PROVINCE OF BRITISH COLUMBIA

Tenth Annual Report of the

PUBLIC UTILITIES COMMISSION

Pursuant to the
" Public Utilities Act "

For the Year ended December 31st

1948

VICTORIA, B.C.:
Printed by Don McDiarmid, Printer to the King's Most Excellent Majesty.
1949.

VICTORIA, B.C., February 28th, 1949.

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 the Tenth Annual Report of the Public Utilities Commission under the "Public Utilities Act" for the year ended December 31st, 1948.

PUBLIC UTILITIES COMMISSION.

W. A. CARROTHERS, *Chairman.*

D. K. PENFOLD, *Commissioner.*

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Tenth Annual Report of the Public Utilities Commission under the "Public Utilities Act" for the Calendar Year ended December 31st, 1948.

INTRODUCTION.

This Report covers the work of the Public Utilities Commission under the "Public Utilities Act" for the calendar year ended December 31st, 1948. It does not deal with matters under the "Motor Carrier Act," a separate report of which will be made pursuant to section 36 of that Act.

The sections of the "Public Utilities Act" have been renumbered in the recent general revision of the Statutes of the Province. As the revision was not in effect in 1948, however, sections of the "Public Utilities Act" are referred to in this Report by their former and not their revised numbers.

REGULATIONS.

No new regulations or amendments were made under the "Public Utilities Act" during the year.

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 eighty-five extensions of electric-power systems permitted to this company under section 12A, eighty-four were more or less routine extensions of electric distribution-lines. The other extension comprised a programme of general improvement and enlargement of sub-station and transmission facilities in the Lower Mainland area.

The eighty-four extensions of electric distribution-lines by British Columbia Electric Railway Company, Limited, referred to above were all authorized under section 12A of the "Public Utilities Act" during the early part of the year. On April 12th, 1948, for the Lower Mainland area, and on May 31st, 1948, for the Vancouver Island South area, the Commission authorized tariff revisions of the company providing for a more or less automatic method of determining the terms on which extensions will be made. Under the new method an extension comes under one or other of three plans. Plan I, which is of limited applicability, provides for standard

rates and minimum charges. Plan III, which applies to practically all normal extensions (which were previously dealt with individually by the Commission under section 12A of the "Public Utilities Act"), provides for a minimum charge of $2 per month for all customers served by the extension. Plan II, dealing with special cases involving special minimum charges, requires reference of each extension to the Commission. During the year three extensions were authorized under Plan II.

The extensions of transportation systems referred to in Table 2 comprised route revisions and extensions and new routes in New Westminster, Oak Bay, Saanich, Richmond, and Vancouver, arising principally from the inauguration of new and different services under the terms of new franchise agreements. The gas extension referred to in Table 2 comprised the installation of equipment in the Victoria plant for the manufacture of propane or butane air-gas to take care of peak loads. With respect to the water extensions, each of those made by the City of Courtenay and Wells Townsite Co., Ltd., were to provide service to a few customers in an area adjacent to that already served. The extension by Okanagan Centre Irrigation and Power Co., Ltd., involved the laying of mains in a new subdivision within the area already served.

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 3.

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. Each of the three stages provides for a capacity of 62,000 horse-power, making a total of 186,000 horse-power. The first stage was completed and came into operation in October, 1948. It is expected that the second stage will be completed early in 1949 and the third stage in the fall of 1949.

Boundary Road Transmission-line.

As part of the Bridge River hydro-electric project, it was necessary to construct a high-voltage transmission-line from the generating plant to the City of Vancouver. Part of the proposed route was on Boundary Road in the City of Vancouver. As the company and the city were unable to come to an agreement as to the terms of the use of this road for the transmission-line, the company invoked section 39 of the "Public Utilities Act" and applied for an order under that section authorizing it to construct a high-voltage transmission-line on steel towers on Boundary Road in the City of Vancouver. A public hearing was held at Vancouver on July 9th, at which the alternative suggestion, made in opposition to the application, was that the line should be placed underground. The evidence showed that this is not a feasible alternative at the present time. An order was made by the Commission on July 15th granting the application, but providing that the matter could be reviewed, on the application of the City of Vancouver, at the end of five years.

Discontinuance and Suspension of Service.

Particulars of applications by public utilities to discontinue or suspend service are set forth in Table 4.

Complaints as to Service by Public Utilities.

Particulars of complaints as to service provided by public utilities are set forth in Table 5.

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 and the early part of 1948 increasingly large operating losses made it necessary to permit the filing, on an interim basis, of substantial general increases in transportation fares in the Lower Mainland area and of gas rates in both the Lower Mainland area and the Greater Victoria area. Public hearings on all the rates of the company, including those which had been dealt with as above on an interim basis, were held at Vancouver on August 25th to 27th, 1948, and at Victoria on September 20th, 1948. On September 24th, after consideration of the evidence and argument, the Commission made an order confirming the interim consents previously granted for urban transportation fare increases in Vancouver, New Westminster, and North Vancouver, and at the same time authorized corresponding fare increases in the Greater Victoria area, Burnaby, and Richmond. An increase to 10 cents of the minimum adult fare on the Fraser Valley branch of the interurban operations of the company was also authorized. The evidence disclosed that the increased transportation fares were still insufficient to enable the company to earn a fair return on its investment in the transportation systems.

