PROVINCE OF BRITISH COLUMBIA

Ninth Annual Report of the

PUBLIC UTILITIES COMMISSION

Pursuant to Section 64 of the
" Public Utilities Act "

For the Year ended December 31st,

1947

VICTORIA, B.C.:
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1948.

VICTORIA, B.C., February 29th, 1948.

To His Honour the Lieutenant-Governor in Council
of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

SIR,—We have the honour to transmit herewith, in accordance with section 64 of the "Public Utilities Act," the Ninth Annual Report of the Public Utilities Commission under that Act for the year ended December 31st, 1947.

PUBLIC UTILITIES COMMISSION,
W. A. CARROTHERS, *Chairman.*
L. W. PATMORE, *Commissioner.*
J. C. MACDONALD, *Commissioner.*

CONTENTS.

	PAGE.
Scope of Report	7
Regulations	7
Operations of Public Utility Systems—	
New Construction, New Operations, and Expansions	7
New Supplies of Electric Power for Lower Mainland Area	8
Transportation Franchises in Greater Victoria Area	8
Discontinuance and Suspension of Service	8
Complaints as to Service by Public Utilities	8
Rates—	
Investigation of British Columbia Electric Railway Company, Limited	8
Rate Changes consented to pursuant to Sections 16 and 18 of "Public Utilities Act"	9
Rate Complaints	9
Security Issues, Mortgages, and Sales—	
Security Issues and Mortgages	9
Sales of Assets by Public Utility Systems	9
Revenue and Expenses, 1940–47	9
Miscellaneous	9
Tables—	
No. 1.—Certificates of Public Convenience and Necessity	10
No. 2.—Extensions permitted under Section 12A of "Public Utilities Act"	11
No. 3.—Particulars of Extensions by British Columbia Electric Railway Company, Limited	12
No. 4.—Applications to require Public Utilities to extend Systems	13
No. 5.—Applications to discontinue or suspend Service	15
No. 6.—Complaints as to Service of Public Utilities	15
No. 7.—Rate Changes consented to pursuant to Sections 16 and 18 of "Public Utilities Act"	16
No. 8.—Rate Complaints	20
No. 9.—Security Issues and Mortgages	22
No. 10.—Sales of Assets of Public Utility Systems	23
No. 11.—Comparative Statement of Revenue and Expenses	23

Ninth Annual Report of the Public Utilities Commission under the "Public Utilities Act" for the Calendar Year ended December 31st, 1947.

SCOPE OF REPORT.

This report of the Public Utilities Commission is made in accordance with section 64 of the "Public Utilities Act" and covers the calendar year ended December 31st, 1947. It does not cover the work of the Commission under the "Motor Carrier Act," a separate report of which is being made pursuant to section 36 of that Act.

REGULATIONS MADE DURING 1947 UNDER THE "PUBLIC UTILITIES ACT."

The regulations were amended during the year to permit refunds of fees when applications are withdrawn or refused.

OPERATIONS OF PUBLIC UTILITY SYSTEMS.

NEW CONSTRUCTION AND OPERATION, AND EXPANSION BY PUBLIC UTILITY SYSTEMS.

New construction or operation, or expansion, of a public utility system requires the approval or consent of the Commission under section 12 or 12A of the "Public Utilities Act." A summary of applications for certificates of public convenience and necessity received or decided during the year is set out in Table 1. Each of the certificates granted by the Commission and referred to in the table was subsequently approved by the Lieutenant-Governor in Council.

In the case of extensions of a more or less routine nature, such as extensions of distribution systems to serve new customers, the Commission, pursuant to the powers set out in section 12A, relieves the public utility from the requirement of obtaining a certificate of public convenience and necessity. A summary of extensions permitted under section 12A is set out in Table 2. It will be noted that the majority are extensions made by the British Columbia Electric Railway Company, Limited. Of the 199 extensions of electric power systems permitted to this company under section 12A, 198 were extensions of electric distribution-lines, particulars of which are set out in Table 3. The other extension comprises a programme of general improvement and enlargement of sub-station, sub-transmission, and distribution facilities in the Greater Vancouver area.

The extensions of transportation systems referred to in Table 2 comprise route revisions and extensions and new routes in New Westminster, Oak Bay, Saanich, North Vancouver, Burnaby, and Vancouver, arising partly from the substitution of buses for street-cars and more notably from public demands for new routes and extensions. The extension by Okanagan Telephone Company referred to in Table 2 comprises the installation of new exchanges at Westbank and Peachland and the laying of an additional cable between Westbank and Kelowna, these improvements being part of a general development programme which is to extend over a period of years. The

extension by Lytton Water Supply Company, Limited, comprises a general rehabilitation of the system. The other extensions referred to in Table 2 are of a more routine nature.

A number of letters were received by the Commission from persons desiring extensions of public utility systems to serve their premises. Many of these called for merely an explanation of the principles and terms on which the extensions should be made. Those which were more in the nature of complaints are summarized in Table 4.

New Supplies of Electric Power for the Lower Mainland Area.

The report of the Commission for 1946 outlined the development of the Bridge River hydro-electric project up to the end of that year. During 1947 certificates of public convenience and necessity were granted to British Columbia Electric Railway Company, Limited, and associated companies to proceed with the second and third stages of the development. The particulars are summarized in Table 1. Each of the three stages now authorized provides for a capacity of 62,000 horse-power, making a total of 186,000 horse-power. It is expected that the first stage will be completed by October 1st, 1948; the second by January 15th, 1949; and the third by October 1st, 1949.

Transportation Franchises in Greater Victoria Area.

During the year, as indicated in Table 1, the Commission approved transportation franchises granted to British Columbia Electric Railway Company, Limited, by the City of Victoria and the Municipalities of Oak Bay and Esquimalt. A transportation franchise granted by the Municipality of Saanich to Vancouver Island Coach Lines, Limited, was approved at the same time under the " Motor Carrier Act." In the recent past the Victoria area was served by an old street-railway system, supplemented to a small extent by buses, and by two separate bus systems, each system being operated independently of the others. The new franchises provide for the abandonment of the street-railway system at an early date and the operation by two companies of an integrated modern bus system with full transfer privileges.

