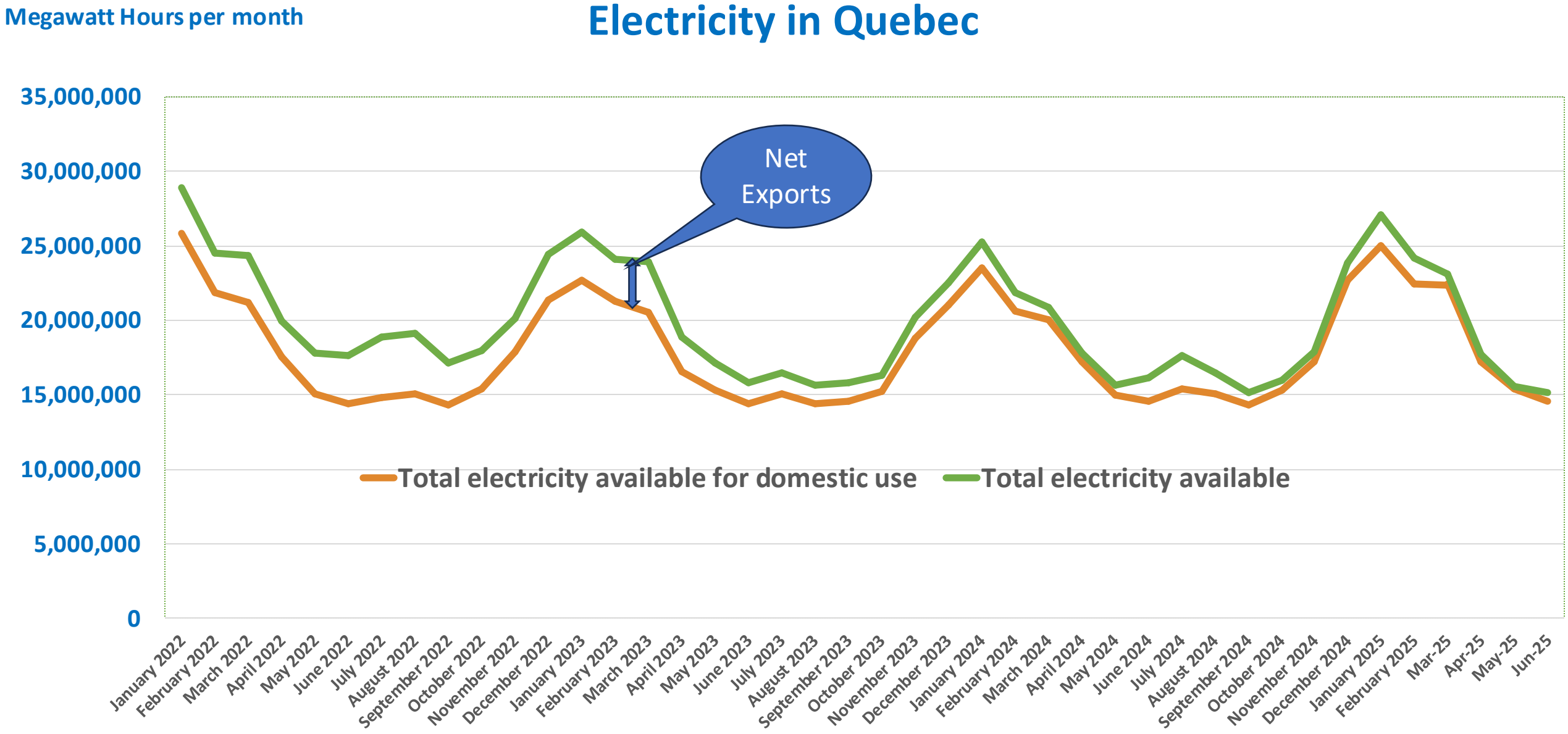


Hydro Quebec's Exports: Volumes and Prices

(V-3B in the CRPP Series)