With respect to the increased gas rates, which had been previously authorized but were reviewed at the public hearings referred to above, the evidence disclosed that the new rates were not sufficient to enable the company to earn a fair return on the investment in the gas systems. The company, however, did not ask for further increases.

The above paragraphs call for some reference to an Order in Council made under section 15 of the "Public Utilities Act" on July 16th, 1948. This Order in Council directs the Commission, in fixing the rates of British Columbia Electric Railway Company, Limited, to consider as one unit the following classes or categories of service, namely:—

(*a*) The transportation of persons and property by street-railway, tramway, trolley-coach, and motor-vehicles for the public for compensation:

(*b*) The generation, transmission, sale, delivery, and furnishing of electricity for the public for compensation:

(*c*) The production, storage, transmission, sale, delivery, and furnishing of gas for the public for compensation.

The Order in Council enables the Commission, in fixing rates, to merge the insufficient revenues from transportation and gas operations with the more than adequate revenues from the profitable electric-power operations, and thus hold rate increases for the unprofitable services to a lower level than would otherwise be the case.

At the hearings, certain revisions of electric rates of a more or less minor nature were considered. These included a revision of water-heating rates for the Greater Victoria area and a revision of rates in the Lower Mainland area for customers served under residential rate schedules whose demands are in excess of those required for normal household use. The former was authorized on November 18th and the latter on November 24th.

As the over-all return to investors from all operations was not excessive, no general reduction in electric rates was considered. Some specific requests which had been made for rate adjustments for particular areas and particular classes of users were left over for further consideration.

Rate Changes consented to pursuant to Sections 16 and 18 of "Public Utilities Act."

A complete statement of all rate changes authorized during 1948 appears in Table 6. The changes which are of the most importance and most general application are the general increases in gas rates and transportation fares of British Columbia Electric Railway Company, Limited, and its associated and subsidiary companies. The effect of increased costs of labour and materials was not so apparent during the year in rate revisions for other services, but substantial general rate increases by some smaller water and electric utilities and certain specific increases by larger utilities were necessary. A revision of the rules in the tariff of British Columbia Electric Railway Company, Limited, respecting extensions of electric distribution-lines deserves special attention. The extension policy of the company has had the close attention of the Commission for many years. A co-operative attitude on the part of the company in this matter has led to a progressive relaxation of the conditions under which extensions will be made. Under the 1948 revision, in the normal case, a customer requiring service involving a line extension can obtain it at the regular rates, subject only to the condition that he pay a minimum charge of $2 per month.

Rate Complaints.

The rate complaints dealt with during the year are summarized in Table 7.

SECURITY ISSUES, MORTGAGES, AND SALES.

Security Issues and Mortgages.

Applications during 1948 under section 21 of the "Public Utilities Act" for approval of security issues and mortgages are summarized in Table 8. The most notable feature is the new financing, by bonds and shares, of the expansion programme of British Columbia Electric Railway Company, Limited.

Sales of Assets of Public Utility Systems.

Transfers of property dealt with during 1948 under section 23 of the "Public Utilities Act" are summarized in Table 9. All but two of the transactions show a change to public ownership. Of the two exceptions, one is a family transaction and the other is the incorporation of a business of a private person.

REVENUES AND EXPENSES, 1940–48.

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 10. 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.

Revisions of routes and time schedules, the setting of carrying capacities of vehicles, and the filing of statistics were attended to from time to time in respect of transportation systems in accordance with the Regulations respecting Transportation ("Public Utilities Act").

CHANGE IN MEMBERSHIP OF COMMISSION DURING 1948.

We record with regret the accidental death on October 11th, 1948, of Major J. C. MacDonald, a member of the Commission since its inception in 1939.

TABLES.

TABLE 1.—APPLICATIONS FOR CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY RECEIVED OR DECIDED IN 1948.

