

ELECTRIC LIGHT INSPECTION STATISTICS.

THE annual report of the Commissioner of Inland Revenue for the Dominion, for the fiscal year ending June 30th, 1896, contains the first statistics compiled relating to the inspection of electric light meters under the provisions of the Electric Light Inspection Act, which went into operation in June of last year. The report states that offices for testing purposes have been fitted with the necessary apparatus at Windsor, London, Toronto, Hamilton, Belleville and Ottawa, in Ontario, at Montreal, Quebec and Sherbrooke, in Quebec, and at St. John, N. B., and Halifax, N. S. A set of Lord Kelvin's absolute standard apparatus, both for the measurement of current and potential, is being placed in position in the standards branch at Ottawa by Mr. O. Higman, electrical engineer of the department, which, it is expected, will prove of great value to electric lighting companies as a convenient means of standardizing their measuring instruments.

The total revenue during the year from registration and inspection of meters was \$8,681.25, and the expenses of the department \$6,693.23, a large portion of the latter being for permanent equipment.

It will be observed by the accompanying table that 3,705 meters were inspected, of which number only 110 were rejected, while four were verified after the first rejection. In the city of Ottawa there are the largest number of meters, 938, while Montreal has 626, Hamilton 537, and Toronto 345.

STATEMENT SHOWING THE NUMBER OF ELECTRIC LIGHT METERS VERIFIED, REJECTED AND VERIFIED AFTER REJECTION.

Districts.	Number.	Verified as coming within the error tolerated by law.			Rejected			Verified after first rejection as coming within the error tolerated by law.		
		Correct.	Fast.	Slow.	Un-sound.	Fast.	Slow.	Correct.	Fast.	Slow.
Belleville	233	56	125	52						
Hamilton	517	149	98	285			5			
London	345	118	158	85						
Ottawa	938	166	3	149	19	33	19			
Toronto	345	4	319	22						
Montreal	626	83	232	301	1	1	8			
Quebec	216	20	99	87	4	1	2	1	2	
Sherbrooke	6	1	1	4						
St. John	166	35	71	78		1	1			
Halifax	257	140	58	47		8	3			
Totals	3,705	772	1,513	1,310	32	39	35	2	2	

The following statement shows the electric light companies registered under the Act during the year, together with the number of lamps operated. Each arc lamp is reckoned as equal to ten incandescents:

STATEMENT SHOWING THE ELECTRIC LIGHT COMPANIES REGISTERED UNDER THE ELECTRIC LIGHT INSPECTION ACT DURING THE YEAR ENDED 30TH JUNE, 1896.

FROM WHOM COLLECTED.	NUMBER OF LAMPS.		
	Arc.	Incandescent.	Totals.
Trenton Electric Company	51	103	633
R. R. Casement & Co., Madoc			
W. H. Pearson & Co., Belleville	40	400	800
Corporation, Town of Picton	21	300	510
Stormont Electric Light and Power Company		1,300	1,300
Vanklee Hill Electric Works		500	500
Village of Alexandria		400	400
Kingston Light, Heat and Power Company	105	2,000	3,050
Napanee Water and Electric Light Company	13	31	321
Light, Heat and Power Company, Lindsay	100	4,000	5,000
Port Hope Electric Light and Power Company	37	450	487
Bowmanville Electric Light Company	46		460
Peterborough Light and Power Company	118	1,000	4,180
Corporation of Campbellford	22	409	629
Lakefield Electric Light Company	20		200
Fenelon Falls Electric Light Company	5	270	320
Village of Colborne Electric Light	27	17	287
Coburn Electric Light and Power Company	30	600	990
W. J. & H. W. Foulds, Electric Light, Hastings	8	132	212
W. C. Harrison, Electric Light, Norwood	25	119	359
Milbrook Electric Light Company	7	400	470
Brookville Electric Light and Power Company	34	1,600	1,600
Morrisburg Electric Light (A. H. Merkle)		600	600

FROM WHOM COLLECTED.

NUMBER OF LAMPS.