Discontinuance and Suspension of Service.

Particulars of applications by public utilities to discontinue or suspend service are set forth in Table 5.

Complaints as to Service by Public Utilities.

Particulars of complaints as to service provided by public utilities are set forth in Table 6.

RATES.

Investigation of British Columbia Electric Railway Company, Limited, and Associated and Subsidiary Companies.

A review of the investigation by the Commission of British Columbia Electric Railway Company, Limited, and associated and subsidiary companies, is set out in the Annual Report of the Commission for 1946. During 1947 it was necessary to permit the filing, on an interim basis, of substantial general increases in transportation fares in Vancouver and of gas rates in Vancouver and district to offset increasingly large operating losses in these services. Definite preparations were made, however, for a review of all rates of the companies at public hearings to be held as soon as possible during 1948. The companies have been instructed to file information necessary for such a review, and this information will be furnished by the Commission to the interested municipalities to enable them to prepare for the hearings.

RATE CHANGES CONSENTED TO PURSUANT TO SECTIONS 16 AND 18 OF "PUBLIC UTILITIES ACT."

A complete statement of all rate changes authorized during 1947 appears in Table 7. This table shows that in general, except in respect of transportation and gas service, public utilities have not required substantial general increases in rates. In the case of transportation and gas services, however, increased wages and increased costs of materials have been quickly reflected in the cost of service and have made necessary substantial general rate increases.

RATE COMPLAINTS.

The rate complaints dealt with during the year are summarized in Table 8.

SECURITY ISSUES, MORTGAGES, AND SALES.

SECURITY ISSUES AND MORTGAGES.

Applications during 1947 under section 21 of the "Public Utilities Act" for approval of security issues and mortgages are summarized in Table 9. This table indicates that several public utility companies took advantage of the comparatively low interest rates which prevailed through most of the year to make security issues in substantial amounts for refunding or to obtain funds for new construction.

SALES OF ASSETS OF PUBLIC UTILITY SYSTEMS.

Transfers of property dealt with during 1947 under section 23 of the "Public Utilities Act" are summarized in Table 10.

REVENUE AND EXPENSES, 1940–47.

A statement of revenue and expenses of the Public Utilities Commission under the "Public Utilities Act" and the "Motor Carrier Act" is set out in Table 11. The figures shown are for the calendar year and not the fiscal year, and figures for previous years have been included for comparative purposes. Revenue under the "Motor Carrier Act" has been compiled from monthly reports made by the Superintendent of Motor Carriers. Revenue under the "Public Utilities Act" represents fees on applications granted during the year, even though the fees may not have been transferred from Suspense Account to Revenue Account until the following year.

MISCELLANEOUS.

Portland Canal Telephone and Telegraph Company, Limited, discontinued operation of its small telephone system at Stewart during the war. On June 5th, 1947, a representative of the company appeared before the Commission to request permission to reinstall the system. An informal conditional approval was granted, but no certificate of public convenience and necessity was issued.

Complaints were received from K. Blacklock at Cloverdale and from C. W. Johnson at Thrums regarding the use of their land for electric power transmission-lines. A complaint was received from R. Malone disputing the title of H. B. Canning to certain water-mains used by him in the operation of his waterworks system at Youbou. The Commission is of the opinion that complaints such as the three mentioned above should be settled by arbitration or in the Courts, and the complainants were so advised.

TABLES.

TABLE 1.—APPLICATIONS FOR CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY RECEIVED OR DECIDED IN 1947.

Class of Service.	Applicant.	Date of Application.	Particulars.	Result.
Transportation...	British Columbia Electric Railway Co., Ltd.	Sept. 16, 1947	Approval of Victoria transportation franchise	Granted; Oct. 6, 1947.
		Sept. 16, 1947	Approval of Oak Bay transportation franchise	Granted; Oct. 6, 1947.
		Sept. 16, 1947	Approval of Esquimalt transportation franchise	Granted; Oct. 6, 1947.
Electric power....	Anderson, S.; Maydol, H.; Esplin, S.	Mar. 18, 1947	Installation of electric power system at Decker Lake	Granted; Apr. 8, 1947.
	British Columbia Electric Co., Ltd.; British Columbia Electric Railway Co., Ltd.; Bridge River Power Co., Ltd.	May 30, 1947	Second stage of Bridge River power-development, providing for a further 62,000 horsepower	Granted; June 27, 1947.
		June 23, 1947	Additional 25,000 kva. transformer unit and forced-cooling apparatus at Greater Vancouver end of transmission-line connecting with Bonneville power at International Boundary	Granted; June 27, 1947.
		Dec. 18, 1947	Third stage of Bridge River power-development, providing for a third 62,000-horsepower unit	Granted; Dec. 19, 1947.
	James C. Fleming & Son..	Sept. 15, 1947	Installation of electric power generating plant at McBride	Held in abeyance pending completion of arrangements for sale of power to Village of McBride.
	Jim, Gung Loy.....	Sept. 19, 1947	Installation of electric power system at Little Fort	Held in abeyance pending receipt of additional information.
	Martin, Clarence.....	Jan. 24, 1947	Enlargement of generating plant at Masset	Granted; Feb. 10, 1947.
	Murray, R. N.....	Jan. 15, 1947	Installation of electric power system at Yahk	Granted; Feb. 10, 1947 (cancelled Feb. 17, 1948).
		Apr. 12, 1947	Enlargement of generating plant at Yahk	Granted; Apr. 21, 1947 (cancelled Feb. 17, 1948).
Water.....	Burns Lake, Village of.....	Aug. 14, 1947	Installation of waterworks system at Burns Lake	Granted; Aug. 23, 1947.
	Canning, H. B.....	July 18, 1947	Installation of waterworks system at Youbou	Granted; Nov. 1, 1947.
	DuMont, Marc.....	Apr. 26, 1947	Installation of waterworks system at Kinnaird	Granted; May 13, 1947.
	Durkin, P. J.....	Apr. 12, 1947	Installation of waterworks system near Trail	Withdrawn; July 25, 1947.
	Gold, W. H.....	Mar. 26, 1947	Installation of waterworks system at Youbou	Granted; June 11, 1947.
	Kuryluk, Nick.....	Dec. 20, 1946	Installation of waterworks system near Kinnaird	Granted; Jan. 27, 1947 (amended Sept. 29, 1947).
	Lightle, O.....	Feb. 10, 1947	Installation of waterworks system at Kinnaird	Withdrawn; July 25, 1947.
	New Denver, Village of....	Feb. 19, 1947	Operation of waterworks system at New Denver previously operated by The Denver Water Works Co., Ltd.	Granted; Mar. 6, 1947.