Class of Service.	Applicant.	Date of Application.	Particulars.	Result.
Transportation...	Sea Bus Lines, Ltd.....	Dec. 1, 1948	Amendment of certificate of public convenience and necessity granted May 17, 1946, to authorize the carrying of mail and express on ferry across Howe Sound	Granted; Dec. 15, 1948.
Gas.....	British Columbia Electric Co., Ltd.	Jan. 26, 1948	Addition to gas-manufacturing plant in Vancouver by installation of water-gas set with capacity of 4,500,000 cu. ft. per day	Granted; Apr. 1, 1948.
	Northland Utilities, Ltd.	Apr. 5, 1948	Construction and operation of a natural-gas distribution system to serve the Village of Dawson Creek	Not completed in 1948.
Electric power....	British Columbia Electric Co., Ltd., and British Columbia Electric Railway Co., Ltd.	Nov. 30, 1948	Operation of distribution system in upper Howe Sound area, including Squamish, and construction of subtransmission-line from Britannia to Squamish to provide power-supply	Granted; Dec. 15, 1948.
	Fleming, J. C. and T. D., d/b/a James C. Fleming & Son	Sept. 15, 1947	Installation of electric-power plant and system for supply of wholesale power to Corporation of the Village of McBride	Granted; Mar. 25, 1948.
	Ronacher, Simon.....	May 3, 1948	Installation of electric-power plant and system at Athalmer	Granted; June 30, 1948.
Water.....	Braun, I. J.....	June 16, 1948	Installation of a waterworks system for new subdivision near Abbotsford	Granted; Oct. 14, 1948.
	Canning, H. B.....	July 22, 1948	Amendment of certificate granted Nov. 1, 1947, to extend the authorized area at Youbou	Granted; Sept. 15, 1948.
	Crescent Beach Waterworks, Ltd.	Aug. 17, 1948	Operation of waterworks system at Crescent Beach previously operated by T. H. Ryall	Granted: Aug. 23, 1948.
	Dawson Creek, Village of	Dec. 6, 1947	Operation of waterworks system in and about Dawson Creek, on purchase from War Assets Corporation	Granted; July 30, 1948.
	Duncan, City of.....	June 2, 1948	Operation of waterworks system previously operated at Duncan by Nanaimo-Duncan Utilities, Ltd.	Granted; June 14, 1948.
	Gosling, D. F.....	Jan. 28, 1948	Installation of a waterworks system for new subdivision near Abbotsford	Granted; Feb. 26, 1948.
	John, A. A. and H. S.....	Feb. 5, 1948	Operation of waterworks system previously operated by B. C. Affleck at Fruitvale	Granted; May 19, 1948.
	King & Durkin (J. P. King and P. J. Durkin)	Apr. 15, 1948	Installation of a waterworks system for new subdivision near Trail	Granted; May 19, 1948.
	Liechti, P.....	Aug. 9, 1948	Installation of a waterworks system at China Creek, principally for service to new subdivision	Granted; Sept. 13, 1948.

TABLE 1.—APPLICATIONS FOR CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY RECEIVED OR DECIDED IN 1948—*Continued.*

Class of Service.	Applicant.	Date of Application.	Particulars.	Result.
Water	Lytton Water Supply Co., Ltd.	Oct. 2, 1948	Improvements and extensions of waterworks system at Lytton and approval of new village franchise	Granted; Oct. 29, 1948.
	Ross, A.	May 26, 1948	Installation of a waterworks system at Aldergrove	Granted; June 21, 1948.
	Terrace, Village of	Oct. 24, 1947	Expansion of waterworks system into unorganized territory adjacent to Terrace	Granted; Jan. 5, 1948.
	Williams Lake, Village of	Mar. 30, 1948	Installation of a waterworks system in and about Williams Lake	Granted; Apr. 28, 1948.

TABLE 2.—EXTENSIONS DEALT WITH UNDER SECTION 12A OF THE "PUBLIC UTILITIES ACT" DURING 1948.

Class of Service.	Public Utility.	Number of Extensions.
Transportation	British Columbia Electric Railway Co., Ltd.	10
Gas	British Columbia Electric Co., Ltd.	1
Electric power	British Columbia Electric Railway Co., Ltd.	85
Water	Courtenay, City of	1
	Okanagan Centre Irrigation and Power Co., Ltd.	1
	Wells Townsite Co., Ltd.	1

TABLE 3.—APPLICATIONS TO COMMISSION TO REQUIRE PUBLIC UTILITIES TO EXTEND THEIR SYSTEMS, 1948.

Public Utility.	Applicant.	Particulars of Application.	Disposition.
B.C. Electric Railway Co., Ltd.	Burnaby, District of	Request for bus route extension on Second Street and new bus service on Marine Drive (matter brought forward from previous year)	Negotiation by company with municipality urged by Commission. Services subsequently inaugurated.
	Dadson, E.	Extension of electric distribution-lines near Cloverdale	Recent relaxation in company's rules and conditions for extensions made this extension feasible; extension to be made in due course in accordance with company's priority list.
	Delcourt, A. V.	Extension of electric distribution-lines near Cloverdale	Investigation disclosed application being proceeded with in accordance with regular priority procedure.
	Haines, F.	Complaint as to delay in making extension of electric distribution-lines near White Rock	Full report of facts obtained from company, which showed that regular priority procedure had been followed; copy of report sent to complainant.
	Reade, F. T.	Extension of electric distribution-lines to serve woodworking plant near Abbotsford	Investigation disclosed that definite instructions had not been given by complainant and that negotiations were still in progress.
	Richardson, Mrs. Muriel	Complaint of delay in making extension of electric distribution-lines at Whonnock to serve complainant	Investigation disclosed priority system of company properly applied to this case.
East Trail Water Co., Ltd.	Ghirardosi, C.	Extension of water-mains to applicant's house at East Trail	Investigation commenced but not concluded in 1948.
General Utility Co., Ltd.	Vaydo, G.	Extension of water-mains to applicant's house at Princeton	Investigation commenced but not concluded in 1948.
Harrison Lake Investment Co., Ltd.	Norman, H.	Protest against company's refusal to connect to its electric-power lines unless customer pays cost of such connection	Company's requirements found not unreasonable, as connection desired for seasonal use only.
Prince George, City of	Bailey, J. A.	Extension to serve complainant's house in South Fort George	Investigation disclosed extension to be made as soon as possible; applicant so informed.
	Oman, Mrs. J.	Extension to serve complainant's house near Prince George and complaint as to proposed terms	Complaint found to be due to misunderstanding; extension completed.
West Kootenay Power and Light Co., Ltd.	Billam, O. E.	Extension of electric distribution-lines at Canyon	Plant capacity inadequate to provide service to new users; methods of increasing capacity being investigated.
	Brown, D.	Extension of electric distribution-lines in the Robson-Syringa Creek area	Previous investigations renewed; matter in abeyance pending making of road survey.
	Gergley, S., and others	Extension of electric distribution-lines to serve certain homes within the City of Grand Forks	No order made against company as city distributes power within its own boundaries, but arrangements made for company to supply city at convenient location so that city could conveniently serve complainants.

