



Modernizing Retail Pricing – powering Nova Scotia’s clean energy future

Ivey Business School
Eighth Economics of Electricity Policy & Markets Workshop

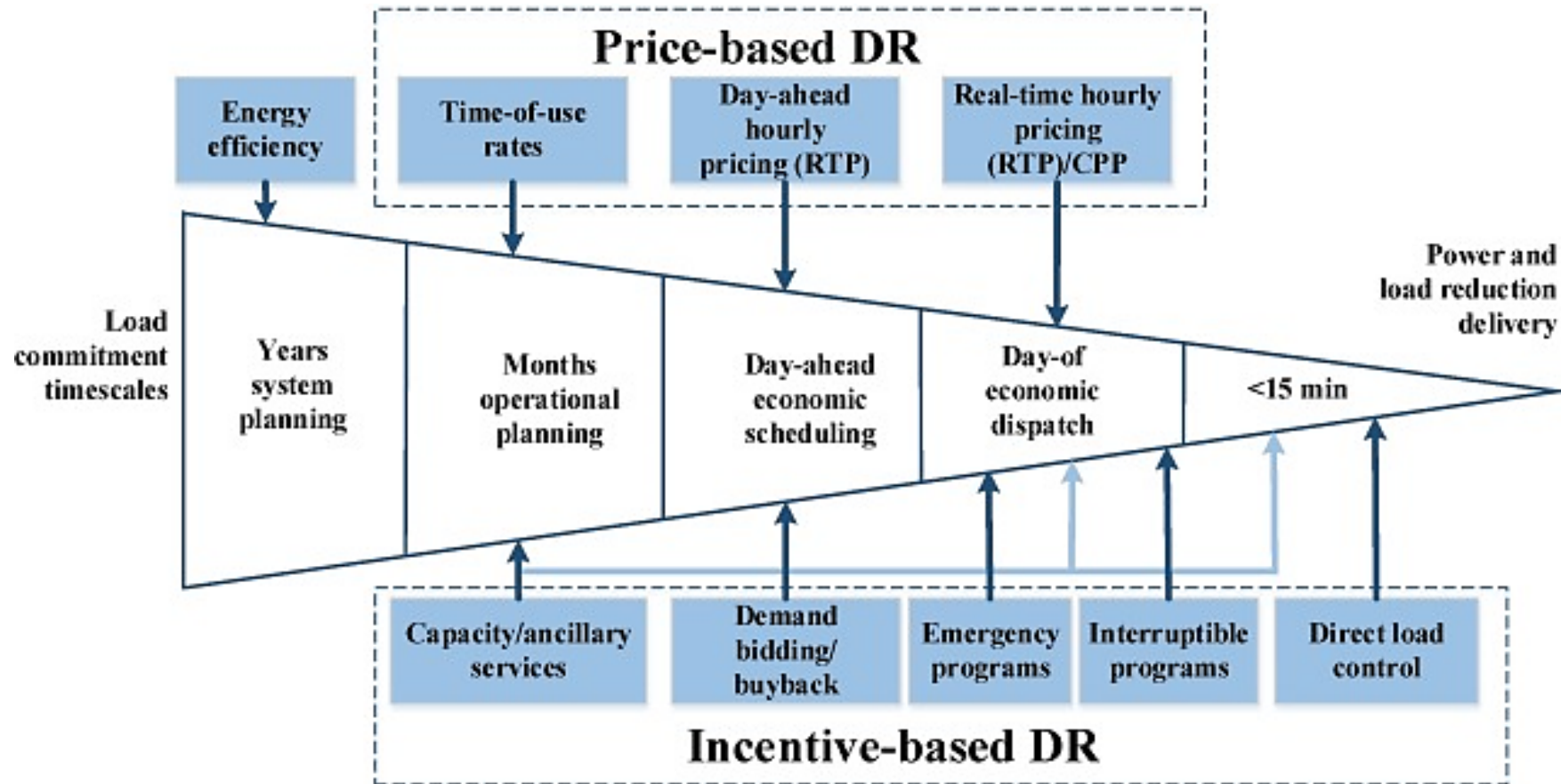
Tue, 15 Oct 2024



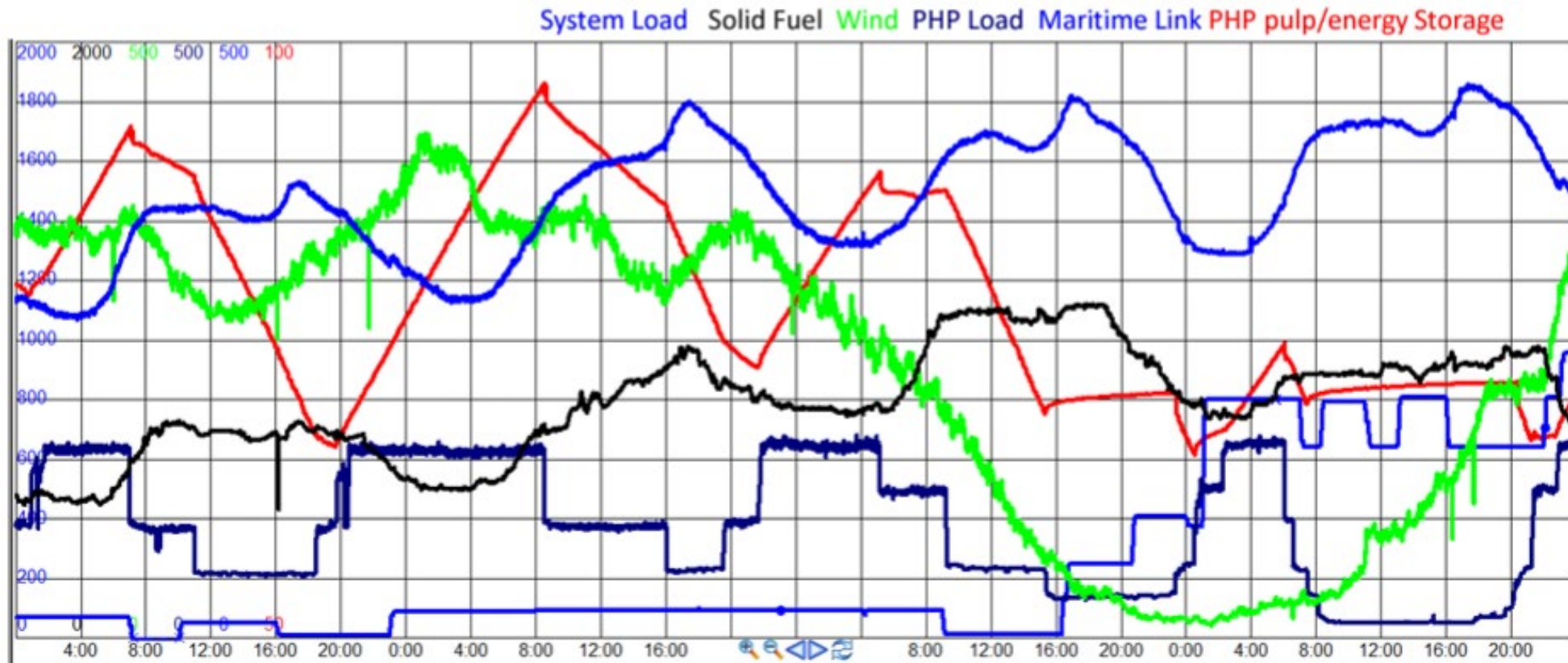
