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Distribution Systems

Transmission Lines

Transformer Stations

Hydro-Electric Generating Stations

Réseaux de distribution

Lignes de transport

Postes de transformation

Centrales hydro-électriques

The base-weighted price indexes of the cost of constructing electric utility distribution systems, transmission lines, transformer and hydro-electric generating stations in Canada, express prices for major inputs in a given year as a percentage of prices for the same components of cost in the base year, 1961. Annual commodity, group and total indexes are presented herein for the above mentioned components of electric utility capital expenditures.

Les indices de prix à pondération de base de la construction de réseaux de distribution, des lignes de transport, des postes de transformation et des centrales hydro-électriques au Canada expriment le prix des principales entrées d'une année en pourcentage du prix des mêmes composantes l'année de base (1961). Les indices annuels des marchandises, les indices de groupes et les indices totaux sont présentés ci-dessous pour ces composantes des dépenses d'investissements.

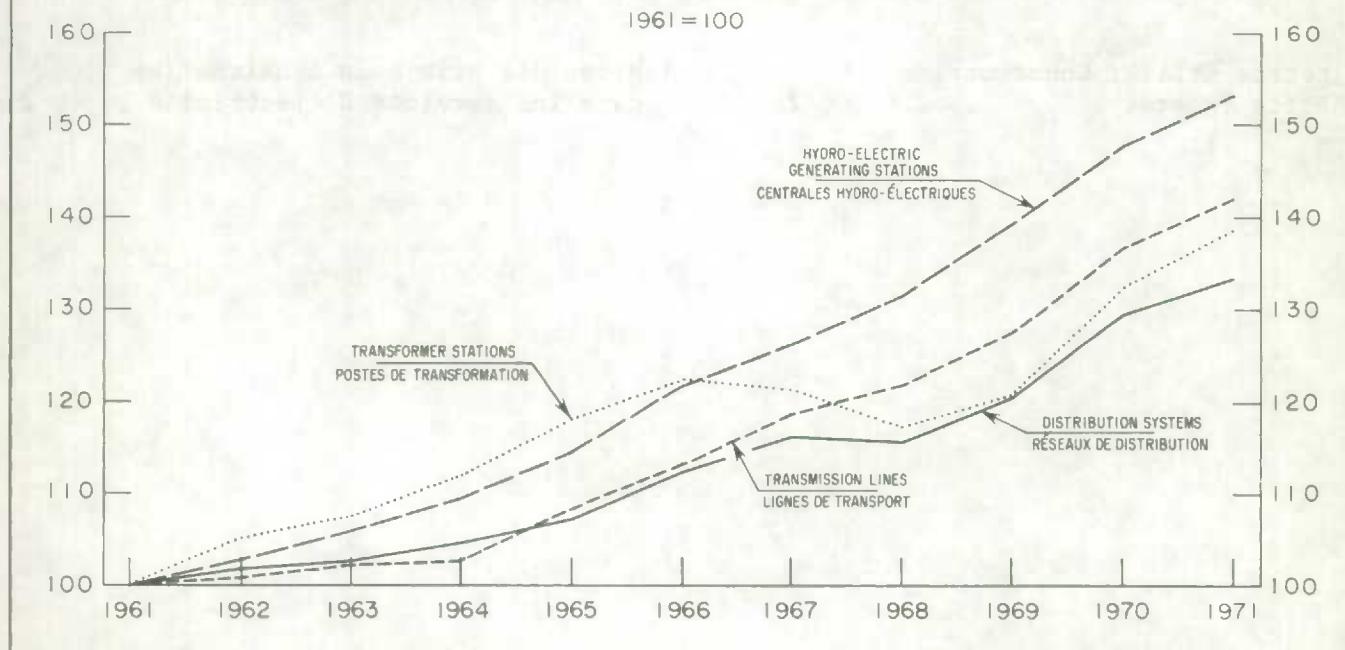
Characteristics of Recent Price MovementCaractéristiques de l'évolution récente du mouvement de prix

To place recent index movements in their larger context, a brief review of changes in the supply and demand characteristics relating to electric utility construction is provided.

Voici une brève revue des changements survenus dans les caractéristiques de l'offre et de la demande de construction hydro-électrique, revue destinée à replacer les récentes variations de l'indice dans leur contexte.

**PRICE INDEXES OF ELECTRIC UTILITY CONSTRUCTION: DISTRIBUTION SYSTEMS,
TRANSMISSION LINES, TRANSFORMER AND HYDRO-ELECTRIC GENERATING STATIONS,
CANADA, ANNUALLY, 1961-1971**

**INDICES DES PRIX À LA CONSTRUCTION DANS LES SERVICES D'ÉLECTRICITÉ:
RÉSEAUX DE DISTRIBUTION, LIGNES DE TRANSPORT, TRANSFORMATION ET CENTRALES
HYDRO-ÉLECTRIQUES, CANADA, PAR ANNÉE 1961-1971**



Related Economic Indicators

Indicateurs économiques connexes

| Related economic indicators — Indicateurs économiques connexes | <u>1969</u> <u>1968</u> | <u>1970</u> <u>1969</u> | <u>1971</u> <u>1970</u> |
|--|----------------------------|----------------------------|----------------------------|
| percentage change variation en pourcentage | | | |
| Capital expenditures in Canada — Dépenses d'investissement au Canada | + 9.5 | + 5.1 | + 11.2 |
| Capital expenditures in electric utilities — Dépenses d'investissement des services d'électricité | + 5.3 | + 14.8 | + 8.8 |
| Expenditures in electric utilities as a proportion of capital expenditures in Canada — Dépenses des services d'électricité en proportion des dépenses d'investissement au Canada | 8.3 | 9.0 | 8.9 |
| Net generating capability — Puissance maximale théorique | + 9.1 | + 10.0 | + 5.8 |

Capital expenditures in Canada rose about 11 % in 1971, the largest increase shown in the past three years and a sharp increase over the 5 % increase of the previous year.

Electric utility capital expenditures increased almost 9 % in 1971, an increase which fell short of almost 15 % registered in 1970. However the proportion of total capital expenditures invested by electric utilities held constant at 9 % during these two years, an increase of almost 1 % over the electric utilities share of capital expenditures for 1969. Additions to net generating capability stood at 5.8, the lowest gain of the three years under review.

The price movement accompanying these indexes is as follows; in 1971, average price index movement rose about 4.5 %, a rate of increase reduced from the approximate 7.5 % change of 1970, thus marking a return to the magnitude of price change observed in 1969. Labour wage rates continue to rise at between 6 and 9 % at aggregative levels, registering similar increases to those shown in the two earlier years. Most other index components showed lesser rates of increases, indeed in 1971, materials rose less than during any of the last three years. Some major index components exhibited almost no price change or declined sharply in 1971. For example, conductors, poles and hardware showed little change and interest during construction fell almost 10 %. Prices for these major index components showed increases in the previous year. A table follows in which recent price changes are described in greater detail.

For an expanded description of concepts, techniques and index contents, readers are requested to refer to Price Indexes of Electric Utility Construction, Statistics Canada Catalogue 62-526 and to Price Indexes for Hydro-Electric Generating Stations, Statistics Canada Catalogue 62-533.

Les dépenses d'investissement au Canada en 1971 ont connu leur plus forte augmentation depuis trois ans (11 %) et elles ont progressé de 5 % comparativement à l'année dernière.

Les dépenses d'investissement des services d'électricité se sont accrues de près de 9 % en 1971 alors que l'augmentation de 1970 avait été de près de 15 %. Toutefois, la proportion des dépenses totales d'investissement faites par les services publics d'électricité est demeurée à 9 % en 1970 et 1971, ce qui représente une augmentation de près de 1 % par rapport à 1969. L'accroissement de la puissance maximale théorique s'est établi à 5.8; il s'agit là de la plus faible hausse des trois années observées.

Voici les variations de prix qui ont accompagné ces indices: alors qu'il avait augmenté de 7.5 % en 1970, l'indice moyen des prix n'a augmenté que d'environ 4.5 % en 1971; cette augmentation se rapproche à nouveau de celle de 1969. La hausse des taux de rémunérations de la main-d'œuvre s'est poursuivie et a atteint de 6 à 9 % au niveau agrégatif; cette augmentation a donc été semblable à celle des deux années précédentes. La majorité des autres indices a connu des taux d'accroissement plus faibles: en fait, l'indice des matériaux a connu son augmentation la plus faible en 1971. Certains indices principaux n'ont enregistré presque aucune variation ou ont fortement diminué en 1971. Par exemple, les conducteurs, les poteaux et la quincaillerie ont peu varié et l'intérêt en cours de construction a diminué de près de 10 %. Les prix sur lesquels ces indices portent avaient augmenté en 1970. Le tableau ci-dessous décrit les récentes variations de prix plus en détail.