TABLE 3.—APPLICATIONS TO COMMISSION TO REQUIRE PUBLIC UTILITIES TO EXTEND THEIR SYSTEMS, 1948—*Continued.*

Public Utility.	Applicant.	Particulars of Application.	Disposition.
West Kootenay Power and Light Co., Ltd.	Goerzen, H.	Complaint as to delay in completion of extension of electric distribution-lines near Kelowna	Investigation disclosed substantial extension involved; to be completed in spring of 1949 in accordance with priority list.
	Grand Forks Farmers' Institute	Extension of electric distribution-lines to serve North Fork district	Investigation disclosed too few customers to warrant line-construction necessary.
	Harder, A.	Extension of electric distribution-lines near Kelowna	Investigation disclosed separate primary extension required and priority system being followed.
	Nyman, A., and others	Extension of electric power-lines to serve Kettle Valley and Rock Creek	Investigation disclosed insufficient revenue to justify cost of providing service.
	Rojem, Ernst	Complaint as to delay in completion of extension of electric distribution-lines near Kelowna	Investigation disclosed substantial extension of primary line necessary; to be done in spring of 1949.
	Schulte, H. P.	Extension of electric distribution-lines to serve Blueberry	Required terms explained to complainant, who agreed to them; company so informed and stated intention of making extension in spring of 1949.
	Sweetwood, Mrs. I. M.	Complaint as to delay in completion of extension of electric distribution-lines near Kelowna	Undertaking obtained from company that extension to be made within six weeks.

TABLE 4.—APPLICATIONS TO DISCONTINUE OR SUSPEND SERVICE, 1948.

Applicant.	Date of Application.	Particulars.	Disposition.
British Columbia Electric Railway Co., Ltd.	Oct. 29, 1948	Discontinuance of operation of Kitsilano street-car route in City of Vancouver	Permission granted by order dated Oct. 29, 1948; approved by Order in Council No. 2523 on Nov. 3, 1948.
Davies, Wm. (Lone Butte Light and Power Co.)	July 29, 1948	Request for authority to cease operating electric-power system at Lone Butte	Application abandoned when circumstances explained to users and their agreement to higher rates obtained.
Murray, R. N.	Dec. 5, 1947	Abandonment of installation of electric-power system at Yahk	Certificate of public convenience and necessity of R. N. Murray cancelled by order dated Feb. 12, 1948; cancellation approved Feb. 17, 1948, by Order in Council No. 344.

TABLE 5.—COMPLAINTS AS TO SERVICE OF PUBLIC UTILITIES, 1948.

Public Utility.	Complainant.	Date of Complaint.	Particulars.	Disposition.
Anderson, S., & Co.	Martens, D., and others	Nov. 9, 1948	Complaint of irregularity of hours of service of electric-power system at Decker Lake	Investigation commenced but not concluded in 1948.
British Columbia Electric Railway Co., Ltd.	Hawkins Motors, Ltd.	Feb. 28, 1948	Complaint of voltage fluctuations in local area in Vancouver	Temporary partial improvement effected immediately by company, and necessary remedial measures pursued.
	Port Mann Community Association	Nov. 8, 1948	Complaint of low voltage in Port Mann area	Referred to company, which undertook corrective measures immediately.
	United Brotherhood of Carpenters and Joiners	Feb. 24, 1948	Protest against reduction of transportation service on Wednesdays in City of Vancouver	Investigation disclosed that the slight reduction made was justified by reduced loadings on Wednesdays.
Carlin Bros., Ltd.	Butler, G. E.	Oct. 19, 1948	Complaint as to freezing of pipes during winter in water system at Chase	Reasonable compromise proposed by company for payment of cost of lowering mains; no further action taken.
	Chase Community Association and Chase Central Board of Trade	Feb. and May, 1948	Complaint of low standard of water and electric service at Chase	Public inquiry held by Commissioner MacDonald at Chase, July 23, 1948, making facts known to all concerned.
Dumont, M.	Bailey, E.	Feb. 12, 1948	Complaint of cessation of water-supply at Kinnaird	Investigation disclosed water cut off because of leak, which could not be located due to heavy snow; complainant so informed.
Gold, W. H.	Dean, A., and LeFeuvre, F.	June 14, 1948	Complaint of inadequate pressure in water system at Youbou	Arrangements for higher head made by utility.
Kingsgate Water Works Co., Ltd.	Hinch, H.	Aug. 28, 1948	Complaint of inadequate water-pressure at complainant's home at Kingsgate	Applicant found to be at highest point on lines; installation by him of reserve tank recommended.
Lake Cowichan Electric Co., Ltd.	Smith, Mrs. J.	Nov. 18, 1948	Complaint of low voltage at Lake Cowichan	Investigation commenced but not concluded in 1948.
Miller, George (Yale Light & Power Co.)	Hope and District Board of Trade	July 22, 1948	Complaint of poor service, particularly fluctuations in voltage, in electric-power system at Yale	Additional capacity installed after investigation.
Vancouver Island Utilities, Ltd.	Peterson, Mrs. N.	Jan. 31, 1948	Complaint of low voltage on Dove Creek extension	Voltage raised 9%. Enlargement of lines delayed due to shortage of materials.