FROM WHOM COLLECTED.	NUMBER OF LAMPS.		
	Arc.	Incandescent.	Totals.
Gananoque Electric Light and Water Supply Company	16	1,600	1,760
Kempenfelt Electric Light Company		380	380
Merrickville Electric Company		200	200
Prescott Electric Light Company	18	750	930
Ingersoll Electric Light and Power Company	60	550	1,050
Brantford Electric Light, Heat and Power Company		2,531	2,531
Woodstock Electric Street Railway Company	68	250	1,230
Brantford Electric and Power Company	56	2,200	2,760
Grand Water Company, Simcoe	36	235	585
Paris Electric Light Company	45	400	850
Norwich Electric Light	15	32	182
Port Rowan Electric Light Supply	20	24	424
Tilburg Electric Light (F. J. Barker)	31	142	472
Port Dover Electric Light Syndicate	8	80	160
Hamilton Electric Light Company	450	8,000	12,500
Dunnville Electric Light Company	35	38	388
Niagara Falls Electric Light, Heat and Power Company	50	1,440	1,940
Hagersville Electric Light Company	20	5	205
Welland Electric Light Company	30	500	800
St. Catharines Electric Light and Power Company	68	900	1,580
Cayuga Electric Light and Power Company	9	359	449
Thorold Electric Light Plant (Jas. McGill)	30	375	735
J. W. VanDyke Electric Light Plant, Grimsby	8	250	330
Corporation of the Town of Niagara		800	800
London Electric Light Company	350	5,155	8,655
Samia Gas and Electric Light Company	57	240	770
St. Thomas Gas Co., supplying Electric Light and Light.	55	137	687
Fitzgerald & Sauerbann Electric Light Company, Watford	14	50	190
Freeman N. Saylor, Strathroy	20	51	341
Petrolia Electric Light, Heat and Power Company	30	770	1,070
Hamilton & Prout, Forest	17	50	220
W. W. Gordon, Glenora	25	50	300
H. C. Baird & Son, Parkhill	26	75	335
Aylmer Electric Light Company	38	52	432
Stratford Gas Company	140	300	1,700
Clinton Electric Light Company	31	500	810
Cook Brothers Electric Light Company, Hensall		240	240
Corporation of the Town of Mitchell	42	430	830
Seaford Electric Light, Heat and Power Company	10	500	1,100
Palmerston Electric Light Company	19	340	530
Exeter Electric Light Company	10	200	300
Town of Goderich	24		240
St. Mary's Electric Light Company	33	550	980
Wingham Electric Light Company	50	600	1,000
Blyth Electric Light Plant (John B. Kelly)	17	140	310
Brussels Electric Light Company	21	10	220
People's Electric Company, Windsor		2,530	2,530
Hiram Walker & Sons, Walkerville		1,200	1,200
W. A. Johnson & Co., Dresden	26	27	287
Smith & Anderson, Blenheim	10	79	269
J. & W. McMaster, Ridgetown	44	10	450
Wm. Laing, Essex	15	12	362
Tilbury Electric Light	30	15	345
Electric Company, Amherstburg		500	500
Chatham Gas Company	63	775	1,405
Wallaceburg Electric Light Company	40	12	452
Leamington Electric Light Company	21	206	416
Geo. Munro, Thamesville	7	175	245
Ottawa Electric Company	500	50,000	55,000
Albert MacLaren, Buckingham		550	550
A. W. Wright & Co., Renfrew	20	800	1,000
Markay & Guest, Renfrew		1,140	1,140
Citizens' Electric Light Company, Smith's Falls		1,000	1,000
Smith's Falls Electric Light Company		2,000	2,000
Carleton Place Electric Light Company	40	200	1,100
Almonte Electric Light Company	23	800	1,029
Pembroke Electric Light Company	28	2,200	2,480
Arnprior Electric Light and Power Company	30	2,500	2,800
Perth Electric Light Company	47		470
Perth Electric Light Company, of Perth		1,200	1,200
Electric Light Company, of Eganville		300	300
Star Electric Light Company, of Eganville		300	300
Guelph Light and Power Company	100	1,400	2,400
Galt Gas Light Company	70	25	725
Berlin Gas Light Company	36	156	516
Waterloo Electric Company	24	81	321
Howes & Leighton, Harrison	30	20	320
Jacob Morley, New Hamburg	22	50	270
John Shearer, Villages of Blair and Preston		300	300
A. Groves, Fergus	35	700	1,050
Corley & Collins, Mount Forest	13	400	530
James Fenwick, Preston	30	20	320
James Fenwick, Hespeler	24	38	275
Incandescent Light Company, of Toronto		30,000	30,000
Toronto Electric Light Company	1,500	50	15,050
Milton Electric Light and Power Company	19	236	255
Barrie Electric Light Company	47	2,200	2,700
Town of Orillia	42	2,000	2,420
Pontanguishene & Midland St. Rail'd, Light & Power Co.	14	1,200	1,240
Midland Electric Company	35	500	850
Creemore Electric Light Company		135	135
Joseph Knox, Stayner	4	400	440
Glen Williams Electric Light Company	15		450
W. J. Fletcher, Electric Light and Power Station, Alliston	20	350	550
Light, Heat and Power Company, of Newmarket	15	400	550
Hutton Electric Light Company, Brampton	26	500	760
Huntsville Electric Light Company	1	550	560
Nicholas Egan, Tottenham		150	150
Mattawa Electric Light and Power Company		900	900
Town of Bracebridge		1,700	1,700
John Bourke, Mattawa		703	703
Robert McGowan, Oakville	35	800	1,150
Lakefield and Whitby Electric Light Company	40		400
H. A. Train, Burk's Falls		200	200
Port Perry Illuminating Company	20	213	413
Tagama Water and Light Company	50	440	640
Gravenhurst Electric and Trading Company	11	500	610
Appleyard Electric Light Company, Grand Valley	7	75	145
Orangeville Electric Light and Power Company	26	850	1,110
Corporation of the Village of Markham	18	50	230
Robertson, Rowland & Company, Walkerton	30	800	1,100
Owen Sound Electric Illuminating and Man'g. Company	55		550
Corporation of the Town of Collingwood	35	1,050	1,400
Town of Kincardine	19	575	715
Warton Electric Light Company	26	40	300
Ramage Bros. Electric Light Company, Chesley		400	400
Donald McIntyre Electric Light Company, Paisley	7	231	301
Wm. Moore & Sons, Meaford	250	340	2,840
T. & J. R. Andrews, Thornbury	19	70	210
Southampton Electric Light Company	20	18	218
John Bearman, Chesley	22	210	430
Daniel Knechtel, Hanover	12	298	410
Durham Electric Light Company	22	250	470
La Corporation de la Ville de Joliette	33	1,592	1,592
Royal Electric Company	1,450	54,000	68,500