Les lecteurs qui désirent une description plus explicite des concepts, des techniques et du contenu des indices pourront consulter Price Indexes of Electric Utility Construction (no. 62-526 au catalogue de Statistique Canada) et Indices des prix de la construction de centrales hydro-électriques (no. 62-533 au catalogue de Statistique Canada).

Price Indexes of Electric Utility Construction

Indices des prix à la construction dans les services d'électricité

| | <u>1968</u> <u>1967</u> | <u>1969</u> <u>1968</u> | <u>1970</u> <u>1969</u> | <u>1971</u> <u>1970</u> |
|---|----------------------------|----------------------------|----------------------------|----------------------------|
| percentage change — variation en pourcentage | | | | |
| Distribution systems — Réseaux de distribution | - 1.4 | + 4.1 | + 7.5 | + 3.2 |
| Construction — Construction | + 0.8 | + 5.3 | + 8.6 | + 3.1 |
| Materials — Matériaux | - 4.3 | + 3.7 | + 9.5 | - 0.7 |
| Poles — Poteaux | - 5.1 | + 5.7 | + 9.2 | + 2.1 |
| Conductors — Conducteurs | - 6.7 | + 0.6 | + 7.1 | - 1.2 |
| Labour — Main-d'oeuvre | + 7.8 | + 7.6 | + 7.9 | + 7.6 |
| Construction equipment — Matériel de construction | + 2.6 | + 3.8 | + 5.6 | + 5.6 |
| Distribution systems equipment — Matériel des réseaux de distribution | - 4.1 | 0.0 | + 3.9 | + 3.5 |
| Transmission lines — Lignes de transport | + 2.7 | + 4.6 | + 7.1 | + 4.0 |
| Materials — Matériaux | + 0.4 | + 4.3 | + 6.1 | + 1.4 |
| Poles, western cedar — Poteaux cèdre de l'Ouest | - 2.0 | - 1.2 | + 8.8 | - 0.6 |
| Hardware — Quincaillerie | + 0.4 | + 3.7 | + 14.1 | - 0.2 |
| Towers — Pylônes | + 0.4 | + 8.7 | + 6.5 | + 6.1 |
| Conductors, ACSR — Conducteurs d'aluminium à âme d'acier | + 0.2 | + 2.9 | + 1.0 | + 0.4 |
| Insulators — Isolateurs | + 4.2 | + 7.8 | + 1.5 | + 4.7 |
| Labour — Main-d'oeuvre | + 8.5 | + 8.0 | + 7.3 | + 8.8 |
| Construction equipment — Matériel de construction | + 12.3 | + 2.8 | + 4.5 | + 4.4 |
| Transformer stations — Postes de transformation | - 3.3 ^r | + 2.7 ^r | + 9.8 | + 4.8 |
| Structures and improvements — Construction et améliorations | - 2.1 ^r | + 6.0 ^r | + 4.6 | + 1.2 |
| Materials — Matériaux | - 1.1 | + 7.1 | + 6.2 | + 1.4 |
| Buswork and conductors — Travail de câblage et conducteurs | - 4.1 | + 4.0 | + 6.0 | - 3.0 |
| In-place prices — Prix des ouvrages mis en place | - 4.8 ^r | + 5.2 ^r | - 1.0 | 0.0 |
| Earth excavation — Excavation | - 4.9 ^r | + 4.5 ^r | - 1.4 | + 0.4 |
| Crushed gravel — Gravier concassé | - 4.5 ^r | + 6.4 ^r | - 0.1 | - 0.9 |
| Labour — Main-d'oeuvre | + 7.5 | + 8.9 | + 7.5 | + 7.5 |
| Station equipment — Matériel de poste | - 7.3 | - 0.6 | + 12.5 | + 4.9 |
| Power transformers — Transformateurs | - 9.6 | - 1.9 | + 6.0 | + 6.0 |
| Power circuit breakers — Disjoncteurs | - 7.4 | - 4.0 | + 11.8 | + 2.0 |
| Metalclad switchgear — Appareillage de commutation blindé | - 3.6 | + 4.6 | + 4.5 | + 4.5 |
| Disconnect switches — Interrupteurs | - 2.7 | - 5.8 | + 2.6 | + 6.1 |
| Hydro-electric generating stations — Centrales hydro-électriques | + 4.0 | + 6.0 | + 6.2 | + 3.6 |
| Powerhouse — Centrale | + 4.8 | + 6.0 | + 6.5 | + 5.7 |
| Dams, reservoirs and waterways — Barrages, réservoirs et passages d'eau | + 3.3 | + 5.9 | + 5.9 | + 4.6 |
| Temporary Construction camps — Baraquements provisoires | + 3.2 | + 5.4 | + 3.9 | + 4.5 |
| Interest during construction — Intérêts pendant la construction | + 13.4 | + 10.5 | + 6.0 | - 9.8 |
| Engineering and administration — Ingénierie et administration | + 6.7 | + 7.9 | + 8.1 | + 6.1 |

TABLE 1. Price Indexes of Electric Utility Distribution Systems, Major Components and Items, Canada, Annually, 1962-71

TABLEAU 1. Indices des prix relatifs aux réseaux de distribution d'électricité, principaux éléments et articles individuels, Canada, par année, 1962-71
(1961=100)