TABLE 5.—COMPLAINTS AS TO SERVICE OF PUBLIC UTILITIES, 1948—*Continued.*

Public Utility.	Complainant.	Date of Complaint.	Particulars.	Disposition.
West Kootenay Power and Light Co., Ltd.	Campbell, F. T.....	Nov. 5, 1948	Complaint of voltage conditions at peak-load periods in East Trail area	Investigation disclosed company building new feeder line to East Trail area to rectify conditions.
	Fruitvale Ratepayers' Association	Nov. 22, 1948	Complaint of low voltage and voltage fluctuations at Fruitvale	After investigation, complainant expressed satisfaction with remedial measures and checks carried out by company.
	Cowen, C.....	Sept. 1, 1948	Complaint as to large number of interruptions of service in Kelowna area	Explanation of causes obtained and passed on to complainant.
	Hedley Board of Trade	Dec. 14, 1948	Restoration of street-lighting service requested	Investigation disclosed service provided free by company, that outage was due to damaged transformer and that repairs are under way.

TABLE 6.—RATE CHANGES CONSENTED TO DURING 1948 PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT."

(*a*) *Transportation Systems.*

Name of Public Utility.	Route affected.	Effect of Change.	Date filed.	Date effective.
British Columbia Electric Railway Co., Ltd.	All transit lines in City of New Westminster and extensions thereof to adjacent areas	General increase in fares to offset operating losses	Feb. 19, 1948 (confirmed Sept. 24, 1948, following public hearing)	Feb. 22, 1948.
	All transit lines in City and District of North Vancouver	General increase in fares to offset operating losses	Mar. 19, 1948 (confirmed Sept. 24, 1948, following public hearing)	Mar. 28, 1948.
	Interurban railway lines.....	Increase in local freight rates to conform to Order No. 70425 of the Board of Transport Commissioners for Canada	Apr. 3, 1948	Apr. 8, 1948.
	Interurban railway lines.....	Increase of 21% in mileage rates for freight to conform to Order No. 70445 of the Board of Transport Commissioners for Canada	Apr. 8, 1948	Apr. 8, 1948.
	Vancouver – Lynn Canyon Park	Fare established for special express passenger-bus service operated on Sundays and holidays in fine weather	June 4, 1948	June 4, 1948.
	All transit lines in Richmond	General increase in fares to offset operating losses	Sept. 24, 1948	Oct. 10, 1948.
	All transit lines in Burnaby	General revision to provide uniform integrated fare structure and general increase in fares to offset operating losses	Sept. 24, 1948	Oct. 10, 1948.
	Fraser Valley interurban railway lines	Increase of minimum fares from 5c. to 10c.	Sept. 24, 1948	Oct. 10, 1948.
	All transit lines in Greater Victoria area	General increase to offset operating losses	Sept. 24, 1948	Oct. 3, 1948.
	Burnaby and New Westminster routes near fare-zone boundary	Elimination of double fares for certain Burnaby schoolchildren located in New Westminster fare zone	Dec. 29, 1948	Jan. 3, 1949.

TABLE 6.—RATE CHANGES CONSENTED TO DURING 1948 PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT"—*Continued.*

(*a*) *Transportation Systems*—Continued.

Name of Public Utility.	Route affected.	Effect of Change.	Date filed.	Date effective.
North Vancouver, City of	Vancouver–North Vancouver ferry	Elimination of tickets at 20 for $1, leaving in effect tickets at 10 for 60c.	Feb. 6, 1948	Feb. 1, 1948.
	Vancouver–North Vancouver ferry	Elimination of children's fares and lowering of age-limit for adult fares with a view to more efficient and economical operation of automatic turnstiles	Dec. 20, 1948	Jan. 1, 1949.

(*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 discontinuance of toll-station service at request of subscribers involved	Mar. 5, 1948	Mar. 5, 1948.
	East Kootenay area	Minor tariff revisions arising from installation and discontinuance of toll-station service at request of subscribers involved	Dec. 22, 1948	Dec. 22, 1948.

(*c*) *Electric-power Systems.*

Bridge River Power Co., Ltd.	Bridge River area	Original filing of employees' rate	July 30, 1948	July 30, 1948.
	Bridge River area	Revision of conditions for extensions of distribution-lines, to effect simplification and uniformity and reduction of costs	Aug. 2, 1948	Aug. 2, 1948.
British Columbia Electric Railway Co., Ltd.	Municipality of Saanich	New provision for service at higher voltages for street-lighting, such service being required for use of modern equipment	Jan. 12, 1948	Dec. 1, 1947.
	Vancouver and Lower Mainland	New rate for industrial-power customers with demand of at least 2,500 kw. for service at 12,000 volts or more, effecting reduction	Jan. 31, 1948	Jan. 31, 1948.
		Minor modifications of industrial-power rate filed on Jan. 31, 1948	Feb. 24, 1948	Feb. 24, 1948.
	Vancouver Island, South	New rate for service to public schools in Greater Victoria area, effecting reduction of approximately $1,500 per year	Mar. 9, 1948	Mar. 1, 1948.
	Vancouver and Lower Mainland	Revision of conditions for extensions of distribution-lines, to effect simplification and uniformity and reduction of costs; reduction of annual revenue by $23,000, resulting from revision of revenue guarantees of customers served by existing extensions	Apr. 12, 1948	Apr. 1, 1948.