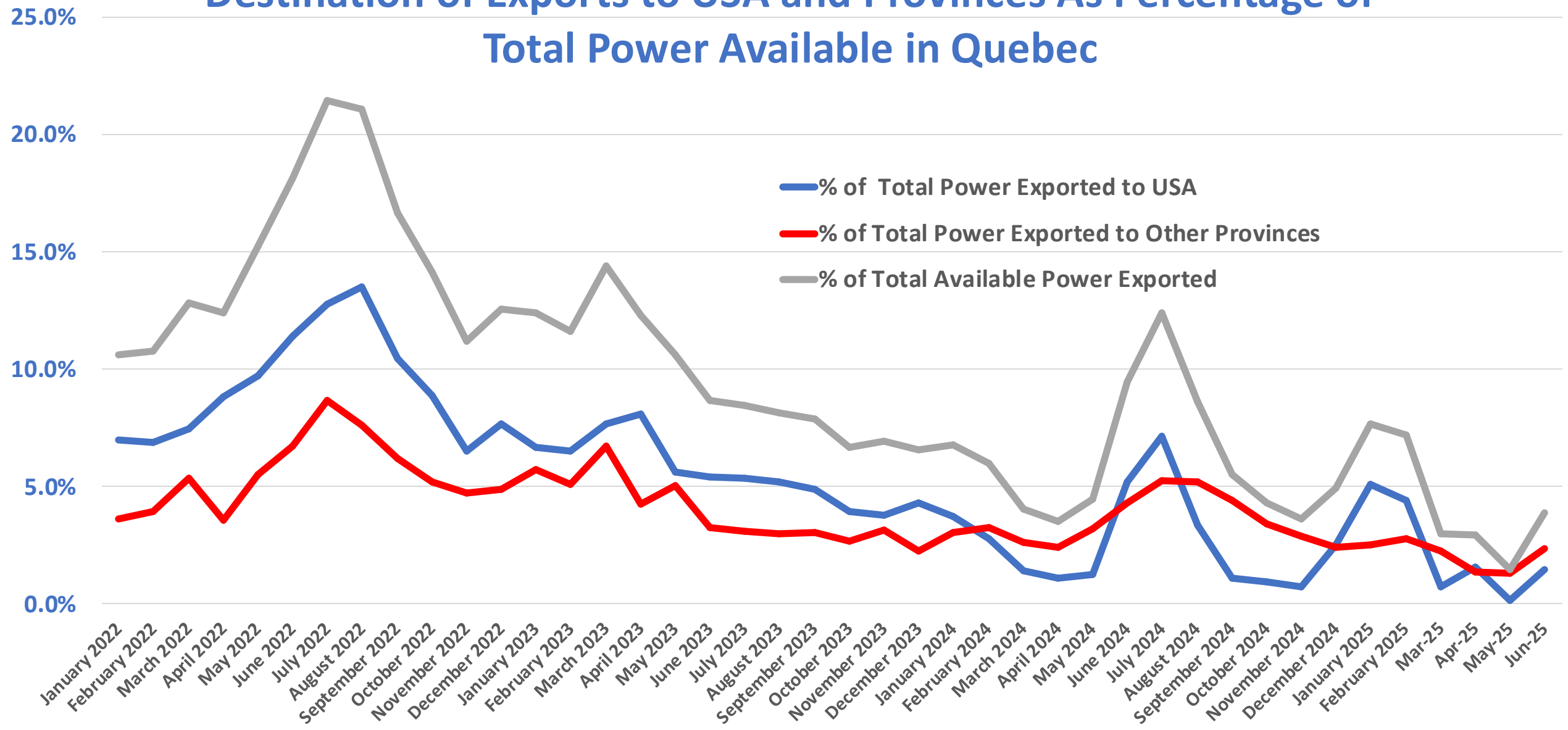
Doug May

Domestic Production and the Availability of Electricity in Quebec



Source: Statistics Canada, Table 25-10-0016-01

Destination of Exports to USA and Provinces As Percentage of Total Power Available in Quebec