| Major components and items Total Principaux éléments et articles individuels | Indexes - Indices | | | | | | | | | | | | | | |
|--|-------------------|------|------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------------------|-------|-------|
| | Weights - Poids | | | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 ^P | | |
| | | | | | | | | | | | | | | | |
| Distribution systems - Réseaux de distribution | 100.0 | | | 101.8 | 102.5 | 104.6 | 107.1 | 112.4 | 116.1 | 115.6 | 120.3 | 129.3 | 133.4 | | |
| Construction - Construction | 69.0 | 40.5 | 8.8 | 102.5 | 105.2 | 107.7 | 112.3 | 118.4 | 125.3 | 126.3 | 133.0 | 144.5 | 149.0 | | |
| Materials(1) - Matériaux(1) | | | | 101.8 | 103.9 | 105.2 | 110.0 | 116.8 | 119.0 | 113.9 | 118.1 | 129.3 | 128.4 | | |
| Poles - Poteaux | | | 2.6 | 104.0 | 108.4 | 107.3 | 121.1 | 130.8 | 125.4(2) | 119.0 | 125.8 | 137.4 | 140.3 | | |
| Crossarms - Traverses | | | 5.1 | 111.9 | 116.6 | 128.0 | 128.2 | 129.9 | 133.2 | 138.6 | 157.5 | 199.0 | 190.1 | | |
| Hardware - Quincaillerie | | | | 101.3 | 103.5 | 103.5 | 102.0 | 101.3 | 106.8 | 107.8 | 114.1 | 130.7 | 130.8 | | |
| Secondary racks - Supports secondaires | | | | 1.4 | 102.6 | 104.4 | 104.4 | 98.6 | 90.1 | 94.4 | 97.0 | 108.9 | 126.2 | 127.1 | |
| Other hardware - Autre quincaillerie | | | | 3.7 | 100.9 | 103.2 | 103.2 | 103.3 | 105.6 | 111.6 | 112.0 | 116.1 | 132.5 | 132.3 | |
| Conductors - Conducteurs | | 20.4 | | 99.7 | 100.6 | 102.3 | 106.6 | 116.1 | 120.8 | 112.7 | 113.4 | 121.4 | 120.0 | | |
| Triplex - Triplex | | | | 9.9 | 98.1 | 97.4 | 97.2 | 99.4 | 103.4 | 105.9 | 96.2 | 93.4 | 96.3 | 99.1 | |
| Polyethylene insulated - Isolés au polyéthylène: | | | | | | | | | | | | | | | |
| Aluminum - Aluminium | | | 5.4 | 98.1 | 97.4 | 97.3 | 99.6 | 103.5 | 105.7 | 95.4 | 94.5 | 97.4 | 100.3 | | |
| Copper - Cuivre | | | 5.1 | 104.6 | 110.3 | 117.5 | 128.0 | 153.9 | 165.5 | 162.9 | 172.3 | 195.5 | 181.1 | | |
| Insulators - Isolateurs | | | .9 | 100.6 | 101.4 | 101.4 | 106.0 | 111.8 | 117.8 | 122.7 | 132.3 | 134.3 | 140.6 | | |
| Luminaires - Luminaires | | | 2.7 | 101.2 | 102.7 | 103.0 | 98.5 | 95.2 | 95.7 | 91.0 | 93.1 | 92.2 | 85.3 | | |
| Labour - Main-d'œuvre | | 24.8 | | 104.3 | 108.3 | 112.8 | 117.8 | 123.3 | 138.0 | 148.7 | 160.0 | 172.6 | 185.8 | | |
| Groundmen - Manoeuvres | | | 9.9 | 104.3 | 108.5 | 113.0 | 118.0 | 123.7 | 136.3 | 147.5 | 159.7 | 169.4 | 183.4 | | |
| Linemen - Monteurs | | | 14.9 | 104.2 | 108.2 | 112.8 | 117.6 | 123.0 | 139.1 | 149.5 | 160.3 | 174.8 | 187.4 | | |
| Construction equipment - Matériel de construction | | | 3.7 | | 98.8 | 99.8 | 100.9 | 101.6 | 103.4 | 108.4 | 111.2 | 115.4 | 121.9 | 128.7 | |
| Equipment, trucks - Matériel, camions | | | | 1.9 | 101.2 | 103.2 | 103.0 | 102.1 | 102.6 | 105.5 | 107.4 | 109.3 | 115.0 | 120.8 | |
| Operating expenses - Frais de fonctionnement | | | | 1.8 | | 96.4 | 96.5 | 98.9 | 101.0 | 104.2 | 111.3 | 115.1 | 121.4 | 128.9 | 136.6 |
| Mechanics - Mécaniciens | | | | | 104.3 | 108.3 | 112.8 | 118.1 | 123.4 | 138.8 | 149.9 | 160.5 | 175.4 | 187.1 | |
| Other Operating Expenses(2) - Autres frais de fonctionnement(2) | | | | | | 91.6 | 89.5 | 90.6 | 90.7 | 92.6 | 94.9 | 94.2 | 97.9 | 101.0 | 106.3 |
| Distribution systems equipment(1) - Matériel des réseaux de distribution(1) | 31.0 | | | | 100.4 | 96.4 | 97.6 | 95.4 | 99.0 | 95.7 | 91.8 | 91.8 | 95.4 | 98.7 | |
| Meters - Compteurs | | | 11.9 | | 100.0 | 99.1 | 98.6 | 98.6 | 98.6 | 100.9 | 101.9 | 101.8 | 103.3 | 103.3 | |
| Transformers - Transformateurs | | | 19.1 | | 100.6 | 94.7 | 96.9 | 93.3 | 99.3 | 92.5 | 85.4 | 85.6 | 90.5 | 95.8 | |

(1) Combined materials and distribution systems equipment index. - Indice combiné des matériaux et du matériel des réseaux de distribution 101.2 100.6 101.9 103.6 109.1 108.9 104.3 106.7 114.6 115.5

(2) The component indexes of Other Operating Expenses are shown in Table 2. - Le Tableau 2 fait voir les indices composants de "Autres frais de fonctionnement".

TABLE II. Price Indexes of Electric Utility Transmission Lines, Major Components and Items, Canada, Annually, 1962-71

TABLEAU II. Indices des prix des lignes de transport des services d'électricité, principaux éléments et articles individuels, Canada, par année, 1962-71

(1961=100)

| Major components and items Total Principaux éléments et articles individuels | Indexes — Indices | | | | | | | | | | | | |
|--|-------------------|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| | Weights — Poids | | | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 ^P |
| | | | | | | | | | | | | | |
| Transmission lines — Lignes de transport | 100.0 | | | 100.9 | 102.3 | 102.7 | 108.5 | 113.0 | 118.7 | 121.9 | 127.5 | 136.5 | 141.9 |
| Materials — Matériaux | 69.6 | | | 99.9 | 100.5 | 99.6 | 105.7 | 109.4 | 112.1 | 112.5 | 117.3 | 124.5 | 126.2 |
| Poles, towers and fixtures — Poteaux, pylônes et accessoires | 35.1 | | | 101.3 | 103.1 | 103.5 | 108.7 | 114.0 | 115.5 | 115.4 | 121.0 | 134.0 | 136.0 |
| Poles, western cedar — Poteaux, cèdre de l'Ouest | 10.9 | | | 100.4 | 103.8 | 101.8 | 115.2 | 130.7 | 138.8 | 136.0 | 134.4 | 146.2 | 145.3 |
| Crossarms — Traverses | 3.1 | | | 111.9 | 116.6 | 128.0 | 128.2 | 129.9 | 133.2 | 138.6 | 157.5 | 199.0 | 190.1 |
| Hardware — Quincaillerie | 5.5 | | | 100.9 | 103.2 | 103.2 | 103.3 | 105.6 | 111.6 | 112.0 | 116.1 | 132.5 | 132.3 |
| Towers — Pylônes | 15.6 | | | 100.0 | 100.0 | 102.3 | 102.3 | 97.3 | 97.7 | 106.2 | 113.1 | 120.0 | |
| Conductors and insulators — Conducteurs et isolateurs | 34.5 | | | 98.5 | 97.9 | 95.5 | 102.6 | 104.7 | 108.5 | 109.5 | 113.6 | 114.8 | 116.3 |
| Conductors, ACSR — Conducteurs d'aluminium à 3ème d'acier | 29.0 | | | 98.1 | 97.3 | 94.4 | 101.9 | 103.4 | 106.8 | 107.0 | 110.1 | 111.2 | 111.7 |
| Insulators — Isolateurs | 5.5 | | | 100.6 | 101.4 | 101.4 | 106.0 | 111.8 | 117.8 | 122.7 | 132.3 | 134.3 | 140.6 |
| Labour — Main-d'oeuvre | 22.6 | | | 104.6 | 108.6 | 112.8 | 118.9 | 126.5 | 142.0 | 154.1 | 166.4 | 178.6 | 194.4 |
| Groundmen — Manoeuvres | 13.6 | | | 104.7 | 108.8 | 113.0 | 119.2 | 127.5 | 141.4 | 154.4 | 167.8 | 178.1 | 195.3 |
| Linemen — Monteurs | 9.0 | | | 104.5 | 108.2 | 112.5 | 118.4 | 125.1 | 143.0 | 153.6 | 164.4 | 179.4 | 193.1 |
| Construction equipment — Matériel de construction | 7.8 | | | 99.0 | 99.3 | 101.3 | 102.8 | 105.5 | 110.3 | 112.8 | 116.0 | 121.2 | 126.5 |
| Equipment — Matériel | 3.9 | | | 103.7 | 104.8 | 106.9 | 108.6 | 110.9 | 114.7 | 117.5 | 118.2 | 122.1 | 124.5 |
| Bulldozers — Bulldozers | 1.3 | | | 104.2 | 106.2 | 111.0 | 112.3 | 112.5 | 116.3 | 120.4 | 125.4 | 128.4 | 129.8 |
| Compressors — Compresseurs | 1.3 | | | 105.6 | 105.0 | 106.8 | 111.2 | 117.6 | 122.3 | 124.8 | 119.9 | 122.9 | 123.0 |
| Trucks — Camions | 1.3 | | | 101.2 | 103.2 | 103.0 | 102.1 | 102.6 | 105.5 | 107.4 | 109.3 | 115.0 | 120.8 |
| Operating expenses — Frais de fonctionnement | 3.9 | | | 94.3 | 93.8 | 95.6 | 97.0 | 100.0 | 105.8 | 108.1 | 113.9 | 120.4 | 128.4 |
| Mechanics — Mécaniciens | 1.0 | | | 104.6 | 108.6 | 112.8 | 118.1 | 124.4 | 141.0 | 151.9 | 163.2 | 179.6 | 194.1 |
| Other Operating Expenses — Autre frais de fonctionnement | 2.9 | | | 90.8 | 88.8 | 89.9 | 89.9 | 91.9 | 94.1 | 93.5 | 97.4 | 100.6 | 106.5 |
| Diesel fuel — Carburant diesel | .2 | | | 101.7 | 103.0 | 101.2 | 98.1 | 97.6 | 98.6 | 102.7 | 105.1 | 109.3 | 120.1 |
| Gasoline — Essence | 1.0 | | | 98.4 | 90.7 | 91.5 | 88.4 | 88.7 | 89.7 | 90.0 | 91.7 | 95.5 | 104.4 |
| Lubricating oils — Huiles lubrifiantes | .1 | | | 100.0 | 99.8 | 99.2 | 99.5 | 103.0 | 107.6 | 112.7 | 117.6 | 117.6 | 127.5 |
| Tires — Pneus | 1.2 | | | 79.1 | 79.7 | 82.0 | 84.7 | 88.8 | 92.1 | 89.0 | 95.4 | 98.4 | 102.0 |
| Tubes — Chambres à air | .1 | | | 100.8 | 100.8 | 100.8 | 102.2 | 99.7 | 100.3 | 100.8 | 100.6 | 102.5 | 105.2 |
| Repair parts — Pièces de rechange | .3 | | | 100.7 | 103.2 | 103.0 | 104.2 | 104.9 | 107.5 | 108.9 | 111.2 | 113.7 | 115.2 |