TABLE 6.—RATE CHANGES CONSENTED TO DURING 1948 PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT"—*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.	Vancouver Island, South	Discontinuance to new customers of flat rates for water-heating, and revision of other schedules to permit such service at meter rate of 1c. per kwh.	May 31, 1948	June 1, 1948.
		Revision of conditions for extensions of distribution-lines, to effect simplification and uniformity and reduction of costs	May 31, 1948	June 1, 1948.
	Lower Fraser Valley	Estimation of fair bills during period when flood conditions made application of normal billing methods inequitable	June 19, 1948	During flood period.
	Vancouver and Lower Mainland	Introduction of rate for residential space-heating (such service not previously available)	Aug. 5, 1948	Aug. 5, 1948.
	Vancouver Island, South	Increase in flat rates for domestic water-heating unless insulation and thermostatic controls installed	Nov. 18, 1948	Feb. 1, 1949.
	Vancouver and Lower Mainland	Imposition of demand charge and small increase in energy charges for residential customers requiring more than 10 kva. of transformer capacity; estimated increase in revenue, $7,834 per year	Nov. 24, 1948	Nov. 24, 1948.
	Vancouver and Lower Mainland	Revision of rules in tariff to clarify definition of "residential service" and to make practice uniform with that in effect under the company's gas tariff	Dec. 2, 1948	Dec. 2, 1948.
	Export	Rates established for dump power exported when available to Washington Water Power Co. and Permanente Corporation	Dec. 11, 1948	When dump power available.
Clinton Light and Power Co., Ltd.	Clinton	Increase of 1c. per kilowatt-hour and introduction of maximum service charge of $24 per month; estimated increase in revenue, $1,440 per year	Aug. 14, 1948	Aug. 1, 1948.
Cranbrook, City of	Areas adjacent to Cranbrook	Change of discount date from 16th to 18th of each month	Aug. 30, 1948	Sept. 1, 1948.
Davies, Wm. (Lone Butte Light & Power)	Lone Butte	Rates increased by introduction of service charge of $10 per month	Oct. 18, 1948	Oct. 1, 1948.
East Kootenay Power Co., Ltd.	East Kootenay area	Increase in industrial rates to Consolidated Mining & Smelting Co. of Canada, Ltd., at Kimberley, and Crow's Nest Pass Coal Co., Ltd., at Michel and Elk River; estimated increase in revenue, $130,000 per year	Dec. 15, 1948	Jan. 1, 1949.

TABLE 6.—RATE CHANGES CONSENTED TO DURING 1948 PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT"—*Continued.*

(*c*) *Electric-power Systems*—Continued.

Name of Public Utility.	Area affected.	Effect of Change.	Date filed.	Date effective.
Kimberley, City of	Areas adjacent to Kimberley	Standard conditions for extensions of distribution-lines established	Sept. 22, 1948	Oct. 1, 1948.
Merritt, City of	Areas adjacent to Merritt	Reduction of rates to approximately those in effect within the city limits	Mar. 31, 1948	Mar. 1, 1948.
Miller, George (Yale Light & Power)	Yale	Increase of approximately 50% in rates to overcome revenue deficiencies	Dec. 21, 1948	Dec. 1, 1948.
New Westminster, City of	D.L. 172 (adjacent to city)	Reduction of rates for electric-range users to those in effect in City of New Westminster	Dec. 15, 1948	Dec. 8, 1948.
Princeton Light and Power Co., Ltd.	Princeton	General rate reduction, following reduction in rate for power purchased by utility	Jan. 27, 1948	Dec. 1, 1947.
Spences Bridge Light & Power Co., Ltd.	Spences Bridge	Increase in rate for hotels from $15 to $30 per month	Oct. 25, 1948	Oct. 1, 1948.
West Kootenay Power & Light Co., Ltd.	Southern Interior of British Columbia	Increase in commercial water-heating rate for large users	Aug. 23, 1948	Sept. 1, 1948.