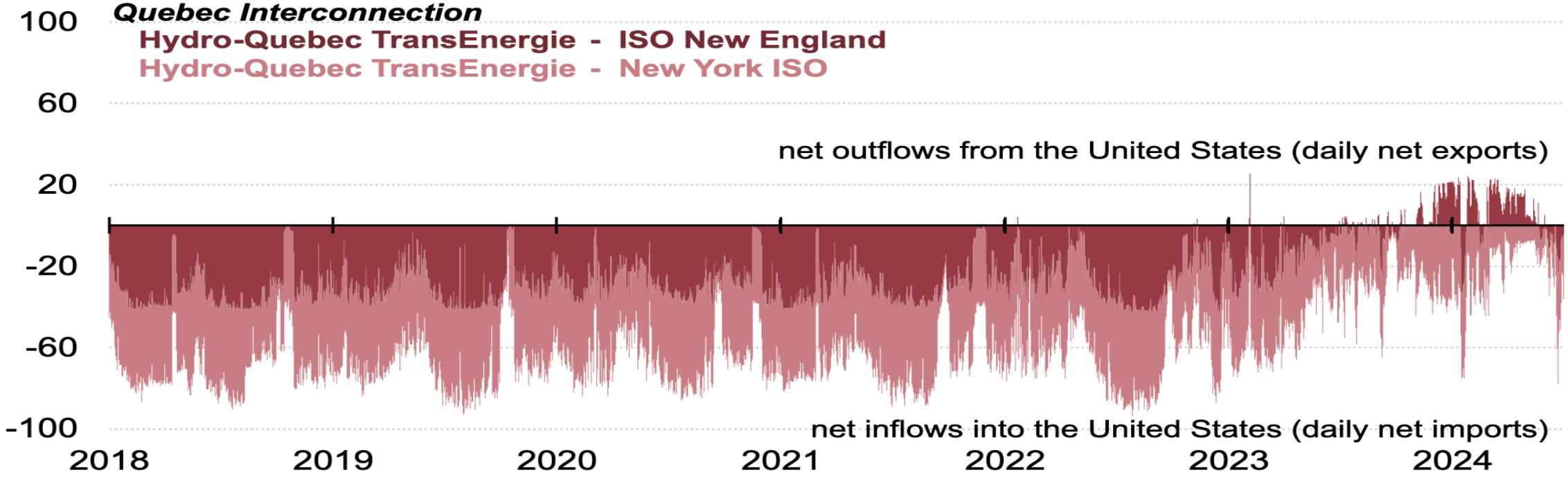
Source: Statistics Canada, Table 25-10-0016-01