TABLE III. Price Indexes of Electric Utility Transformer Stations, Major Components and Items, Canada, Annually, 1962-71

TABLEAU III. Indices des prix des postes de transformation des services d'électricité, principaux éléments et articles individuels, Canada, par année, 1962-71
(1961=100)

| Major components and items | Total | Indexes - Indices | | | | | | | | | | | |
|--|-------|---|-------|-------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------|-------------------|
| | | Weights - Poids | | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 ^P |
| | | Principaux éléments et articles individuels | | | | | | | | | | | |
| Transformer stations - Postes de transformation | 100.0 | | | 105.1 | 107.6 | 112.0 | 118.0 ^r | 122.4 ^r | 121.2 | 117.2 ^r | 120.4 ^r | 132.2 | 138.6 |
| Structures and improvements - Constructions et améliorations | 16.2 | | | 102.6 | 108.9 | 112.9 | 122.0 ^r | 130.2 ^r | 126.9 ^r | 124.2 ^r | 131.6 ^r | 137.4 | 139.0 |
| Materials - Matériaux | 12.9 | | | 100.4 | 103.4 | 108.8 | 117.1 | 122.1 | 118.6 | 117.3 | 124.5 | 132.2 | 134.1 |
| Ready-mix concrete - Béton préparé | | 1.6 | 100.3 | 104.2 | 107.3 | 112.0 | 118.3 | 121.7 | 123.2 | 126.9 | 130.9 | 131.7 | |
| Steel structures - Structures d'acier | | 5.8 | 100.1 | 102.4 | 107.1 | 114.7 | 115.7 | 109.8 | 110.2 | 119.2 | 126.2 | 133.5 | |
| Wooden structures - Structures de bois | | 1.0 | 104.3 | 107.6 | 112.2 | 118.1 | 123.6 | 124.0 | 124.7 | 135.6 | 155.3 | 154.6 | |
| Buswork and conductors - Travail de câblage et conducteurs | | 4.5 | 100.0 | 103.5 | 110.8 | 121.8 | 131.6 | 127.9 | 122.7 | 127.6 | 135.3 | 131.2 | |
| In-place prices - Prix des ouvrages mis en place | 3.3 | | | 111.2 | 130.4 | 129.0 | 141.5 ^r | 162.1 ^r | 159.3 ^r | 151.7 ^r | 159.6 ^r | 158.0 | 158.0 |
| Earth excavation - Excavation ... | | 2.0 | 118.8 | 145.0 | 139.1 | 151.1 ^r | 175.4 ^r | 171.3 ^r | 162.9 ^r | 170.3 ^r | 167.9 | 168.6 | |
| Crushed gravels - Gravier concassé | | 1.3 | 98.8 | 106.7 | 112.5 | 125.8 ^r | 140.4 ^r | 139.7 ^r | 133.4 ^r | 142.0 ^r | 141.9 | 140.6 | |
| Labour - Main-d'oeuvre | 18.3 | | | 104.3 | 107.6 | 111.5 | 116.5 | 122.5 | 138.0 | 148.4 | 161.6 | 173.7 | 186.7 |
| Common labourer - Ordinaire | | 6.4 | 105.6 | 109.3 | 114.2 | 119.2 | 126.5 | 140.6 | 152.0 | 166.7 | 176.5 | 190.5 | |
| Electrician - Électriciens | | 11.9 | 103.6 | 106.8 | 110.0 | 115.1 | 120.3 | 136.6 | 146.5 | 158.8 | 172.1 | 184.5 | |
| Station equipment - Matériel de poste | 65.5 | | | 105.9 | 107.3 | 111.9 | 117.4 | 120.4 | 115.1 | 106.7 | 106.1 | 119.4 | 125.2 |
| Power transformers - Transformateurs | | 32.3 | 108.3 | 105.8 | 109.8 | 115.2 | 116.6 | 115.1 | 104.1 | 102.1 | 120.9 | 128.2 | |
| Power circuit breakers (1) - Disjoncteurs (1) | | 14.9 | 104.8 | 109.3 | 114.9 | (113.9)(1) | (109.8)(1) | (99.6)(1) | (92.2)(1) | (88.5)(1) | (98.9)(1) | (100.9)(1) | |
| Metalclad switchgear - Appareil-lage de commutation blindé | | 16.7 | 103.0 | 109.0 | 113.9 | 125.2 | 136.6 | 127.4 | 122.8 | 128.5 | 134.3 | 140.4 | |
| Disconnect switches - Interrupteurs | | 1.6 | 100.1 | 102.4 | 107.1 | 114.6 | 127.6 | 130.8 | 127.3 | 119.9 | 123.0 | 130.5 | |

(1) Indexes presented in brackets resulted from an interpolation between the 1964 and 1969 index levels, to which an adjustment was then made for changes in Federal Sales Tax. The indexes reflect the movement of purchase prices for new orders from Canadian electric utilities. For the period 1956 to 1964 such orders were usually won by domestic producers and only domestic producers were included in the price sample. Price movement for the period 1969 in relation to 1964 was derived from a sample of off-shore and domestic producers. Indexes from 1964 forward may be subject to further revision. - Les indices entre parenthèses sont le résultat d'une interpolation entre les indices de 1964 et 1969, et sont ajustés pour les changements dans la taxe de vente fédérale. Les indices reflètent le mouvement des prix d'achat pour les commandes provenant des services canadiens d'électricité. De 1956 à 1964, ces commandes étaient généralement exécutées par des firmes canadiennes, et seules ces dernières étaient incluses dans l'échantillon. Le mouvement de prix pour 1969 par rapport à 1964 est tiré d'un échantillon de producteurs canadiens et étrangers. Les indices d'après 1964 sont sujets à révision.

TABLE IV. Construction Price Indexes for Hydro-Electric Generating Stations, including Weights, Total,
Major Group and Commodity Indexes - Canada, Annually 1962 to 1971

TABLEAU IV. Indices des prix de la construction de centrales hydro-électriques, avec poids, indice total,
indices des grands groupes et indices des marchandises, Canada, par année, 1962 à 1971