TABLE 1.—APPLICATIONS FOR CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY RECEIVED OR DECIDED IN 1947—*Continued.*

Class of Service.	Applicant.	Date of Application.	Particulars.	Result.
Water	Russell, Joseph	Sept. 13, 1947	Installation of waterworks system at Lillooet	Granted; Nov. 7, 1947.
	Ryall, T. H.	May 6, 1947	Operation of waterworks system at Crescent Beach previously operated by Crescent Beach Development Co., Ltd.	Granted; May 19, 1947.
	Terrace, Village of	Oct. 18, 1947	Expansion of waterworks system into unorganized territory adjacent to Terrace	Granted; Jan. 5, 1948.

TABLE 2.—EXTENSIONS DEALT WITH UNDER SECTION 12A OF THE "PUBLIC UTILITIES ACT" DURING 1947.

Class of Service.	Public Utility.	Number of Extensions.
Transportation	British Columbia Electric Railway Co., Ltd.	7
Electric power	British Columbia Electric Railway Co., Ltd., and associated companies	199
	Courtenay, City of	9
	Cumberland Electric Lighting Co., Ltd.	1
Gas	British Columbia Electric Co., Ltd.	1
Telephone	Okanagan Telephone Co.	1
Water	E. M. Allen	1
	Lytton Water Supply Co., Ltd.	1
	Nanaimo, City of	1
	Total	221

TABLE 3.—EXTENSION OF ELECTRIC DISTRIBUTION-LINES OF BRITISH COLUMBIA ELECTRIC RAILWAY COMPANY, LIMITED, PERMITTED DURING 1947 UNDER SECTION 12A OF THE "PUBLIC UTILITIES ACT."

Municipality or District.	Number of Extensions.			Number of Customers to be served.	Total Cost of Extensions (estimated).	Total Distance of Extensions (Feet).
	Domestic and Farm.	Commercial and Industrial.	Total.			
Burnaby	6	2	8	105	$18,637.50	11,815
Burrard Inlet	1	.....	1	10	1,497.15	4,983
Chilliwack and Chilliwhack	7	2	9	67	28,013.27	44,907
Coquitlam	11	.....	11	45	15,787.80	21,645
Delta	3	.....	3	27	5,850.20	9,330
Esquimalt	2	.....	2	7	1,855.30	2,450
Kent	2	.....	2	7	3,655.15	6,503
Langley	24	.....	24	180	72,536.42	153,762
Malahat	.....	1	1	1	1,040.09	4,400
Maple Ridge	14	.....	14	83	30,642.80	50,140
Matsqui	9	.....	9	39	15,929.65	22,607
Metchosin	5	.....	5	7	4,978.68	13,900
Mission	6	.....	6	27	14,584.50	21,407
New Westminster	.....	1	1	1	5,352.90	2,300
Nicomen	1	.....	1	6	2,939.50	8,565
North Saanich	3	.....	3	6	2,534.62	7,240
North Vancouver (District)	16	.....	16	25	21,249.37	18,071
Oak Bay	1	.....	1	1	1,032.69	2,100
Otter, V.I.	1	.....	1	5	3,025.21	8,600
Pitt Meadows*	5	.....	5	19	8,306.05	20,193
Port Coquitlam†	5	.....	5	27	9,769.96	12,472
Richmond	2	1	3	14	10,508.60	10,535
Saanich	11	.....	11	12	6,352.98	17,270
Shawnigan	9	.....	9	25	8,846.70	23,310
Sooke	2	.....	2	3	1,824.68	5,200
Sumas	3	.....	3	8	4,108.95	8,495
Surrey‡	32	.....	32	155	50,037.30	87,983
Vancouver	9	.....	9	113	18,170.55	11,275
West Vancouver	1	.....	1	5	5,127.55	4,500
Totals	191	7	198	1,030	$374,196.12	615,958

NOTE.—The above table includes authorizations for ten extensions, involving 159 customers, total cost $42,699.25 and a total distance of 104,898 feet, which cancel authorizations granted in previous years.

* Includes one extension which extends into Maple Ridge to serve two customers; shown under "Pitt Meadows" and not under "Maple Ridge."

† Includes one extension which extends into Coquitlam to serve three customers; shown under "Port Coquitlam" and not under "Coquitlam."

‡ Includes one extension which extends into Langley to serve two customers; shown under "Surrey" and not under "Langley."

TABLE 4.—APPLICATIONS TO COMMISSION TO REQUIRE PUBLIC UTILITIES TO EXTEND THEIR SYSTEMS, 1947.

