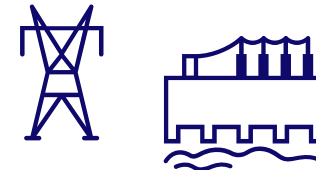


Our major facilities



Hydro-Québec operates the most extensive transmission system in North America. It includes 34,678 km of power lines at varying voltages.



| Generating stations rated 245 MW or more | |
|--|--------------------------------------|
| ● Hydro | ▲ Thermal |
| Other facilities | |
| ■ 735-kV substation | — 735-kV line |
| ▶ Interconnexion | - - - 735-kV line under construction |
| — Neighboring system (simplified) | - - - 450-kV direct-current line |

OUR GENERATING, TRANSMISSION AND DISTRIBUTION FACILITIES

Generation

| Installed capacity | | | | | | 37,439 MW | |
|--|-------|---------------------|-------|----------------------|-----|---|-----|
| 62 hydroelectric generating stations | | | | | | 36,882 MW | |
| Robert-Bourassa | 5,616 | Sainte-Marguerite-3 | 882 | Péribonka | 385 | Shawinigan-3 | 194 |
| La Grande-4 | 2,779 | Laforge-1 | 878 | Laforge-2 | 319 | Manic-1 | 184 |
| La Grande-3 | 2,417 | Bersimis-2 | 845 | Trenche | 302 | Rapides-des-Îles | 176 |
| La Grande-2-A | 2,106 | Outardes-4 | 785 | La Tuque | 294 | Chelsea | 152 |
| Beauharnois | 1,864 | Bernard-Landry | 768 | Romaine-1 | 270 | Sarcelle | 150 |
| Manic-5 | 1,596 | Carillon | 753 | Beaumont | 270 | La Gabelle | 131 |
| La Grande-1 | 1,436 | Romaine-2 | 640 | Romaine-4 | 245 | Première-Chute | 131 |
| René-Lévesque | 1,326 | Toulnustouc | 526 | McCormick | 235 | Les Cèdres | 113 |
| Jean-Lesage | 1,229 | Outardes-2 | 523 | Rocher-de-Grand-Mère | 230 | Rapides-des-Quinze | 109 |
| Bersimis-1 | 1,178 | Eastmain-1 | 480 | Paugan | 216 | Rapides-Farmer | 104 |
| Manic-5-PA | 1,064 | Brisay | 469 | Rapide-Blanc | 211 | Other (16 generating stations rated less than 100 MW) | 680 |
| Outardes-3 | 1,026 | Romaine-3 | 395 | Shawinigan-2 | 200 | | |
| 24 thermal generating stations | | | | | | 547 MW | |
| Bécancour (gas turbine) | | | 411 | | | | |
| Other (23 diesel plants on off-grid systems) | | | 136 | | | | |
| 2 photovoltaic generating stations | | | | | | 10 MW | |
| Gabrielle-Bodis | | | 8 | | | | |
| Robert-A.-Boyd | | | 2 | | | | |
| Other sources of supply | | | | | | 11,041 MW | |
| Churchill Falls generating station [Churchill Falls (Labrador) Corporation Limited] ^a | | | 5,428 | | | a) Hydro-Québec has access to almost all the output until 2041. | |
| 44 wind farms operated by independent power producers ^b | | | 3,932 | | | b) Hydro-Québec purchases all the output. | |
| 56 hydroelectric generating stations operated by independent power producers ^b | | | 708 | | | c) Hydro-Québec purchases almost all the output. | |
| 13 biomass and 5 biogas cogeneration plants operated by independent power producers ^c | | | 419 | | | | |
| Other | | | 554 | | | | |

Transmission

| Voltage | Lines (km) | Substations (number) |
|---|---------------------|----------------------|
| 765 and 735 kV | 12,319 ^a | 41 |
| 450 kV DC | 1,218 | 2 |
| 315 kV | 5,508 | 85 |
| 230 kV | 3,252 ^b | 54 |
| 161 kV | 2,128 | 43 |
| 120 kV | 6,995 | 223 |
| 69 kV or less | 3,258 | 91 |
| Total | 34,678 | 539 |
| a) Including 469 km of 735-kV lines operated at 315 kV. | | |
| b) Including 33 km of 230-kV lines operated at 120 kV. | | |

Distribution

| Medium voltage | Lines (km) |
|--------------------|----------------|
| 34 kV | 825 |
| 25 kV | 114,528 |
| 12 kV | 4,476 |
| 4 kV or less | 197 |
| Total | 120,026 |
| Low voltage | 107,770 |
| Total | 227,796 |