(1961=100)

| Major group and commodity indexes | Total | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 ^P | Index weights(1) | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|------------------|--|
| | | | | | | | | | | | | Poids(1) | |
| Indices des grands groupes et indices des marchandises | | | | | | | | | | | | | |
| INDEX - TOTAL - INDICE | 102.7 | 106.0 | 109.5 | 114.8 | 121.8 | 126.2 | 131.3 | 139.2 | 147.8 | 153.1 | | | |
| Powerhouse - Centrale | 103.7 | 110.9 | 114.0 | 119.5 | 128.0 | 133.4 | 139.8 | 148.2 | 157.9 | 166.9 | 13.1 | | |
| Excavation | 103.7 | 120.9 | 123.1 | 128.9 | 141.7 | 135.4 | 135.6 | 142.6 | 146.5 | 151.0 | 3.144 | | |
| Concrete-in-place - Béton mis en place | 104.2 | 108.5 | 111.5 | 116.6 | 124.2 | 133.8 | 142.6 | 151.4 | 163.1 | 173.8 | 7.860 | | |
| Production | 103.8 | 109.0 | 112.0 | 117.2 | 123.8 | 127.2 | 126.4 | 130.4 | 136.0 | 137.7 | 1.965 | | |
| Reinforcing steel installation - Mise en place de l'acier d'armature | 101.7 | 102.9 | 105.1 | 106.7 | 109.0 | 114.8 | 120.5 | 126.3 | 136.5 | 145.9 | 1.415 | | |
| Labour - Main-d'œuvre | 105.6 | 109.5 | 113.6 | 120.5 | 131.5 | 149.0 | 168.2 | 182.4 | 203.4 | 221.2 | .425 | | |
| Materials - Matières | 100.0 | 100.1 | 101.4 | 100.8 | 99.4 | 100.1 | 100.0 | 102.3 | 107.8 | 113.6 | .990 | | |
| Formwork erection - Érection des coffrages | 104.8 | 109.5 | 112.6 | 118.5 | 127.0 | 139.3 | 153.1 | 165.2 | 178.4 | 194.3 | 2.830 | | |
| Labour - Main-d'œuvre | 105.5 | 110.4 | 114.1 | 121.0 | 132.0 | 147.9 | 164.0 | 175.7 | 194.3 | 211.1 | 2.122 | | |
| Materials - Matières | 102.6 | 106.9 | 108.3 | 110.9 | 111.8 | 113.5 | 120.3 | 133.5 | 130.7 | 143.9 | .708 | | |
| Concrete placement - Mise en place du béton | 106.0 | 111.0 | 114.7 | 121.1 | 132.8 | 148.6 | 162.9 | 174.4 | 191.7 | 205.4 | 1.651 | | |
| Labour - Main-d'œuvre | 106.2 | 111.5 | 115.4 | 122.4 | 135.0 | 152.1 | 168.1 | 180.1 | 199.0 | 213.7 | 1.486 | | |
| Equipment and operation - Matériel et fonctionnement | 103.8 | 106.4 | 108.1 | 109.4 | 112.6 | 116.9 | 116.4 | 123.0 | 126.2 | 131.0 | .655 | | |
| Structural steel-in-place - Acier de charpente mis en place | 101.3 | 104.0 | 108.6 | 116.6 | 120.2 | 122.4 | 124.2 | 131.7 | 140.2 | 149.8 | 1.441 | | |
| Powerhouse finishing - Finition de la centrale | 102.1 | 105.6 | 109.8 | 115.7 | 122.6 | 131.4 | 140.7 | 150.5 | 162.1 | 172.0 | .735 | | |
| Labour - Main-d'œuvre | 105.0 | 109.2 | 112.9 | 119.8 | 129.6 | 144.4 | 160.0 | 174.0 | 193.5 | 208.7 | .706 | | |
| Materials - Matières | 99.1 | 101.8 | 106.6 | 111.5 | 115.4 | 117.8 | 120.7 | 126.1 | 129.4 | 133.9 | | | |
| Dams, reservoirs and waterways - Barrages, réservoirs et passages d'eau | 103.4 | 108.5 | 112.1 | 119.1 | 126.6 | 130.7 | 135.0 | 142.9 | 151.4 | 158.3 | 30.2 | | |
| Clearing - Déblaiement | 104.0 | 107.3 | 110.8 | 116.1 | 125.6 | 139.3 | 152.2 | 161.8 | 177.6 | 190.4 | 2.416 | | |
| Labour - Main-d'œuvre | 105.8 | 110.0 | 114.0 | 120.8 | 132.8 | 149.6 | 166.0 | 177.2 | 196.4 | 211.6 | 1.812 | | |
| Equipment and operation - Matériel et fonctionnement | 98.5 | 99.2 | 101.3 | 102.1 | 103.8 | 108.4 | 111.0 | 115.6 | 121.0 | 126.8 | .604 | | |
| Excavation and embankment - Excavation et remblai | 102.0 | 109.1 | 113.2 | 122.9 | 130.0 | 125.6 | 123.5 | 131.0 | 134.2 | 136.0 | 9.664 | | |
| Excavation | 103.7 | 120.9 | 123.1 | 128.9 | 141.7 | 135.4 | 135.6 | 142.6 | 146.5 | 151.0 | 5.412 | | |
| Embankment - Remblai | 99.9 | 94.1 | 100.5 | 115.2 | 115.2 | 113.1 | 108.2 | 116.2 | 118.5 | 116.8 | 4.252 | | |
| Concrete-in-place - Béton mis en place | 104.5 | 109.3 | 112.5 | 118.0 | 126.2 | 135.2 | 142.4 | 150.6 | 161.4 | 170.3 | 15.704 | | |
| Production | 103.8 | 109.0 | 112.0 | 117.2 | 123.8 | 127.2 | 126.4 | 130.4 | 136.0 | 137.7 | 6.753 | | |
| Reinforcing steel installation - Mise en place de l'acier d'armature | 101.7 | 102.9 | 105.1 | 106.7 | 109.0 | 114.8 | 120.5 | 126.3 | 136.5 | 145.9 | .785 | | |
| Formwork erection - Érection des coffrages | 104.8 | 109.5 | 112.6 | 118.5 | 127.0 | 139.3 | 153.1 | 165.2 | 178.4 | 194.3 | 4.240 | | |
| Concrete placement - Mise en place du béton | 106.0 | 111.0 | 114.7 | 121.1 | 132.8 | 148.6 | 162.9 | 174.4 | 191.7 | 205.4 | 3.926 | | |
| Plate steel placement - Mise en place des tôles d'acier | 100.7 | 102.4 | 106.9 | 113.7 | 116.2 | 113.8 | 115.6 | 121.6 | 129.6 | 137.0 | 2.416 | | |
| Labour - Main-d'œuvre | 105.2 | 109.4 | 112.9 | 117.0 | 124.0 | 139.5 | 152.3 | 162.8 | 179.5 | 195.2 | .604 | | |
| Materials - Matières | 99.2 | 100.0 | 104.9 | 112.6 | 113.6 | 105.3 | 103.4 | 107.9 | 113.0 | 117.6 | 1.812 | | |

TABLE IV. Construction Price Indexes for Hydro-Electric Generating Stations, including Weights, Total,
Major Group and Commodity Indexes - Canada, Annually 1962 to 1971 - Concluded

TABLEAU IV. Indices des prix de la construction de centrales hydro-électriques, avec poids, indice total,
indices des grands groupes et indices des marchandises, Canada, par année, 1962 à 1971 - fin

(1961=100)