Public Utility.	Applicant.	Particulars of Application.	Disposition.
British Columbia Electric Railway Co., Ltd.	Anderson, D.	Complaint as to delay in extending electric distribution-lines to applicant's premises at Langley Prairie	Delay found to be due to shortage of transformers. Transformer located and connection made without further delay.
	Burnaby, District of	Extension of bus route on Second Street and provision of new bus service on Marine Drive in Burnaby requested	Action by Commission deferred because of lack of equipment and prior commitments of company for other areas, and to permit further direct negotiation.
	Dyck, P. I.	Complaint as to delay in extending electric distribution-lines to applicant's premises at Aldergrove	Complainant advised further delay of four weeks necessary in applying priority system.
	Lawrence, W. L.	Use of private pole-line desired by applicant in place of extension by company of its electric distribution-lines	Use of private line discouraged.
	McCrimmon, D. F.	Bus service for Fell Avenue district in North Vancouver	Lack of service found to be due to poor road conditions. Arrangements made for temporary service with light vehicles pending completion of road repairs.
Carlin Bros., Ltd.	Connett, H. S.	Extension of electric distribution-lines at Chase	Investigation disclosed insufficient plant capacity to permit new connections.
	Johnstone, D. B.	Extension of electric distribution-lines at Chase	Investigation disclosed insufficient plant capacity to permit new connections.
Castlegar Water Co., Ltd.	Shealds, B., and others	Complaint as to delay in completing extension of water-mains to new subdivision at Castlegar	Delay found to be due to shortage of materials; complainants so informed.
Lytton Water Supply Co., Ltd.	Blakiston-Gray, J.	Extension of water-mains to serve new house and cabins of Mr. Blakiston-Gray at Lytton	Action deferred pending completion of franchise agreement between Village of Lytton and Lytton Water Supply Co., Ltd.
Okanagan Centre Irrigation and Power Co., Ltd.	David, L. J., and others	Extension of water-mains for supply of water for domestic use in new subdivision at Winfield	Investigation disclosed consent of Winfield and Okanagan Centre Irrigation District required, and such consent refused on grounds of insufficient supply.
Princeton Light and Power Co., Ltd.	Kickbush, F. W.	Electric-power supply for box-shook factory at Princeton	Connection deferred pending reinforcement of Princeton transmission-line of West Kootenay Power and Light Co., Ltd. Undertaking obtained that this work would be completed by end of Nov., 1947.
	MacDonald, Edith	Extension of electric distribution-lines to auto camp of applicant near Princeton	Question of authority of company to make extension settled after investigation, and applicant then referred to company to settle terms for extension.

TABLE 4.—APPLICATIONS TO COMMISSION TO REQUIRE PUBLIC UTILITIES TO EXTEND THEIR SYSTEMS, 1947—*Continued.*

Public Utility.	Applicant.	Particulars of Application.	Disposition.
West Kootenay Power and Light Co., Ltd.	Barrett, R. F., and others	Request for extension of electric distribution-lines in East Kelowna area	Investigation indicates early action not possible, as available materials, etc., must be assigned to extensions having higher priority.
	Brown, D.	Request for extension of electric distribution-lines in the Robson-Syringa Creek area	Investigation indicates service required largely for summer residents; insufficient business to justify immediate construction.
	Chapma, Floyd	Complaint as to delay in extending electric distribution-lines to applicant's premises at Keremeos	Undertaking obtained from company to complete extension as soon as weather conditions permit necessary relocation of pole-line.
	Hellekson, D. A., and others	Request for investigation of feasibility of extension of electric power-lines by West Kootenay Power and Light Co., Ltd., or City of Nelson	Field investigation by Chief Engineer of Commission indicated service by West Kootenay Power and Light Co., Ltd., not feasible. Complainants advised to negotiate further with City of Nelson.
	Miles, Mrs. W.	Complaint as to delay in completion of extension in Oliver-Osoyoos area	Delay due to shortage of materials. Undertaking given by company to complete extension as soon as materials available.
	Quinton, Ken	Complaint as to delay in extending electric distribution-lines to complainant at Creston	Work on extension commenced Oct. 29, 1947, and undertaking given by company to complete it as soon as possible.

TABLE 5.—APPLICATIONS TO DISCONTINUE OR SUSPEND SERVICE, 1947.

Applicant.	Date of Application.	Particulars.	Disposition.
Hoy, C. D.	Apr. 25, 1947	Discontinuance of operation of electric power system serving Barkerville Light and Power Co., Ltd., and residents of South Wells on grounds that present plant worn out and business insufficient to justify investment in new plant	Applicant requested to carry on temporarily. Arrangements subsequently made for purchase of power by him from Cariboo Gold Quartz Mining Co., Ltd., in order to continue most essential services only.

TABLE 6.—COMPLAINTS AS TO SERVICE OF PUBLIC UTILITIES, 1947.

Public Utility.	Complainant.	Date of Complaint.	Particulars.	Disposition.
British Columbia Electric Co., Ltd.	Kiltz, V. E.	Jan. 15, 1947	Shortage of gas in Vancouver during cold snap	Investigation showed adequate remedial measures for future being taken by company.
British Columbia Electric Railway Co., Ltd.	Agassiz-Harrison Board of Trade	Dec. 20, 1946	Complaint as to low voltage and service outages in Agassiz area	Complaint found to be largely justified; remedial measures undertaken by company.
	Burnaby Central Ratepayers' Council and others	May 6, 1947	Complaint as to overcrowding and other conditions on Hastings East extension street-car line	Reports of company and investigations of Chief Engineer indicate corrective measures taken as to minor matters, but that major causes of complaint are due to characteristics of street and of line construction and are not capable of being substantially improved immediately.
	Savage, R. E.	Mar. 17, 1947	Complaint of low voltage near Aldergrove	Complaint referred to company, and corrective measures taken by it without delay.
	Tyson, W.	Nov. 27, 1947	Complaint as to discourteous conduct of street-car conductor in Vancouver	Complaint referred to company, which reported disciplinary action taken.
Carlin Bros., Ltd.	Underwood, Mrs. A. F.	Oct. 18, 1947	Disruption of electric power and water service at Chase	Investigation showed disruption of service following collapse of intake due to heavy rains. Service restored Oct. 19, 1947.
Gold Bridge Water Co., Ltd.	Gold Bridge Community Club	Jan. 4, 1947	Complaint as to outages and lack of pressure in waterworks system at Gold Bridge	Public inquiry by Commissioner MacDonald at Gold Bridge, Apr. 25, 1947, indicated that poor service had existed, for which actions by certain customers may have been largely responsible, and that more adequate service would involve an increase in rates. Improvement district subsequently formed by local residents with object of acquiring system.
Hoy, C. D.	Emery, E., and other residents of South Wells and Barkerville	Feb. 15, 1947	Complaint as to outages and reduction in hours of service from electric power plant at South Wells	Investigation disclosed business insufficient to justify investment necessary to provide trouble-free service.
Okanagan Telephone Co.	Robertson, Alex K.	Oct. 21, 1947	Complaint as to poor telephone service on rural party line at Kaleden due to line being shared with a busy commercial customer	Finding made that commercial customer should be required to obtain service by a separate line.