Quebec Interconnection

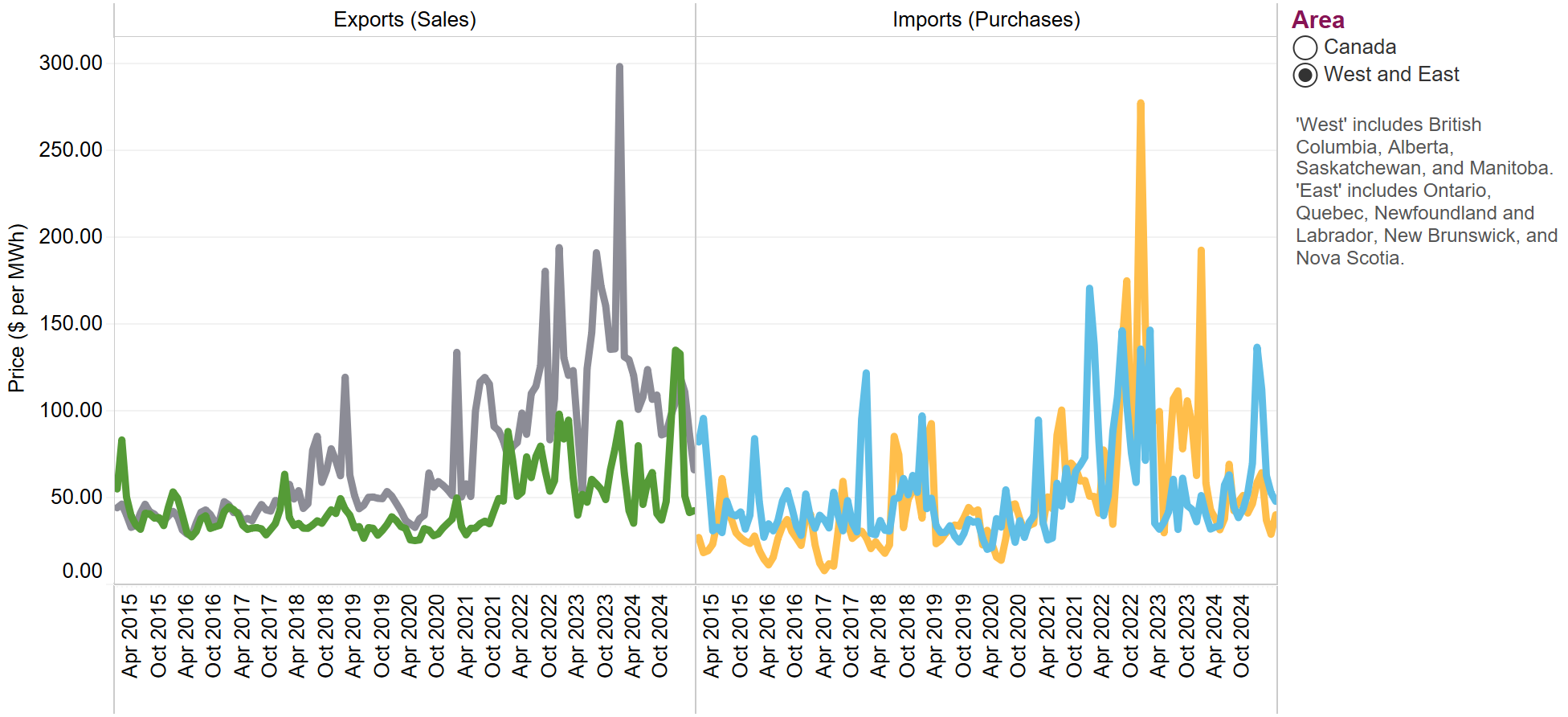
Hydro-Quebec's cross-border daily average electricity deliveries into NYISO declined by 72% to 7 GWh in 2023. Hydro-Quebec's cross-border electricity deliveries into ISO-NE decreased by 22% in 2023 to 29 GWh.

Daily net electricity interchange between the United States and Hydro-Quebec (Jan 2018–Jun 2024)