| Major group and commodity indexes Total Indices des grands groupes et indices des marchandises | | | | | | | | | | | | Index weights ⁽¹⁾ Poids ⁽¹⁾ | |
|--|-------|-------|-------|-------|-------|-------|-------|--------------------|-------|--------------------|------|--|-------|
| | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 ^P | | | |
| | | | | | | | | | | | | | |
| Mechanical equipment - Matériel mécanique | 103.2 | 105.7 | 109.3 | 113.0 | 116.6 | 118.0 | 119.6 | 123.6 | 128.4 | 133.1 | 10.5 | 10.5 | |
| Equipment - Matériel | 103.0 | 105.3 | 108.9 | 112.1 | 114.9 | 114.2 | 113.6 | 116.4 | 119.3 | 122.1 | | | 8.820 |
| Installation (Labour) - Installation (main-d'œuvre) | 104.2 | 107.5 | 111.7 | 117.5 | 125.6 | 138.1 | 150.8 | 161.4 | 176.3 | 190.7 | | | 1.680 |
| Electrical equipment - Matériel électrique | 102.2 | 103.3 | 107.8 | 111.2 | 114.3 | 111.9 | 108.1 | 110.8 | 118.7 | 123.6 | 11.2 | 11.2 | |
| Equipment - Matériel | 101.8 | 102.5 | 106.9 | 109.8 | 112.0 | 107.1 | 100.6 | 102.1 | 108.5 | 111.9 | | | 9.856 |
| Installation (Labour) - Installation (main-d'œuvre) | 105.2 | 109.6 | 114.2 | 121.6 | 131.1 | 147.0 | 162.9 | 174.9 | 193.6 | 209.0 | | | 1.344 |
| Temporary construction camps - Baraquements provisoires | 101.0 | 103.7 | 106.6 | 111.2 | 117.7 | 123.2 | 127.2 | 134.1 | 139.3 | 145.5 | 10.0 | 5.5 | |
| Camps - Baraquements | 100.0 | 101.9 | 106.2 | 111.3 | 117.9 | 125.0 | 127.6 | 134.0 | 138.4 | 145.8 | | | 5.225 |
| Buildings - Bâtiments | 100.0 | 102.2 | 106.9 | 112.3 | 119.2 | 126.6 | 129.2 | 136.0 | 140.5 | 148.5 ^P | | | .275 |
| Equipment - Matériel | 99.4 | 96.6 | 92.5 | 92.0 | 92.8 | 95.4 | 96.2 | 96.6 | 97.9 | 95.2 | | | |
| Operation - Fonctionnement | 102.2 | 105.8 | 107.2 | 111.1 | 117.4 | 121.1 | 126.6 | 134.3 | 140.5 | 145.1 | 4.5 | | |
| Labour - Main-d'œuvre | 102.7 | 106.8 | 111.3 | 116.9 | 123.6 | 133.0 | 142.1 | 153.1 | 166.1 | 177.1 | | | 1.773 |
| Materials - Matières | 101.9 | 105.1 | 104.6 | 107.4 | 113.3 | 113.3 | 116.5 | 122.0 | 123.9 | 124.7 | | | 2.727 |
| Food - Aliments | 101.6 | 105.7 | 104.8 | 108.0 | 115.3 | 114.1 | 117.3 | 123.7 | 125.8 | 126.7 | | | 2.182 |
| Other materials - Autres matières | 103.0 | 102.9 | 103.6 | 105.1 | 105.5 | 110.0 | 113.4 | 115.1 | 116.4 | 116.5 | | | .545 |
| Interest during construction - Intérêts pendant la construction | 100.2 | 98.7 | 100.7 | 101.8 | 114.6 | 122.0 | 138.4 | 153.0 | 162.2 | 146.3 | 8.0 | 8.0 | 8.000 |
| Engineering and administration - Ingénierie et administration | 102.9 | 104.6 | 108.4 | 115.1 | 122.4 | 131.0 | 139.8 | 150.8 | 163.0 | 172.9 | 17.0 | 17.0 | |
| Engineers - Ingénieurs | 102.7 | 104.0 | 107.9 | 114.3 | 123.0 | 131.9 | 140.8 | 151.3 | 161.7 | 170.2 | | | 5.780 |
| Technical - Services techniques | 103.0 | 104.6 | 108.2 | 115.8 | 122.8 | 131.6 | 141.4 | 152.2 | 166.0 | 178.2 | | | 7.480 |
| Technicians - Techniciens | 102.7 | 104.0 | 107.8 | 116.6 | 123.9 | 133.5 | 146.6 | 159.6 | 174.8 | 194.0 | | | 3.740 |
| Draughtsmen - Dessinateurs | 103.2 | 105.1 | 108.7 | 114.9 | 121.7 | 129.7 | 136.3 | 144.8 ^P | 157.2 | 162.5 | | | 3.740 |
| Clerical - Personnel de bureau | 103.2 | 105.4 | 109.6 | 114.9 | 120.7 | 128.2 | 135.0 | 147.0 | 159.1 | 166.5 | | | |

(1) Sufficient index weights are given to three decimal places to reduce errors in index recalculations. - Il est donné suffisamment d'indices à trois décimales pour réduire les erreurs dans les nouveaux calculs de l'indice.

P Preliminary figures. - Chiffres provisoires.

TABLE V. Wage Rate Indexes for Distribution Systems Construction, Canada and Nine Provinces, 1962-71

TABLEAU V. Indices des taux de salaire pour la construction des réseaux de distribution, Canada et neuf provinces, 1962-71
(1961=100)

| | Weights Poids | Indexes - Indices | | | | | | | | | |
|---|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| | | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 ^p |
| <u>Linemen - Monteurs</u> | | | | | | | | | | | |
| Newfoundland - Terre-Neuve | 2.0 | 104.3 | 105.5 | 107.4 | 110.7 | 115.5 | 118.9 | 130.3 | 139.9 | 149.9 | 160.9 |
| Nova Scotia - Nouvelle-Écosse | 2.3 | 104.3 | 105.5 | 107.4 | 113.6 | 119.3 | 126.4 | 142.6 | 152.6 | 169.2 | 186.8 |
| New Brunswick - Nouveau-Brunswick | 1.8 | 104.3 | 105.5 | 107.4 | 112.2 | 117.4 | 129.4 | 140.2 | 150.1 | 154.2 | 173.5 |
| Québec | 28.0 | 109.7 | 113.6 | 118.7 | 123.5 | 128.7 | 160.6 | 168.7 | 177.3 | 195.9 | 204.0 |
| Ontario | 27.5 | 103.4 | 106.7 | 110.4 | 114.9 | 119.8 | 130.1 | 140.7 | 154.4 | 170.0 | 188.1 |
| Manitoba | 12.9 | 100.0 | 105.1 | 110.9 | 113.9 | 117.3 | 126.8 | 138.5 | 146.5 | 155.3 | 165.9 |
| Saskatchewan | 9.0 | 100.0 | 105.1 | 110.9 | 116.8 | 122.7 | 133.3 | 141.2 | 151.0 | 160.0 | 169.5 |
| Alberta | 5.0 | 102.4 | 104.1 | 108.2 | 112.6 | 122.6 | 130.4 | 143.4 | 156.8 | 170.6 | 190.0 |
| British Columbia - Colombie-Britannique | 11.5 | 101.8 | 107.4 | 112.3 | 119.2 | 126.5 | 138.4 | 151.7 | 163.6 | 178.5 | 189.1 |
| Canada | 100.0 | 104.2 | 108.2 | 112.8 | 117.6 | 123.0 | 139.1 | 149.5 | 160.3 | 174.8 | 187.4 |
| <u>Groundmen - Manoeuvres</u> | | | | | | | | | | | |
| Newfoundland - Terre-Neuve | 2.0 | 106.1 | 110.9 | 115.6 | 117.0 | 121.4 | 125.8 | 139.0 | 149.2 | 159.5 | 180.0 |
| Nova Scotia - Nouvelle-Écosse | 2.3 | 106.1 | 110.9 | 115.6 | 120.9 | 125.6 | 133.6 | 149.6 | 163.0 | 163.7 | 180.4 |
| New Brunswick - Nouveau-Brunswick | 1.8 | 106.1 | 110.9 | 115.6 | 120.0 | 126.7 | 135.6 | 146.9 | 155.2 | 159.4 | 182.2 |
| Québec | 28.0 | 109.7 | 113.6 | 118.7 | 124.0 | 129.8 | 146.9 | 154.5 | 162.2 | 163.3 | 173.3 |
| Ontario | 27.5 | 102.9 | 106.2 | 109.4 | 114.4 | 119.8 | 130.8 | 143.2 | 157.5 | 173.7 | 192.1 |
| Manitoba | 12.9 | 100.0 | 105.1 | 110.9 | 116.5 | 120.7 | 136.1 | 151.4 | 166.2 | 176.6 | 188.3 |
| Saskatchewan | 9.0 | 100.0 | 105.1 | 110.9 | 113.9 | 118.7 | 124.7 | 131.9 | 140.9 | 149.3 | 158.3 |
| Alberta | 5.0 | 103.2 | 107.4 | 109.0 | 113.5 | 123.0 | 130.5 | 144.4 | 164.4 | 177.3 | 204.6 |
| British Columbia - Colombie-Britannique | 11.5 | 102.3 | 107.3 | 111.9 | 118.4 | 125.7 | 137.8 | 150.8 | 165.9 | 182.3 | 193.1 |
| Canada | 100.0 | 104.3 | 108.5 | 113.0 | 118.0 | 123.7 | 136.3 | 147.5 | 159.7 | 169.4 | 183.4 |

TABLE VI. Wage Rate Indexes for Transmission Lines Construction, Canada and Nine Provinces, 1962-71