TABLE 6.—COMPLAINTS AS TO SERVICE OF PUBLIC UTILITIES, 1947—*Continued.*

Public Utility.	Complainant.	Date of Complaint.	Particulars.	Disposition.
Quesnel Light and Water Co., Ltd.	Village of Quesnel	Jan. 6, 1947	Complaint as to oil in water at Quesnel	Investigation indicated complaint justified, probable cause being seepage of diesel oil into company's well. As extensive alterations of system necessary to correct trouble, matter left over pending acquisition of system by village.
Sea Bus Lines, Ltd.	Fearn, H.	Apr. 8, 1947	Complaint as to small capacity of boats operated by Sea Bus Lines, Ltd., between Gibsons Landing and Horseshoe Bay	Investigations disclosed no necessity for larger boats.
Spences Bridge Light and Power Co., Ltd.	Shanks, H. M.	July 15, 1947	Complaint as to low voltage and outages in electric power system at Spences Bridge	Investigation disclosed conditions due to limited capacity of creek used for generation of power. and proportionate reductions in bills granted when sustained outages occur.
West Kootenay Power and Light Co., Ltd.	Creston Board of Trade	Jan. 9, 1947	Complaint as to inadequacy of electric-power supply in Creston area	Reports from company and investigations by Chief Engineer of Commission indicate no immediate solution of problem practical. Arrangements made by company to install additional generating capacity in power plant on Goat River to bring about partial improvement of service.

TABLE 7.—RATE CHANGES CONSENTED TO PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT," 1947.

(*a*) *Transportation Systems.*

Name of Public Utility.	Route affected.	Effect of Change.	Date filed.	Date effective.
British Columbia Electric Railway Co., Ltd.	Vancouver–Capilano Canyon	Bus fare established for a new direct service to accommodate holiday crowds in fine weather	May 21, 1947	May 24, 1947.
	North end of Lions Gate Bridge—North Vancouver	Bus fare established for a service resulting from a new stop not previously made by the applicant	Sept. 18, 1947	Sept. 18, 1947.
	City of Vancouver — all routes	General increase in street-car and bus fares to offset operating losses	Nov. 26, 1947	Nov. 30, 1947.
	Stanley Park (Vancouver)	Bus fare of 5c. established for a temporary service in Stanley Park on Jan. 1 and 3, 1948	Dec. 19, 1947	Jan. 1, 1948.
North Vancouver, City of	Vancouver – North Vancouver	Elimination of 1c. ferry tickets for students and provision for refund of one-half of regular fare to students	July 17, 1947	Aug. 15, 1947.
	Vancouver – North Vancouver	Increase of 1c. each for commutation ferry tickets	Dec. 31, 1947	Feb. 1, 1948.
Sea Bus Lines, Ltd.	Fisherman's Cove and Horseshoe Bay to Gibsons Landing	General increase in ferry fares to offset increased costs	Aug. 28, 1947	Sept. 2, 1947.

TABLE 7.—RATE CHANGES CONSENTED TO PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT," 1947—*Continued.*

(*b*) *Telephone and Telegraph Systems.*

Name of Public Utility.	Area affected.	Effect of Change.	Date filed.	Date effective.
Kootenay Telephone Co., Ltd.	East Kootenay area	Minor tariff revisions arising from installation and discontinuation of toll-station service at request of subscribers involved	Jan. 25, 1947	Jan. 25, 1947.
	East Kootenay area	Minor tariff revisions arising from installation and discontinuation of toll-station service at request of subscribers involved	Sept. 11, 1947	Sept. 11, 1947.
North-West Telephone Co.	Urban mobile stations in British Columbia	Rates established for new service, being radio-telephone link with range of 20 to 25 miles to serve harbour craft and land vehicles and aircraft engaged in short-haul business	Feb. 10, 1947	Mar. 1, 1947.
	Fixed radio-stations at remote points in British Columbia and coastal vessels	Rates established for service under F.M. operation. Reduction of tolls of from 27% to 29% estimated for customers converting to F.M. operation	Dec. 1, 1947	Jan. 1, 1948.

(*c*) *Electric Power Systems.*

British Columbia Electric Railway Co., Ltd.	Vancouver Island South	Cancellation of rates applicable in areas taken over by B.C. Power Commission and of rate for air-raid warning services	Feb. 12, 1947	Jan. 1, 1947.
	Bridge River and Lower Mainland	Provision for estimation of demand or consumption when correct meter-reading cannot be obtained	Feb. 12, 1947	Jan. 1, 1947.
	Vancouver Island South	Provision for estimation of demand or consumption when correct meter-reading cannot be obtained	Mar. 10, 1947	Feb. 26, 1947.
	Agassiz	Free power for irrigation experiment, June 15 to Sept. 15, 1947, at Dominion Experimental Farm	Mar. 13, 1947	June 15, 1947, to Sept. 15, 1947.
	Lower Mainland	Discontinuance, except to old customers, of special rates for electrical contractor-dealers, because of difficulty in classifying customers	Apr. 8, 1947	Mar. 27, 1947.
	Vancouver Island South	Discontinuance, except to old customers, of special rates for electrical contractor-dealers, because of difficulty in classifying customers	May 21, 1947	May 23, 1947.
	New Westminster	Reduction of rates by approximately $21,000 per year on negotiation of new contract with City of New Westminster	May 27, 1947	Apr. 18, 1946.

