of the heating and fuel problems country is to be saved from very seri-

for the future is in this direction and advertisements advises the people to for the Beavers were Symons and believes that wood fuel should only use gas wherever possible for cook- Ashley; for the Eagles, Latchford be used by the people in closest prox- ing and heating purposes. imity to the source of supply and . As a former electrical man I, too, Mr. V. H. Hannel, Chief of the be shipped to centres where there is what can be done with electricity in an abundant wood supply. Coal the way of heating, still it is a nabrought into the country and mined tional crime to use it for heating coal or wood supply, and also uti- ville. power. Peat, as I said before, could

Asset

power for irons if one fron was these towns, (as in these instances, body out of light or power by the ity before their vision they cannot River has no electrical development Power Possibilities Exaggerated see any good in the gas plant, but I whatever. venture to say that these gas plants | Electricity for the heating of

An eminent electrical engineer in the hands of independent and go-homes, is, we believe, entirely out of played, by the Canucks vs. Tigers, Vancouver, B.C., where she will rethe target for many complaints that duction of heat is a very much exag- speaking at the recent meeting held ahead men would very soon need to the question with present appli- the result was a win for the Can-main with her daughter for some n Toronto, stated that the power be enlarged to take care of the de- ances. The cost would be several utks. This was a very close game, time. editoral says, "It is only when such sometime, had a sort of pleasing feel- possibilities of Niagara Falls were mand for the gas that would be hundred per cent greater than with the score standing at full time 20 to Mrs. R. Waddell and Miss Mary individual complaints become num- ing that sooner or later means would very greatly exaggerated and that created. The same thing applies to coal at the prevailing war prices. 17. Lineup: erous that they indicate something be devised for the economic utilizathere would not be sufficient power Belleville. Your good manager. But it would be idle for any of us, Carucks tion of the electric current in heat- at the Falls to supply anything near however, is handicapped by the run- expert or otherwise, to predict what

the requirements for heating pur- down state of the gas plant through the future may have in store in re- J. Hurley es of a city the size of Toronto no fault of his, but from what is I gard to electrical heating. It is a alone. Engineers all over the coun- understand, lack of funds to put the process still in its infancy. Inven- H. Read try have seriously considered the plant and system into an up-to-date tion may or not solve the problem of part that gas will play in the future condition, that would in time re-cheap and efficient domestic heating dound to the great good of Belle- by electricity as it has cheap and

For Cooking

In paragraph No. 8 your remarks regarding electrisity for cooking, etc. other towns, who are considering are noted. Many of our domestic adequate for power purposes but not would get together and put their mit there remains to be made many

Isolated cases can be found where the difference in electricity for are few and far between. The great One has only to review the gas mass of people in the first place canwas quite evident from a digert of situation of a city like Toronto to not possibily, in the ordinary course the papers read and the discussions see what great possibilities there are of events purchase the appliances, owing to the high cost of electrical equipment, even though they would

### The Case of the Type-Setting Ma-

type-setting machines is in itself a pity, because, I am sure if the thing was general the country would be advantage for power purposes.

now connected with the electric Power controller says in connection poses only and should not be used

years will be in this direction if the ple of the country; and they then the Eagles and a good many inter- for the year, as follows: The writer's own opinion regard- appliances. The United States Fuel but will do a great deal to develop ing the solution of the fuel problem Administration in recent published some first-class players. Batteries

that no coal should be allowed to can say that although I appreciate Beavers

Yours very truly. George W. Allen,

Secretary-Treasurer Canadian Gas Association

certained that we are actually cav-

efficient lighting and power production. We are very optimistic Electricity not Cheaper than Gas that the fortunate discovery will be C. Casemen eventually made.

> Electricity for the concentrated work of cooking, ironing and simi matter. A small unit of electricity as of gas, is brought to bear on a A. Bongard limited surface. A comparison of S. Curry and N. costs of gas and electricity for these little services, that we have made from a somewhat extended examia surprisingly high percentage, using costs at Belleville as the basis. Now that the debate has been op ened we will be glad to hear from

## Y.M.C.A. Notes

ing agent was doing the country a new business department for the ranges and 25,000 gas water heaters one around the "Y" in that we have education of its consumers in the in use. Over 30,000 of these gas given every boy in the public schoolproper use of gas, teaching them ranges were purchased within the who could not swim the opportunity how to use it more efficiently and last few years, notwithstanding the to learn. Our aim was to teach evthus get the greatest good out of it possibility of being able to obtain ery boy to swim and we have been for the amount of money expended, the cheapest electrical energy in the very successful in teaching quite which will be a great benefit to them if an accident should ever happen to them in the water. This week will end the free-swims. Total number of boys handled for the month and a

About forty boys took the opportunity of going on a treasure hunt robbed of useful energy that could last Saturday, and all reported a The past winter has shown us that night before and ever so far a note it does not take much to make a was hid telling where to find the Contingent Association for the manshortage in the power. Store win-next note until the last note was dows cannot be lighted by it and found telling somewhere near where hundreds of factories are unable to the candies were to be found. This forwarded to the Canadian soldiers obtain it, and I might say that one proved to be a very exciting time overseas. The pudding will be put of the biggest problems before the for the boys as some of them were up in five-pound tins and for every people who want to use electricity right near the box several times and fifty dollars, sixty puddings will be boys returned to the Y. where they vidual making the contribution. Hundreds and thousands of indus- power required. The fuel situation enjoyed a half hour's swim. The Hundreds and thousands of indus-tries in the city of Toronto are using is a very serious one and as the lucky boy to find the candies was ion Bank here, is treasurer of the Richard Sinfield.