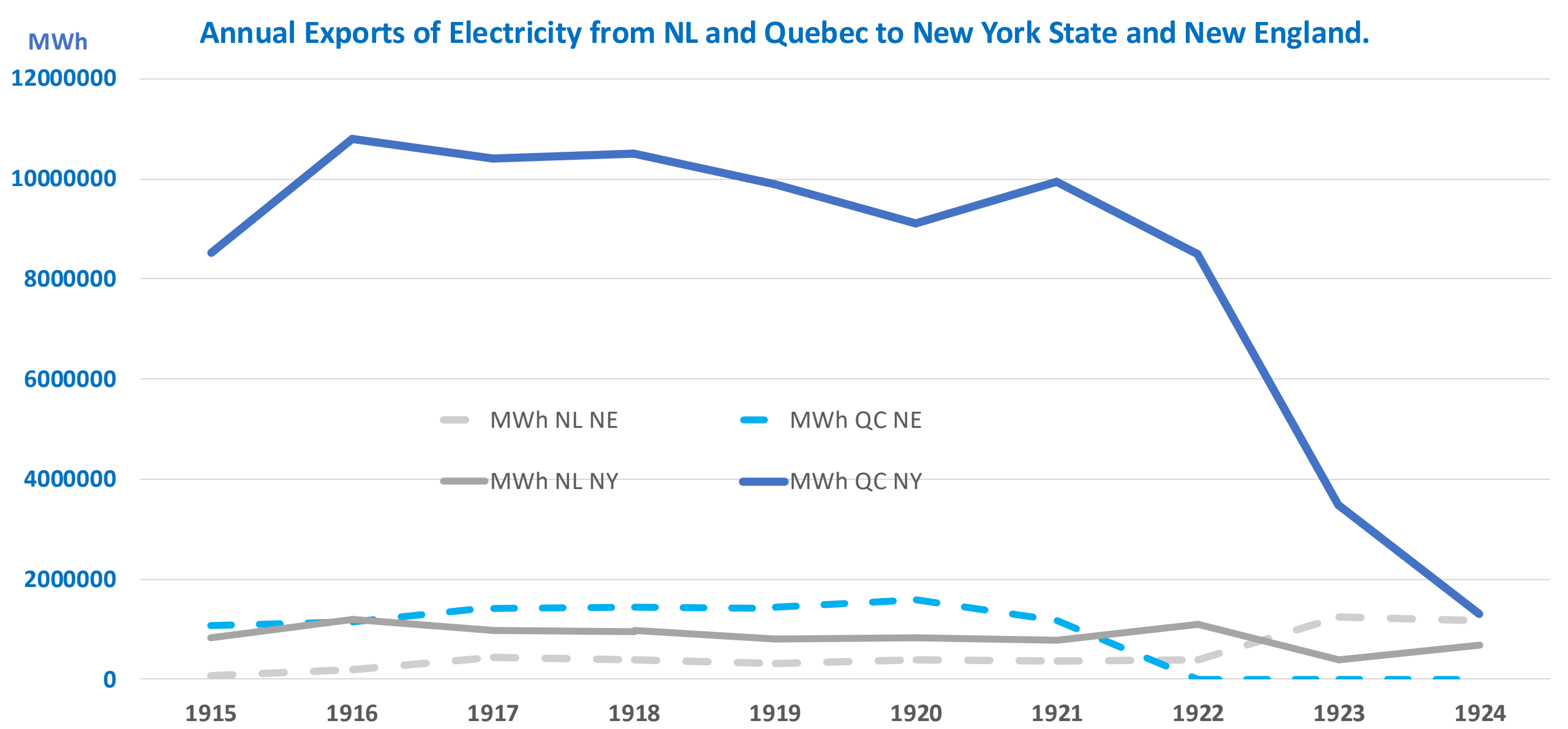
gigawatthours



Data source: U.S. Energy Information Administration, Form EIA-930, *Daily Balancing Authority Operations Report*
Note: The net values represent the interchange from a U.S. balancing authority to a Canadian balancing authority. Values are reported by U.S. balancing authorities. Negative interchange values indicate net inflows into the United States, and positive interchange values indicate net outflows from the United States. EIA's interchange data only account for balancing authorities bordering Canada. Electricity imports and exports occur simultaneously in both directions between various states in the United States and Canadian provinces.