TABLE 7.—RATE CHANGES CONSENTED TO PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT," 1947—*Continued.*

(*c*) *Electric Power Systems*—Continued.

Name of Public Utility.	Area affected.	Effect of Change.	Date filed.	Date effective.
British Columbia Electric Railway Co., Ltd.	Lower Mainland and Vancouver Island South	Discontinuance of security deposits in normal cases	June 17, 1947	June 15, 1947.
	University of B.C.	Reduction of rate to University of B.C.	Aug. 22, 1947	Aug. 15, 1947.
	Vancouver	Special rate for B.C. Sugar Refining Co., Ltd., withdrawn, as customer has installed its own generating plant	Sept. 3, 1947	Sept. 3, 1947.
	Vancouver	Continuation for one year of special flat rate to Canadian Food Products, Ltd., a tenant of the utility	Sept. 18, 1947	Sept. 18, 1947, to Sept. 18, 1948.
	Vancouver	Minimum monthly charge and standard assessed demand prescribed for trailer-camp circuits	Oct. 2, 1947	Aug. 1, 1947.
	Vancouver	Discontinuance of special rate for sawmill of B. C. Keeley; service to be continued at standard rates	Oct. 8, 1947	Oct. 8, 1947.
Canadian Pacific Railway Co.	North Bend	Reduced rate for school	Jan. 13, 1947	Jan. 13, 1947.
Cranbrook, City of	Cranbrook	Rate for temporary power connections established	May 15, 1947	May 15, 1947.
Davies, Wm.	Lone Butte	Increase in energy rate and minimum charge, with consent of users	Sept. 2, 1947	Aug. 1, 1947.
East Kootenay Power Co., Ltd.	Hosmer	Revenue deficit payment required in area not previously served	Apr. 15, 1947	July 1, 1947.
	Kimberley	Rate established for distribution system of City of Kimberley acquired by it from Consolidated Mining and Smelting Co. of Canada, Ltd.	June 10, 1947	June 1, 1947.
	Crowsnest	Special rate to C.P.R. for water-pumping	June 10, 1947	June 1, 1947.
Kimberley, City of	Marysville	Extra charge of 15c. per month to provide for street-lighting	Apr. 8, 1947	Mar. 1, 1947.
	Chapman Camp	Rate for street-lighting established	Aug. 28, 1947	July 1, 1947.
Lake Cowichan Electric Co., Ltd.	Lake Cowichan	Reduction in domestic and commercial rates	Jan. 28, 1947	Jan. 1, 1947.
Lytton Electric Light Co., Ltd.	Lytton	Special rate for schools established	Feb. 10, 1947	Jan. 1, 1947.
	Lytton	Rate for street-lighting established	Oct. 27, 1947	Oct. 1, 1947.
Martin, Clarence	Masset	Substitution of meter rates for domestic flat rates, and establishment of commercial rates	Mar. 7, 1947	Jan. 3, 1947.
Princeton Light and Power Co., Ltd.	Princeton	General reduction in rates, in line with reduced cost of power purchased by Princeton Light and Power Co., Ltd., from West Kootenay Power and Light Co., Ltd.	Dec. 9, 1947 (tentatively)	Dec. 1, 1947.

TABLE 7.—RATE CHANGES CONSENTED TO PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT," 1947—*Continued.*

(*c*) *Electric Power Systems*—Continued.

Name of Public Utility.	Area affected.	Effect of Change.	Date filed.	Date effective.
West Kootenay Power and Light Co., Ltd.	Summerland	General reduction of rates to Municipality of Summerland to conform to rates to other municipalities in Okanagan area; reduction in revenue approximately $7,200 per year	July 11, 1947	June 1, 1947.
	Princeton	General reduction of rates to Princeton Light and Power Co., Ltd., to conform to rates to municipalities in Okanagan area; reduction of revenue approximately $4,700 per year	Dec. 1, 1947	Dec. 1, 1947.

(*d*) *Waterworks Systems.*

Enderby, City of	Unorganized areas adjacent to Enderby	Increase of domestic flat rates from $1.50 to $2.50 per month	May 26, 1947	July 1, 1946.
Gibsons Landing, Village of	Unorganized areas adjacent to Gibsons Landing	General increase to provide increased revenue and eliminate discrimination, and provide for fire-hydrant service	Nov. 13, 1947	Jan. 1, 1948.
Gold, W. H.	Youbou	Reduction in commercial flat rates for extra rooms	July 29, 1947	July 28, 1947.
Kinnaird Water Co., Ltd.	Kinnaird	Establishment of meter rates as alternative to flat rates, in order to discourage waste	Mar. 7, 1947	Apr. 1, 1947.
New Westminster, City of	Unorganized areas adjacent to City of New Westminster	General increase to meet increased costs; increase in connection charge from $10 to $25	May 6, 1947	On passage of municipal by-law.
Qualicum Water Co., Ltd.	Qualicum Beach	General revision to clarify existing rates and establish connection charges and rules governing extensions	Mar. 15, 1947	Mar. 15, 1947.
	Qualicum Beach	Establishment of meter rates and discontinuance of certain commercial flat rates	Aug. 14, 1947	Sept. 1, 1947.
Quesnel Light and Water Co., Ltd.	Quesnel	Rate for water for diesel power-house established	July 17, 1947	July 1, 1947.
Saseenos Water, Light, and Power Co., Ltd.	Saseenos	Flat rate of $25 per month established for Munn's Lumber Co., Ltd.	Jan. 17, 1947	Jan. 17, 1947.
Vernon, City of	Unorganized areas adjacent to City of Vernon	Minor revisions of certain flat rates and of fee for turning water off or on	Oct. 30, 1947	Oct. 30, 1947.
White Rock Water Works Co., Ltd.	White Rock	Increase in connection charges to offset increased costs	Jan. 29, 1947	Jan. 29, 1947.
		Reduction of minimum charge and elimination of meter rental, to make meter rates more comparable with flat rates	Oct. 20, 1947	Oct. 1, 1947.