Nova Scotia Power – our current energy landscape



Large Industrial Interruptible Rider (LIIR)



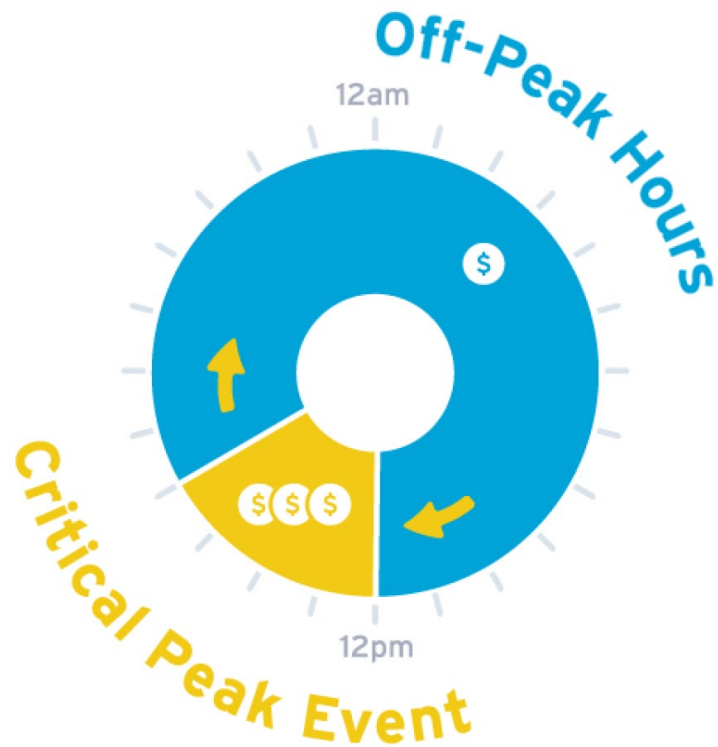
Extra Large Industrial Active Demand Control (ELIADC) Tariff



Graph showing 13 Dec 2022 – challenging few days of wind & load, used PHP for load following.