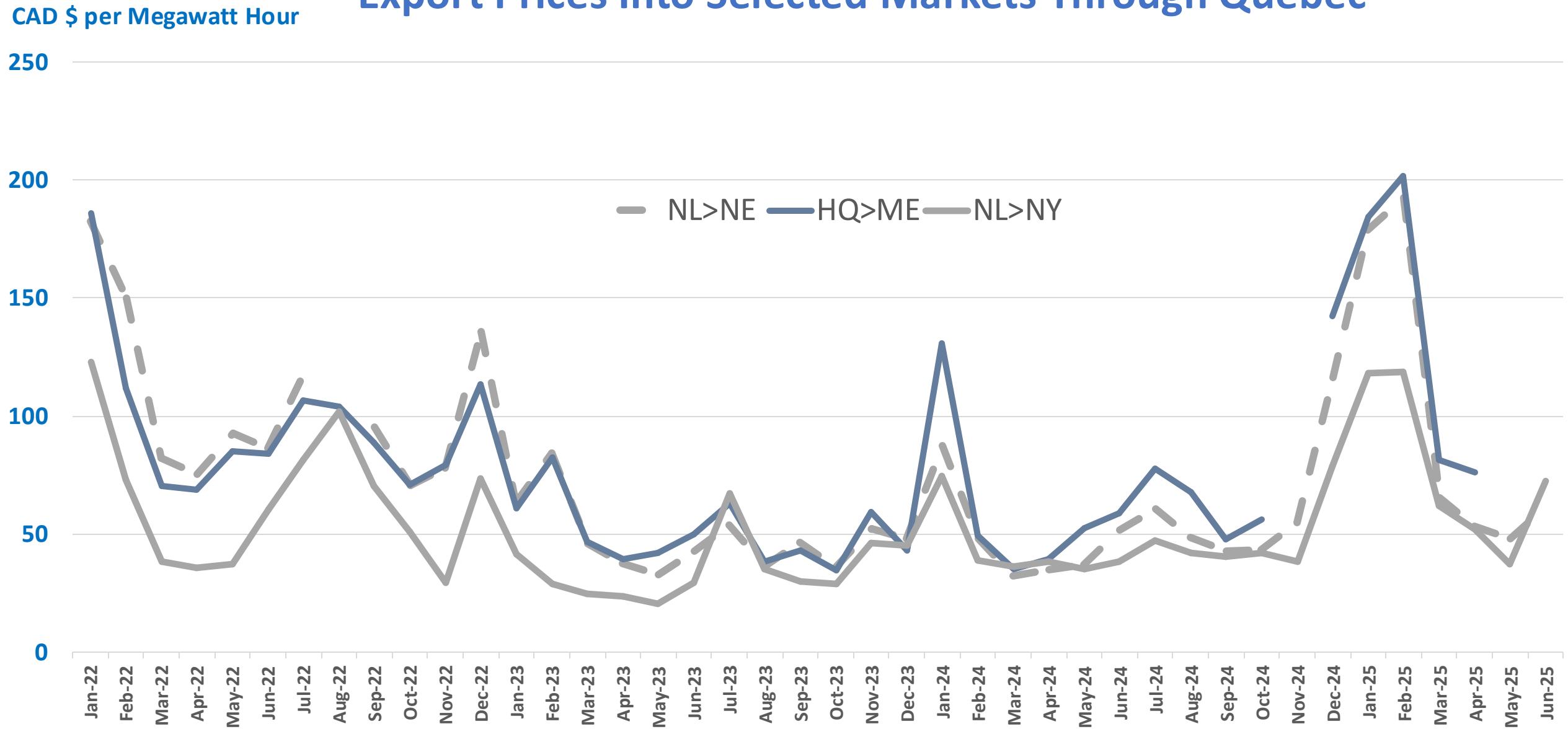

Exports (Sales)
Imports (Purchases)
Price ($ per MWh)
300.00
250.00
200.00
150.00
100.00
50.00
0.00
Apr 2015
Oct 2015
Apr 2016
Oct 2016
Apr 2017
Oct 2017
Apr 2018
Oct 2018
Apr 2019
Oct 2019
Apr 2020
Oct 2020
Apr 2021
Oct 2021
Apr 2022
Oct 2022
Apr 2023
Oct 2023
Apr 2024
Oct 2024
Area
Canada
West and East
'West' includes British Columbia, Alberta, Saskatchewan, and Manitoba. 'East' includes Ontario, Quebec, Newfoundland and Labrador, New Brunswick, and Nova Scotia.
Price
Exports (Sales), East
Exports (Sales), West
Imports (Purchases), East
Imports (Purchases), West

Annual Exports of Electricity from NL and Quebec to New York State and New England.