(*d*) *Waterworks Systems.*

British Pacific Properties, Ltd.	Subdivision in West Vancouver	General revision to make rate schedules conform more closely to those of the District of West Vancouver	Oct. 15, 1948	Oct. 31, 1948.
Courtenay, City of	Area adjacent to Courtenay	Rate established for new service to fish-hatchery	July 7, 1948	July 9, 1948.
Cranbrook, City of	Areas adjacent to Cranbrook	Additional charge of 50c. per month for extra bath or toilet	Aug. 30, 1948	Sept. 1, 1948.
Creston, Village of	Areas adjacent to Creston	Reduction to bring rates outside village into conformity with those inside	Nov. 18, 1948	Dec. 1, 1948.
The Elk Creek Waterworks Co., Ltd.	Chilliwack	General revision to deal with omissions and ambiguities and eliminate discrimination; no substantial overall effect on revenues	July 20, 1948	Sept. 1, 1948.
General Utility Co., Ltd.	Princeton	Revision of discount rules to enable user who passes discount date to obtain discount under certain conditions	Mar. 16, 1948	Mar. 1, 1948.
Kelowna, City of	Areas adjacent to Kelowna	Increase in connection charge to offset increased costs	May 7, 1948	July 1, 1948.
Kinnaird Water Co., Ltd.	Kinnaird	Increase in connection charge to offset increased costs	Aug. 23, 1948	Aug. 23, 1948.
Ladysmith, City of	Areas adjacent to Ladysmith	General increase in rates, amounting to approximately 50c. per month per customer, to offset increased costs resulting from developing new source of supply	Dec. 15, 1948	Jan. 1, 1949.

TABLE 6.—RATE CHANGES CONSENTED TO DURING 1948 PURSUANT TO SECTIONS 16 AND 18 OF THE "PUBLIC UTILITIES ACT"—*Continued.*

(*d*) *Waterworks Systems*—Continued.

Name of Public Utility.	Area affected.	Effect of Change.	Date filed.	Date effective.
Okanagan Centre Irrigation & Power Co., Ltd.	Okanagan Centre	Special charge of $2 per acre-foot during 1948 irrigation season to provide for cost of special main replacements	Rate authorized by order of Commission dated Mar. 15, 1948	1948 season.
Ryall, T. H. (Crescent Beach Waterworks)	Crescent Beach	General increase in rates to provide required increase in revenue of approximately $4,000 per year	July 27, 1948	July 1, 1948.
Saseenos Water, Light & Power Co., Ltd.	Saseenos	Increase in connection charge to offset increased costs	May. 12, 1948	May 1, 1948.
Victoria, City of	Areas served by city outside its own boundaries	Increase in connection charge to offset increased costs	Apr. 19, 1948	June 1, 1947.
Wood Lake Water Co., Ltd.	Oyama	Increase in irrigation rate for 1948 season	Feb. 21, 1948	1948 season.

(*e*) *Gas Systems.*

British Columbia Electric Co., Ltd. (and Victoria Gas Co., Ltd.)	Greater Victoria area	General increase to offset increased costs	June 22, 1948	June 22, 1948.

TABLE 7.—RATE COMPLAINTS, 1948.

Public Utility.	Complainant.	Date of Complaint.	Particulars.	Disposition.
British Columbia Electric Railway Co., Ltd.	Burnaby Ratepayers' Central Council	Nov. 27, 1948	Complaint as to double fares payable by certain school-children in eastern part of Burnaby	Tariff revised to remove cause of complaint.
	Pearson, F.	Oct. 12, 1948	Complaint of high cost of transportation between Vancouver and Burnaby if separate cash fares paid in each zone	Commutation fares explained to complainant.
	Provincial Normal School and Victoria College, Victoria	Sept. 18, 1948	Bus-fare concessions requested for Normal School and Victoria College students	Referred to company for discussion with Greater Victoria Transportation Committee.
	Smith, H. B.	Oct. 12, 1948	Complaint as to demand of Victoria bus-driver for cash fare when he has no tickets to sell	Referred to company, and corrective measures taken by it to satisfaction of complainant.
Davies, Wm. (Lone Butte Light & Power Co.)	Granberg, E., and Horn, W. A.	Feb. and Mar., 1948	Complaint of overcharging for electric power at Lone Butte	Field investigation by staff of Commission, followed by adoption of new rates agreed to by users.
Elk Creek Waterworks Co., Ltd., The	Harrington, G. B.	Feb. 21, 1948	Complaint as to increase in flat rate for water at Chilliwack	Complainant assigned to meter rate in accordance with tariff when increase in flat rate found to be unwarranted.
Nelson, City of	Grimes, R. A., and others	Aug. 20, 1948	Renewal of complaint that rates on North Shore area near Nelson are too high	Further investigation made and preliminary steps taken to effect reduction.
Okanagan Telephone Co.	Kelowna Board of Trade	Dec. 16, 1947	Complaint that too high a rate charged for telephone service at ferry-landing at Westbank	Investigation by Commission cleared up misunderstandings; matter settled to satisfaction of complainant.
Princeton Light and Power Co., Ltd.	Avery, H. H.	Jan. 27, 1948	Complaint as to increase in minimum charge to complainant for small commercial use of electric power at Princeton	Investigation disclosed correct rate charged; low rate previously charged had been established as temporary measure because of lack of meters.
Spences Bridges Light and Power Co., Ltd.	Shanks, H. M.	Aug. 7, 1948	Complaint as to increase in rate for electric power for hotel at Spences Bridge	Increase suspended; later consented to when shown to be warranted after field investigation.
West Kootenay Power & Light Co., Ltd.	John, A.	Dec. 15, 1948	Complaint that rate charged complainant for power at Beaver Falls is too high	Complainant found to be correctly billed.

TABLE 8.—APPLICATIONS BY PUBLIC UTILITIES FOR APPROVAL OF SECURITY ISSUES AND MORTGAGES RECEIVED OR DECIDED IN 1948.