Time-Varying Pricing (TVP) Tariffs

Critical Peak Pricing

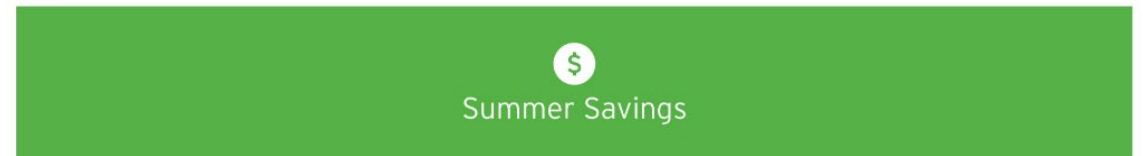


Time-of-Use

November to March (5 Months)

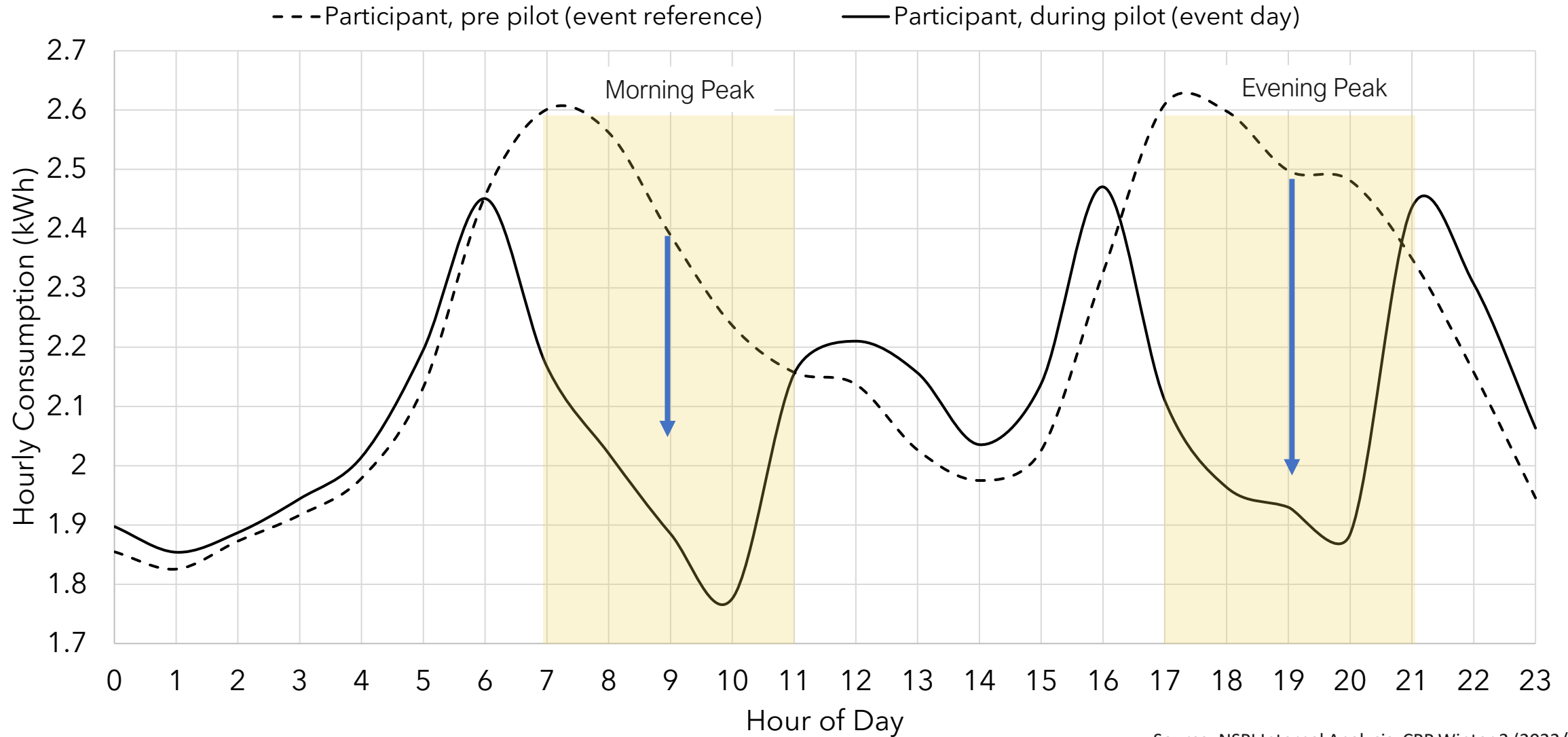


April to October (7 Months)