Y.M.C.A. Baseball Last Saturday a number of the boys met and organized a playground baseball league and Wednesday afternoon was the opening of the would not be blinded to the shortage esting plays were pulled off. This of it and go on using it in wasteful game is somewhat new to the boys

9	Deavers	2.	Eleagies
1		1B	
-	Clark		L. Stork
g	14.7	2B	
,	C. Doolittle		E. Edwards
y		3B	4-1
-	W. Harden		J. Nevery
r		S.S.	
r	J. Day		A. Turney
f		R.F.	
g	M. Symons		H. McKnight
	A second of the	L.F.	
e	H. Moxan		D. Weeks
0		P	
-	F. Symons		M. Latchford
	La Carrier La Carrier	C.	
	G. Ashley		Walters
		C.F.	1
	C. Brant		A. Weeks
n		ers 23;	
	700		

thank Mr. Allen for his very valu- ween the Maple Leafs and the clothing and other necessaries for able letter and the fund of informa- Giants and proved very interesting the mass of the people and for the tion he has given us on the local and for the boys. While the score would Allies and their armies. general situation in regard to gas, make it seem as if the game was all ed in a win for the Maple Leafe, 15 have us believe.

Maple Leafs		Giants
	1B	1.4
A. Buck		R. Sinfield
200	2B	Taran Salara
A. Andrews	100	J. Woodley
	3B	
J. Riggs		J. Weeks
	R.F.	
Hardwisk		E. Hews
	L.F.	
H. Joss		J. Harris
(1) A A A A A A A A A A A A A A A A A A A	P.	
J. Munroe	· Aryon	W. Day
Mr. I i	C.	
F. Keller		A. Weir
4	C.F.	
J. Reeves		D. Turney
B. Brown, si	pare.	

In the evening game which was Mrs. A. Sills left on the flyer for

McAlpin F. Boyer C. Kerr K. Emerson H. Mitchell

June 19-Canucks vs. Tigers June 26-Tigers vs. Canucks. July 3-Canucks vs. Tigers.

July 16-Tigers vs. Canucks. West Side-

June 19-Beavers vs. Eagles. June 19-Maple Leafs vs. Giants June 26-Eagles vs. Maple Leafs. June 26-Giants vs. Beavers.

July 3-Maple Leafs vs. Beavers July 3-Giants vs. Eagles. July 16-Eagles vs. Beavers July 16-Giants vs. Maple Leafs.

July 23-Beavers vs. Giants. July 30-Beavers vs. Maple Leaf July 30-Eagles vs. Giants

July 23-Maple Leafs vs. Eagles

## 100,000 lbs. **Xmas Pudding**

TO BE MADE AT HAMILTON FOR

Hamilton, June 21 - The Cana dian Red Cross Society has placed was for a box of candies hidden the the Hamilton fruit kitchen and staff every boy was on his toes until the delivered in London, England, bearcandies were found, after which the ing the name of the society or indi-

### A WASTE OF LABOR

A Philadelphia girl who inherit-West Side, the East Side playing ed a million dollars, and whose af so their game in the evening. In the fairs are under control of a judge. of our country within the next few cheap it would be better for the peo- afternoon the Beavers clashed with recently exhibited to him her budget

Clothing, manicuring, shampooing, hairdressing .. .. \$3000 Education, church contribu Entertainment, dinners, dances, hotels .. .. .. .. 2000 Eeagles Physicians, opticians, dentists 1000 Upkeep of automobiles, insur-

Social duties at school and elsewhere ..... 3000 A nation which is being urged to

cut down its allowance of beef, pork and wheat will probably read these items with some pretation. The harm is not measured merely by the amount of money expended. It consists mainly in the misdirection and waste of energy through employment that serves no useful purpose. The people who are making useless articles of tuxury for this child, or dancing attendance upon Editor's Note.—We desire to The second game was played bet- her, ought to be producing food,

### CONCERNING TITLES

Titles neither make nor unmake the man. Titles where granted for indifferent or no service defeat themselves. They stamp the holder as merely a political wire-puller and a snob.--London Free Press.

Miss Blanche Sills, of Holloway is visiting Mrs. Caldwell, Charles St

Mrs. Wm. Robertson left on the flyer for her home in Chicago today.

Miss Mildred Fagan has gone to Erie, Pa., where she intends to spend her holidays.

Adjt. N. R. Trickey who is in charge of the S. A. Work here has with his family moved to 270 Ann

Waddell 168 James street left yes-Tigers terday on a short visit to friends in

Kingston.