TABLEAU VI. Indices des taux de salaire pour la construction de lignes de transport, Canada et neuf provinces, 1962-71
(1961=100)

| | Weights Poids | Indexes - Indices | | | | | | | | | |
|---|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971P |
| Linemen - Monteurs | | | | | | | | | | | |
| Newfoundland - Terre-Neuve | .4 | 104.3 | 105.5 | 107.4 | 110.7 | 115.5 | 118.9 | 128.2 | 139.8 | 157.2 | 179.0 |
| Nova Scotia - Nouvelle-Écosse | 2.9 | 104.3 | 105.5 | 107.4 | 113.6 | 119.3 | 126.4 | 142.6 | 152.6 | 169.2 | 187.3 |
| New Brunswick - Nouveau-Brunswick | 6.0 | 104.3 | 105.5 | 107.4 | 112.2 | 117.4 | 129.4 | 140.2 | 150.1 | 154.2 | 173.5 |
| Québec | 28.0 | 109.7 | 113.6 | 118.7 | 126.8 | 133.9 | 171.0 | 179.6 | 188.7 | 208.5 | 217.1 |
| Ontario | 27.8 | 103.4 | 106.7 | 110.4 | 114.5 | 120.2 | 130.0 | 141.2 | 153.9 | 170.6 | 187.0 |
| Manitoba | 2.9 | 100.0 | 105.1 | 110.9 | 113.9 | 117.3 | 126.8 | 137.8 | 146.1 | 154.8 | 165.0 |
| Saskatchewan | 9.6 | 100.0 | 105.1 | 110.9 | 116.8 | 122.7 | 133.3 | 141.2 | 151.0 | 160.0 | 169.5 |
| Alberta | 9.7 | 102.4 | 104.1 | 108.2 | 112.6 | 122.6 | 130.4 | 143.4 | 156.8 | 170.6 | 189.8 |
| British Columbia - Colombie-Britannique | 12.7 | 101.8 | 107.4 | 112.3 | 119.4 | 126.9 | 141.1 | 153.6 | 164.0 | 176.2 | 191.6 |
| Canada | 100.0 | 104.5 | 108.2 | 112.5 | 118.4 | 125.1 | 143.0 | 153.6 | 164.4 | 179.4 | 193.1 |
| Groundmen - Manoeuvres | | | | | | | | | | | |
| Newfoundland - Terre-Neuve | .4 | 106.1 | 110.9 | 115.6 | 117.0 | 121.4 | 125.8 | 137.4 | 151.4 | 168.9 | 191.9 |
| Nova Scotia - Nouvelle-Écosse | 2.9 | 106.1 | 110.9 | 115.6 | 120.9 | 125.6 | 133.6 | 149.6 | 163.0 | 163.7 | 180.4 |
| New Brunswick - Nouveau-Brunswick | 6.0 | 106.1 | 110.9 | 115.6 | 120.0 | 126.7 | 135.6 | 146.9 | 155.2 | 159.4 | 182.2 |
| Québec | 28.0 | 109.7 | 113.6 | 118.7 | 127.5 | 136.4 | 157.8 | 166.0 | 174.2 | 175.5 | 186.2 |
| Ontario | 27.8 | 102.9 | 106.2 | 109.4 | 115.6 | 122.9 | 132.2 | 143.1 | 157.6 | 175.9 | 193.0 |
| Manitoba | 2.9 | 100.0 | 105.1 | 110.9 | 116.5 | 120.7 | 136.1 | 151.6 | 165.6 | 176.1 | 187.4 |
| Saskatchewan | 9.6 | 100.0 | 105.1 | 110.9 | 113.9 | 118.7 | 124.7 | 131.9 | 140.9 | 149.3 | 158.3 |
| Alberta | 9.7 | 103.2 | 107.4 | 109.0 | 113.5 | 123.0 | 130.5 | 144.4 | 164.4 | 177.3 | 211.8 |
| British Columbia - Colombie-Britannique | 12.7 | 102.3 | 107.3 | 111.9 | 117.4 | 130.7 | 152.8 | 184.4 | 206.9 | 223.9 | 247.2 |
| Canada | 100.0 | 104.7 | 108.8 | 113.0 | 119.2 | 127.5 | 141.4 | 154.4 | 166.8 | 178.1 | 195.3 |

TABLE VII. Wage Rate Indexes for Transformer Stations Construction, Canada and Nine Provinces, 1962-71

TABLEAU VII. Indices des taux de salaire pour la construction de postes de transformation, Canada et neuf provinces, 1962-71

(1961=100)

| | Weights Poids | Indexes - Indices | | | | | | | | | |
|--|------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| | | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 ^P |
| <u>Common labourer - Manoeuvres ordinaires</u> | | | | | | | | | | | |
| Nova Scotia - Nouvelle-Écosse | 2.7 | 106.1 | 110.9 | 115.6 | 126.7 | 135.1 | 146.2 | 161.9 | 174.8 | 192.4 | 209.1 |
| New Brunswick - Nouveau-Brunswick | 2.1 | 103.6 | 103.6 | 106.3 | 111.1 | 117.3 | 125.5 | 134.4 | 144.0 | 149.9 | 168.7 |
| Québec | 31.7 | 109.7 | 113.6 | 118.7 | 125.5 | 132.3 | 148.3 | 155.7 | 166.9 | 171.8 | 182.3 |
| Ontario | 37.6 | 105.0 | 108.6 | 114.6 | 119.5 | 125.5 | 138.2 | 152.2 | 169.5 | 183.8 | 200.7 |
| Manitoba | 6.1 | 100.0 | 100.0 | 100.0 | 104.4 | 108.1 | 116.9 | 128.8 | 140.9 | 149.6 | 159.4 |
| Saskatchewan | 4.8 | 100.0 | 105.1 | 110.9 | 114.1 | 117.8 | 124.1 | 131.7 | 141.1 | 149.3 | 158.2 |
| Alberta | 4.2 | 103.2 | 107.4 | 109.0 | 113.1 | 123.4 | 129.0 | 137.3 | 158.7 | 175.2 | 188.4 |
| British Columbia - Colombie-Britannique | 10.8 | 102.3 | 107.3 | 111.9 | 111.9 | 128.2 | 153.0 | 169.6 | 188.0 | 194.3 | 211.8 |
| Canada | 100.0 | 105.6 | 109.3 | 114.2 | 119.2 | 126.5 | 140.6 | 152.0 | 166.7 | 176.5 | 190.5 |
| <u>Electrician - Électriciens</u> | | | | | | | | | | | |
| Nova Scotia - Nouvelle-Écosse | 2.7 | 102.2 | 104.3 | 108.7 | 114.4 | 119.1 | 126.7 | 142.2 | 152.2 | 169.7 | 183.8 |
| New Brunswick - Nouveau-Brunswick | 2.1 | 100.0 | 106.5 | 110.0 | 122.0 | 129.8 | 143.4 | 153.3 | 163.7 | 177.6 | 195.4 |
| Québec | 31.7 | 106.0 | 108.8 | 112.0 | 117.4 | 122.1 | 151.4 | 159.0 | 167.8 | 184.6 | 191.7 |
| Ontario | 37.6 | 102.5 | 105.3 | 108.1 | 112.2 | 116.7 | 127.0 | 137.8 | 151.2 | 164.3 | 181.2 |
| Manitoba | 6.1 | 101.4 | 103.5 | 106.1 | 111.0 | 115.9 | 128.0 | 140.9 | 151.5 | 160.5 | 171.2 |
| Saskatchewan | 4.8 | 106.8 | 111.1 | 114.5 | 117.7 | 122.2 | 133.6 | 141.7 | 151.4 | 160.4 | 170.1 |
| Alberta | 4.2 | 102.4 | 104.1 | 108.2 | 112.9 | 122.9 | 130.8 | 140.0 | 154.0 | 166.8 | 176.7 |
| British Columbia - Colombie-Britannique | 10.8 | 101.8 | 107.4 | 112.3 | 119.6 | 126.9 | 136.6 | 147.5 | 168.7 | 176.0 | 190.6 |
| Canada | 100.0 | 103.6 | 106.8 | 110.0 | 115.1 | 120.3 | 136.6 | 146.5 | 158.8 | 172.1 | 184.6 |

TABLE IX. Federal Sales Tax Rates for Materials and Equipment Utilized in the Calculation of the
Hydro-Electric Generating Stations Construction Price Index