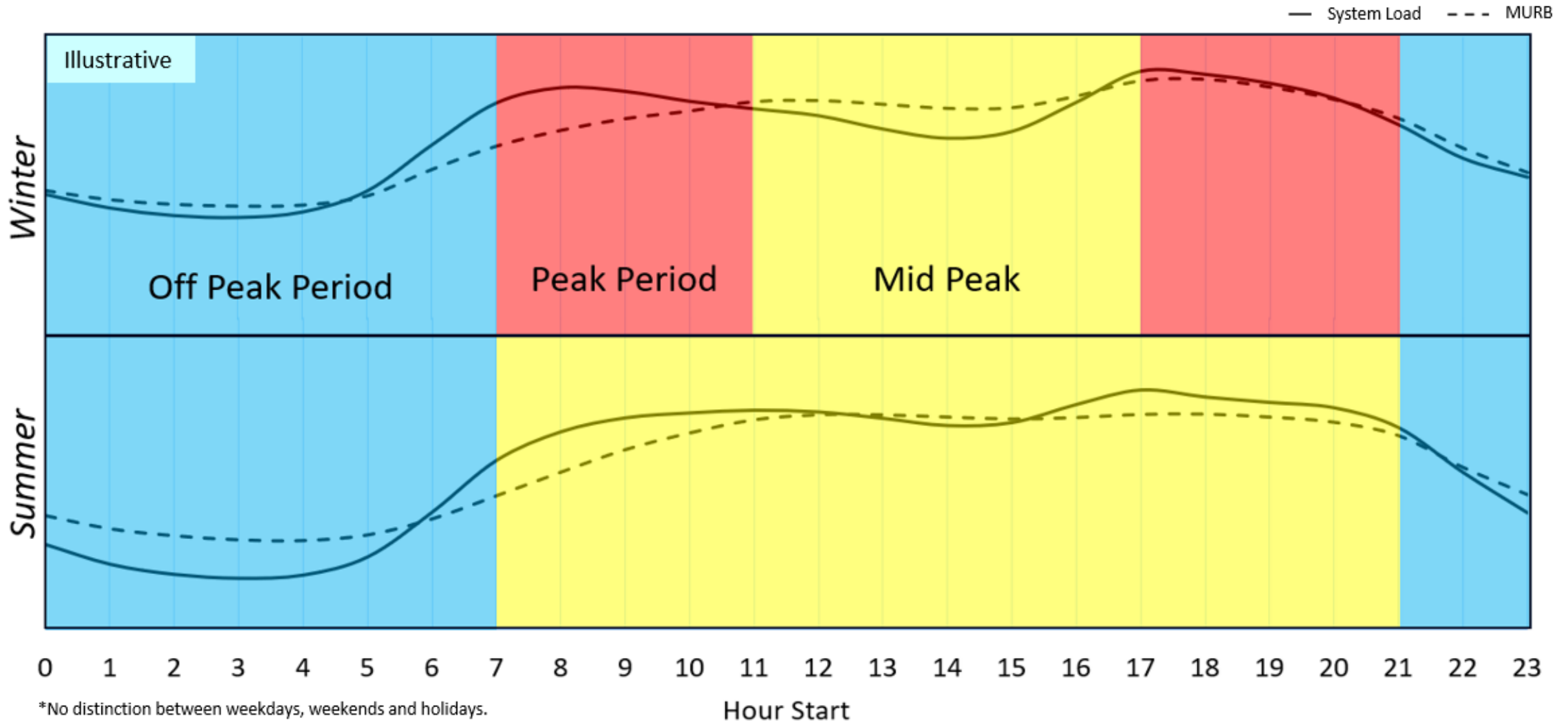
Domestic Critical Peak Pricing

average 28% reduction during critical peak events



Source: NSPI Internal Analysis, CPP Winter 2 (2022/23)

Multi-unit Residential Building (MURB) Time-of-Use Tariff



Forward-looking Rate Design



Future Challenges & Opportunities

wholesale and
renewable to retail
market developments

customer
renewables
programs

large scale
renewable
procurements

hydrogen and
ammonia
production industry

*More Access to
Energy Act
(NSIESO, NSEB)*