Applicant.	Nature and Amount of Issue.	Purpose.	Date of Application.	Disposition.
British Columbia Electric Co., Ltd.	$17,000,000 of 3¾% first mortgage bonds	Additions to the plants and systems of the applicant and its subsidiaries	Mar. 18, 1948	Granted; Mar. 18, 1948.
	50,000 4¾% cumulative redeemable preferred shares of par value of $100 each (approval of issue of 35,000 preferred shares, granted Sept. 23, 1947, rescinded)	Additions to the plants and systems of the applicant and its subsidiaries	Oct. 20, 1948	Granted; Oct. 21, 1948.
British Columbia Electric Railway Co., Ltd.	$1,513,000 of general mortgage bonds, issued to British Columbia Electric Co., Ltd.	To secure moneys advanced or to be advanced to the applicant by its parent company, British Columbia Electric Co., Ltd.	Mar. 16, 1948	Granted; Mar. 24, 1948.
	$10,000,000 of general mortgage bonds, issued to British Columbia Electric Co., Ltd.	To secure moneys advanced or to be advanced to the applicant by its parent company, British Columbia Electric Co., Ltd.	Apr. 22, 1948	Granted; Apr. 28, 1948.
Clinton Power & Light Co., Ltd.	360 shares of capital stock for cash at their par value of $50 each	Additions to the plant and system of the applicant	Nov. 12, 1948	Granted; Dec. 7, 1948.
Crescent Beach Waterworks, Ltd.	15,000 shares of a par value of $1 each, issued to T. H. Ryall	Part payment for waterworks system of T. H. Ryall	Aug. 17, 1948	Granted; Aug. 23, 1948.
	$20,000 6% debenture issued to T. H. Ryall	Part payment for waterworks system of T. H. Ryall	Aug. 17, 1948	Granted; Aug. 23, 1948.
The Elk Creek Waterworks Co., Ltd.	Issue of 10,104 n.p.v. shares at $3 per share, and transfer of all outstanding shares to holders of preference shares of West Canadian Hydro Electric Corporation, Ltd.	Part of special liquidation of West Canadian Hydro Electric Corporation, Ltd.	Dec. 12, 1947	Granted; Jan. 5, 1948.
Northland Utilities (B.C.), Ltd.	$30,000 5% first mortgage bond to Northland Utilities, Ltd.	To fund $30,000 advances previously made to the applicant by its parent company, Northland Utilities, Ltd., and to provide additional security in this amount for the bonds of the parent company	Nov. 28, 1947	Granted; Jan. 15, 1948.
Okanagan Telephone Co.	Issue of 500 shares of par value of $100 each, and transfer of all outstanding shares to Okanagan Valley Telephone Co., Ltd.	Part of a special liquidation of West Canadian Hydro Electric Corporation, Ltd.	Dec. 12, 1947	Granted; Jan. 5, 1948.
	$750,000 first mortgage sinking fund bonds 3¾%, Series A	For redemption and payment of outstanding debentures and of debt secured by bond, and for improvements of and additions to property	Jan. 16, 1948	Granted; Jan. 29, 1948.

TABLE 9.—APPLICATIONS FOR APPROVAL OF SALES OF ASSETS OF PUBLIC UTILITY SYSTEMS RECEIVED OR DECIDED IN 1948.

Applicant.	Transferee.	Property sold or transferred.	Date of Application.	Disposition.
Affleck, B. C.	John, A. A. and H. S.	Waterworks system at Fruitvale	Jan. 16, 1948	Granted; May 19, 1948.
Castlegar Water Co., Ltd.	Castlegar, Village of	Waterworks system at Castlegar	Sept. 15, 1948	Granted; Sept. 24, 1948.
Columbia Valley Ranches, Ltd.	Edgewater Water and Light District	Waterworks system at Edgewater	June 8, 1948	Granted; June 9, 1948.
	Vermilion Irrigation District	Irrigation system at Edgewater	June 8, 1948	Granted; June 9, 1948.
Nanaimo-Duncan Utilities, Ltd.	Duncan, City of	Waterworks system in the City of Duncan and surrounding areas	May 28, 1948	Granted; June 1, 1948.
Okanagan Centre Irrigation and Power Co., Ltd.	Winfield and Okanagan Centre Irrigation District	Irrigation and domestic water system at Okanagan Centre	Oct. 25, 1948	Granted; Nov. 22, 1948.
Quesnel Telephone Co., Ltd.	H.M. the King in right of Canada	Telephone system at Quesnel	July 20, 1948	Granted; July 23, 1948.
Ryall, T. H.	Crescent Beach Waterworks, Ltd.	Waterworks system at Crescent Beach	Aug. 17, 1948	Granted; Aug. 23, 1948.

TABLE 10.—COMPARATIVE STATEMENT OF REVENUE AND EXPENSES ("PUBLIC UTILITIES ACT" AND "MOTOR CARRIER ACT"), 1940 TO 1948.

	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
1948	382,309.44	177,124.16	57,721.50
Totals	$2,130,786.22	$848,089.80	$427,312.13

Net revenue over expenses, 1940 to 1948, $855,384.29.

VICTORIA, B.C.:
Printed by DON MCDIARMID, Printer to the King's Most Excellent Majesty
1949.