TABLEAU IX. Taux de la taxe de vente fédérale sur les matières et le matériel retenus dans le calcul de l'indice
des prix de la construction des centrales hydro-électriques

| Index component Élement de l'indice | Federal sales tax rates Taux de la taxe de vente fédérale | | | | | | | |
|---|--|--|------------------------------|-------------------------------|-------------------------------|------------------------------|--|----|
| | Jan. 1, 1961 - Janv. to/au | June 15, 1963 - Juin to/au | Apr. 1, 1964 - Avr. to/au | Jan. 1, 1965 - Janv. to/au | Jan. 1, 1967 - Janv. to/au | Apr. 1, 1967 - Avr. to/au | June 2, 1967 - Juin to publication date | |
| | June 14, 1963 - Juin Mar. 31, 1964 - Mars | Dec. 31, 1964 - Déc. Dec. 31, 1966 - Déc. | Mar. 31, 1967 - Mars | June 1, 1967 - Juin | à ce jour | | | |
| Powerhouse - Centrales: | | | | | | | | |
| Excavation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Concrete, ready-mix(1) - Béton préparé(1) | 0 | 4 | 8 | 11 | 11 | 11 | 11 | 11 |
| Reinforcing steel - Acier d'armature | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Formwork, prefabricated - Coffrages pré-fabriqués | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Equipment and fuels for concrete placement - Matériel et carburants pour la mise en place du béton | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Structural steel - Acier de charpente | 0 | 4 | 8 | 11 | 11 | 11 | 11 | 11 |
| Powerhouse finishing(2) - Finition de la centrale(2) | | | | | | | | |
| Dams, reservoirs and waterways - Barrages, réservoirs et passages d'eau: | | | | | | | | |
| Equipment, fuels and repairs for clearing - Matériel, carburants et réparations pour le déblaiement | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Excavation and embankment - Excavation et remblai | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Plate steel(3) - Tôles d'acier(3) | 0 | 4 | 8 | 11 | 11 | 11 | 11 | 11 |
| Concrete, ready-mix(1) - Béton préparé(1) | 0 | 4 | 8 | 11 | 11 | 11 | 11 | 11 |
| Reinforcing steel - Acier d'armature | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Formwork, prefabricated - Coffrages pré-fabriqués | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Equipment and fuels for concrete placement - Matériel et carburants pour la mise en place du béton | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Mechanical equipment - Matériel mécanique | 0 | 4 | 8 | 11 | 11 | 11 | 6 | 0 |
| Electrical equipment - Matériel électrique | 0 | 4 | 8 | 11 | 11 | 11 | 6 | 0 |
| Temporary construction camps - Baraquements temporaires: | | | | | | | | |
| Buildings(4) - Bâtiments(4) | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |
| Equipment - Matériel | | | | | | | | |
| Operation - Fonctionnement: | | | | | | | | |
| Food - Aliments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other materials - Autres matières: | | | | | | | | |
| Utensils, dishes, flatware, etc. - Ustensiles, plats, vaisselle, etc. | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 |

(1) The tax rate shown is applied only to the value of cement and chemical additives in the ready-mix concrete. - Le taux de taxe indiqué ne s'applique qu'à la valeur du ciment et des additifs chimiques dans le béton préparé.

(2) The Non-Residential Building Materials Index which is used as a proxy for the material component is already adjusted for Federal Sales Tax utilizing rates appropriate to this index. - L'indice des matériaux de construction non résidentielle utilisé comme indice de substitution pour le matériau est déjà corrigé de la taxe de vente fédérale à l'aide des taux appropriés.

(3) Plate steel in-place represents price movement for penstocks and liners and the tax rates shown are appropriate for those elements of cost. - Les tôles d'acier mises en place représentent le mouvement des prix dans le cas des conduites forcées et des revêtements; les taux de taxe indiqués sont appropriés pour ces éléments de coût.

(4) The Residential Implicit Price Index which is used as a proxy for camp buildings is already adjusted for Federal Sales Tax. The rates utilized are appropriate for this index. - L'indice implicite des prix de la construction résidentielle utilisé comme indice de substitution dans le cas des baraquements est déjà corrigé de la taxe de vente fédérale. Les taux utilisés sont appropriés pour cet indice.

TABLE VIII. Federal Sales Tax Rates for Materials and Equipment Utilized in the Calculation of the Distribution Systems, Transmission Lines and Transformer Stations Indexes

TABLEAU VIII. Taux de taxe de vente fédérale sur les matériaux et l'équipement utilisés dans le calcul des indices de réseaux de distribution, lignes de transport et postes de transformation

| | Jan. 1, 1956 - Janv. to/au | Apr. 10, 1959 - Avr. to/au | Jan. 1, 1967 - Janv. to present | Jan. 1, 1956 - Janv. to/au | June 14, 1963 - Juin à ce jour | Apr. 1, 1964 - Avr. to/au | Jan. 1, 1965 - Janv. to/au | Jan. 1, 1967 - Janv. to/au | Apr. 1, 1967 - Avr. to/au | June 2, 1967 - Juin to present |
|---|---|----------------------------------|---------------------------------------|----------------------------------|--------------------------------------|---------------------------------|----------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| | Apr. 9, 1959 - Avr. Dec. 31, 1966 - Déc. | Dec. 31, 1966 - Déc. | June 13, 1963 - Juin à ce jour | Mar. 31, 1964 - Mars Mar. | Dec. 31, 1964 - Déc. Mars | Mar. 31, 1967 - Mars Mar. | Mar. 31, 1967 - Mars Mar. | June 1, 1967 - Juin à ce jour | June 1, 1967 - Juin à ce jour | June 1, 1967 - Juin à ce jour |
| Distribution Systems and Transmission Lines - Réseaux de distribution et lignes de transport | | | | | | | | | | |
| Towers - Pylônes | 10 | 11 | 12 | | | | | | | |
| Poles - Poteaux | 0 | 0 | 0 | | | | | | | |
| Crossarms - Traverses | 10 | 11 | 12 | | | | | | | |
| Hardware - Quincaillerie | 10 | 11 | 12 | | | | | | | |
| Conductors - Conducteurs: | | | | | | | | | | |
| Aluminum - Aluminium | 10 | 11 | 12 | | | | | | | |
| Copper - Cuivre | 10 | 11 | 12 | | | | | | | |
| Insulators - Isolateurs | 10 | 11 | 12 | | | | | | | |
| Meters - Compteurs | 10 | 11 | 12 | | | | | | | |
| Transformers - Transformateurs | 10 | 11 | | | | | | 11 | 6 | 0 |
| Luminaires | 10 | 11 | 12 | | | | | | | |
| Construction equipment - Matériel de construction | 10 | 11 | 12 | | | | | | | |
| Operating expenses - Frais de fonctionnement | 10 | 11 | 12 | | | | | | | |
| Transformer stations - Postes de transformation | | | | | | | | | | |
| Earth excavation - Excavation | 0 | 0 | 0 | | | | | | | |
| Gravels - Gravier broyé | 0 | 0 | 0 | | | | | | | |
| Ready-mix concrete(1) - Béton préparé(1) | | | | | 0 | 4 | 8 | 11 | 11 | 11 |
| Steel structures - Structures d'acier: | | | | | | | | | | |
| Steel - Acier | | | | | 0 | 4 | 8 | 11 | 11 | 11 |
| Insulators - Isolateurs | | | | | 0 | 4 | 8 | 11 | 6 | 0 |
| Wooden structures - Structures de bois: | | | | | | | | | | |
| Crossarms - Traverses | 10 | 11 | 12 | | 0 | 4 | 8 | 11 | 6 | 0 |
| Insulators - Isolateurs | | | | | | | | | | |
| Hardware - Quincaillerie | 10 | 11 | 12 | | | | | | | |
| Poles - Poteaux | 0 | 0 | 0 | | | | | | | |
| Buswork and conductors - Travail de câblage et conducteurs | | | | | 0 | 4 | 8 | 11 | 6 | 0 |
| Power transformers - Transformateurs | | | | | 0 | 4 | 8 | 11 | 6 | 0 |
| Circuit breakers - Disjoncteurs | | | | | 0 | 4 | 8 | 11 | 6 | 0 |
| Disconnect switches - Interrupteurs | | | | | 0 | 4 | 8 | 11 | 6 | 0 |
| Metalclad switchgear - Appareillage de commutation blindé | | | | | 0 | 4 | 8 | 11 | 6 | 0 |

(1) The tax rate shown is applied to the value of cement and chemical additives in the ready-mix concrete. - Le taux de taxe indiqué ne s'applique qu'à la valeur du ciment et des additifs chimiques.

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