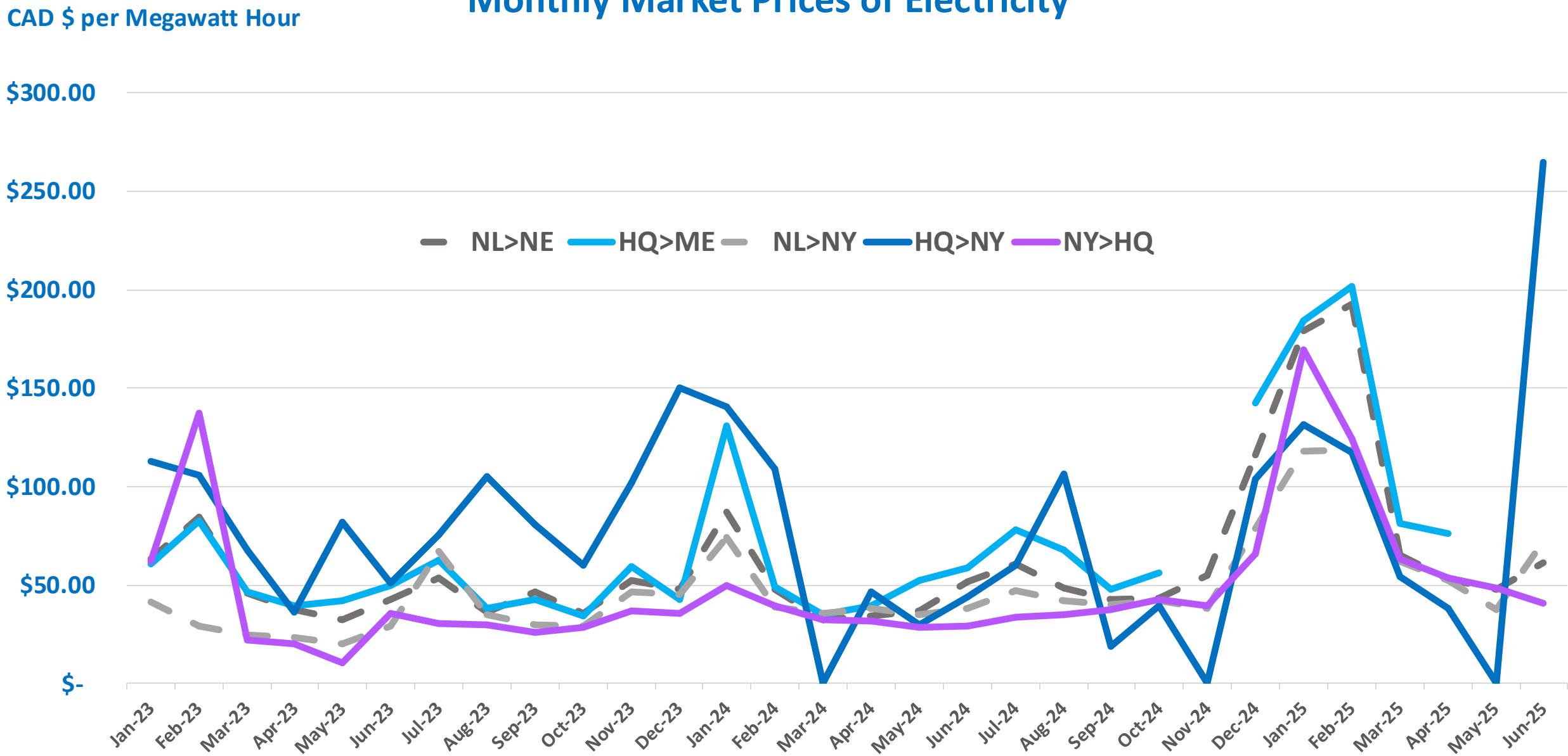
SOURCE: https://apps.cer-rec.gc.ca/CommodityStatistics/ViewReport.aspx

Export Prices Into Selected Markets Through Quebec



SOURCE: https://apps.cer-rec.gc.ca/CommodityStatistics/ViewReport.aspx

Monthly Market Prices of Electricity



SOURCE: https://apps.cer-rec.gc.ca/CommodityStatistics/ViewReport.aspx

Thanks for Watching