TABLE 7.—RATE CHANGES CONSENTED TO PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT," 1947—*Continued.*

(*e*) *Gas Systems.*

Name of Public Utility.	Area affected.	Effect of Change.	Date filed.	Date effective.
British Columbia Electric Co., Ltd. (and Victoria Gas Co., Ltd., in connection with Victoria rates)	Vancouver and district	Discontinuance of standard flat rates introduced previously to meet shortage of meters	Jan. 25, 1947	Feb. 1, 1947.
	Victoria and district	Provision for estimation of bills when correct meter-readings not obtainable	Mar. 10, 1947	Feb. 26, 1947.
	Vancouver and district	Suspension of gas space-heating rates for new customers	Apr. 11, 1947	Until Aug. 31, 1947.
	Vancouver and district	Temporary flat rates to certain customers due to shortage of meters	Apr. 16, 1947	Dec. 31, 1946.
		Temporary flat rates to certain customers due to shortage of meters	May 9, 1947	Apr. 30, 1947.
	Victoria and district	Suspension of gas space-heating rates for new customers	May 14, 1947	Until Aug. 31, 1947.
	Vancouver and district	Temporary flat rates to certain customers due to shortage of meters	June 11, 1947	May 30, 1947.
	Vancouver and district	Temporary flat rates to certain customers due to shortage of meters	July 18, 1947	June 30, 1947.
	Vancouver and district	Suspension of gas space-heating rates for new customers	Aug. 21, 1947	Pending decision on new rates.
	Victoria and district	Suspension of gas space-heating rates for new customers	Aug. 27, 1947	Indefinitely.
	Vancouver and district	General increase in rates to offset operating losses	Sept. 22, 1947	Sept. 22, 1947.

TABLE 8.—RATE COMPLAINTS, 1947.

Public Utility.	Complainant.	Date of Complaint.	Particulars.	Disposition.
British Columbia Electric Co., Ltd.	Brookes, W. T.	Aug. 4, 1947	Complaint that wrong schedule of gas rates applied to complainant at Vancouver	Complaint found to be justified; rectification made by company.
	Ingram, R. H.	Mar. 15, 1947	Complaint as to variation in gas bills	Referred to company, which explained bills to satisfaction of customer.
	McMillan, P.	Mar. 27, 1947	Complaint as to rate schedule applied for gas sold to Mr. McMillan for gas fireplaces in auto court in Victoria	Investigation showed correct schedule applied.
British Columbia Electric Railway Co., Ltd.	Driver, G. C., and others	Jan. 6, 1947	Complaint as to overcharge for monthly revenue guarantee in connection with extension of electric distribution-lines in Fort Langley area	Compromise settlement in favour of complainants, following investigation by Commission.

TABLE 8.—RATE COMPLAINTS, 1947—*Continued.*

Public Utility.	Complainant.	Date of Complaint.	Particulars.	Disposition.
British Columbia Electric Railway Co., Ltd.	Hassell, R. W.	Oct. 8, 1947	Complaint as to overcharge for monthly revenue guarantee in connection with extension of electric distribution-lines near White Rock	Charge made found to be correct and complainant so advised.
	Kelly, Mr.	Nov. 27, 1947	Complaint as to bus fares between eastern section of Municipality of Richmond and City of New Westminster	Special lower fare established, following investigation.
	West Canada Danish Old People's Home	Dec. 1, 1947	Request for reclassification from commercial to domestic rate for electricity	Customer found to be correctly classified.
Crescent Beach Waterworks (T. H. Ryall)	Hager, A. L.	June 30, 1947	Complaint as to increase in rate for water supplied to complainant at Crescent Beach	Insufficient justification shown for increase; operator of system so advised.
Denver Light and Power Co., Ltd.	Tessman, F. B.	Oct. 6, 1947	Complaint that electric power rates are too high at New Denver	Investigation of earnings of company commenced but not completed in 1947.
Harrison Lake Investment Co., Ltd.	Moore, Frank	Aug. 2, 1947	Complaint as to increase in assessed demand for electric power for auto camp at Harrison Hot Springs	Demand found to be correctly assessed in accordance with tariff.
	Norman, H.	Apr. 8, 1947	Complaint as to increased monthly rates charged to complainant for electric power at Harrison Hot Springs	Monthly rates charged found to be in accordance with tariff, and complainant so advised.
Hoy, C. D.	Guilmette, Mrs. A.	Jan. 11, 1947	Dispute as to meter-reading for electricity at South Wells	Both parties found to be in error and advised of correct result.
Kelowna, City of	McKim, A. L. T., and other residents of Poplar Point	Dec. 11, 1947	Protest against being charged cost of connection to new city mains	Investigation did not disclose sufficient grounds for interference by Commission with terms proposed by city.
Kimberley, City of	Chapman Camp, Village of	May 27, 1947	Complaint as to proposed charge for electric power for street-lighting at Chapman Camp	Informal investigations made by Commission to assist parties in arriving at a reasonable rate, which was subsequently filed.
Nelson, City of	Grimes, R. A., and others	Apr. 27, 1947	Complaint as to higher rates for electric power on north shore of West Arm of Kootenay Lake than in other areas near Nelson	Field investigation by Chief Engineer of Commission disclosed higher costs of maintaining service in area in question.
Okanagan Telephone Co.	Kelowna Board of Trade and Westbank Board of Trade	Dec. 16, 1947	Complaint as to minimum charge for pay-station telephone service at Westbank	Complaint based principally on a misunderstanding, which was cleared up on investigation.
	Maxweil, W.	June 11, 1947	Complaint as to toll charge on all telephone calls from Westbank due to lack of exchange at Westbank	Investigation disclosed company plans to install exchange at Westbank in near future.
White Rock Water Co., Ltd.	Busse, L.	Aug. 19, 1947	Complaint that minimum charge in schedule of meter rates for water too high, particularly in relation to flat rates	Reduction made by company, following investigation by Commission.

TABLE 9.—APPLICATIONS BY PUBLIC UTILITIES FOR APPROVAL OF SECURITY ISSUES AND MORTGAGES RECEIVED OR DECIDED IN 1947.

Applicant.	Nature and Amount of Issue.	Purpose.	Date of Application.	Disposition.
British Columbia Electric Co., Ltd.	120,000 preference shares of par value of $100 each	Additions to plants and systems of the applicant and its subsidiaries	Mar. 17, 1947	Granted; Mar. 19, 1947.
	$10,000,000 of 3¼% first mortgage bonds; 35,000 4% cumulative redeemable preference shares of par value of $100 each	Additions to plants and systems of the applicant and its subsidiaries	Sept. 19, 1947	Granted; Sept. 23, 1947.
British Columbia Electric Railway Co., Ltd.	Issue of $4,500,000 of 3¼% general mortgage bonds to British Columbia Electric Co., Ltd.	To secure money advanced for betterments of and additions to the property of the applicant or any of its subsidiaries	Sept. 19, 1947	Granted; Sept. 23, 1947.
	Extension of maturity date of general mortgage bonds	Bonds kept in effect during life of bonds of parent company, for which they are held as security	Sept. 30, 1947	Granted; Oct. 2, 1947.
East Kootenay Power Co., Ltd.	$2,500,000 of 4% first (closed) mortgage bonds	To reduce a 6% demand loan	Feb. 24, 1947	Granted; Feb. 24, 1947.
	$1,200,000 of 4½% debentures	To retire the balance of the 6% demand loan	Apr. 3, 1947	Granted; Apr. 23, 1947.
	$2,500,000 of 3¾% first mortgage bonds	To replace proposed bond issue approved Feb. 24, 1947	Apr. 3, 1947	Granted; Apr. 23, 1947.
The Elk Creek Waterworks Co., Ltd.	$350,000 of first mortgage sinking fund bonds, 4¼%, Series "A"	Redemption of outstanding bonds; repayment of loan from Royal Bank of Canada; new construction	Dec. 12, 1947	Granted; Dec. 18, 1947.
The Elk Creek Waterworks Co., Ltd.	10,104 N.P.V. shares at $3 per share, and transfer of all shares	Part of a special liquidation of West Canadian Hydro Electric Corporation, Ltd.	Dec. 12, 1947	Granted; Jan. 5, 1948.
General Utility Co., Ltd.	150 shares of par value of $100 each	Repayment of debts to A. L. Murray and Columbia Power Co., Ltd.	Oct. 31, 1947	Granted; Nov. 28, 1947.
Northland Utilities (B.C.), Ltd.	$30,000 5% first mortgage bonds	To refund advances previously made by parent company	Nov. 27, 1947	Granted; Jan. 16, 1948.
Okanagan Telephone Co.	Issue of $302,500 4¼% bonds to Royal Bank of Canada	Security for loan to redeem present outstanding bond issue of $302,500	Oct. 24, 1947	Granted; Oct. 27, 1947.
	500 shares of par value of $100 each, and transfer of all shares	Part of a special liquidation of West Canadian Hydro Electric Corporation, Ltd.	Dec. 12, 1947	Granted; Jan. 5, 1948.

TABLE 10.—APPLICATIONS FOR APPROVAL OF SALES OF ASSETS OF PUBLIC UTILITY SYSTEMS RECEIVED OR DECIDED IN 1947.

Applicant.	Transferee.	Property sold or transferred.	Date of Application.	Disposition.
Crescent Beach Development Co., Ltd.	T. H. Ryall	Waterworks system at Crescent Beach	Apr. 2, 1947	Granted; Apr. 30, 1947.
Denver Water Works Co., Ltd., The	The Corporation of the Village of New Denver	Waterworks system at New Denver	Jan. 10, 1947	Granted; Mar. 6, 1947.
Quesnel Light and Water Co., Ltd.	The Corporation of the Village of Quesnel	Waterworks system at Quesnel	Nov. 18, 1947	Granted; Nov. 24, 1947.
West Kootenay Power and Light Co., Ltd.	Consolidated Mining and Smelting Co. of Canada, Ltd.	Power plants on Kootenay River and transmission-lines to Tadanac, except plants and transmission-lines required by the transfer for service to customers other than the transferee	July 11, 1946	Granted; Aug. 4, 1947.

TABLE 11.—COMPARATIVE STATEMENT OF REVENUE AND EXPENSES ("PUBLIC UTILITIES ACT" AND "MOTOR CARRIER ACT"), 1940 TO 1947.

	Revenue.	Expenses.	
		"Motor Carrier Act."	"Public Utilities Act."
1940	$149,038.19	$69,229.50	$45,388.62
1941	171,170.06	67,952.13	43,935.09
1942	175,945.67	68,956.02	42,481.88
1943	173,714.09	63,274.33	40,724.35
1944	183,524.00	70,555.02	44,613.41
1945	211,777.09	78,002.08	47,649.45
1946	328,080.08	111,984.66	48,715.34
1947	355,227.60	141,011.90	56,082.49
Totals	$1,748,476.78	$670,965.64	$369,590.63

Net revenue over expense, 1940 to 1947, $707,920.51.

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