



Pickering Refurbishment Project

June 2025 – PN & DN CAC

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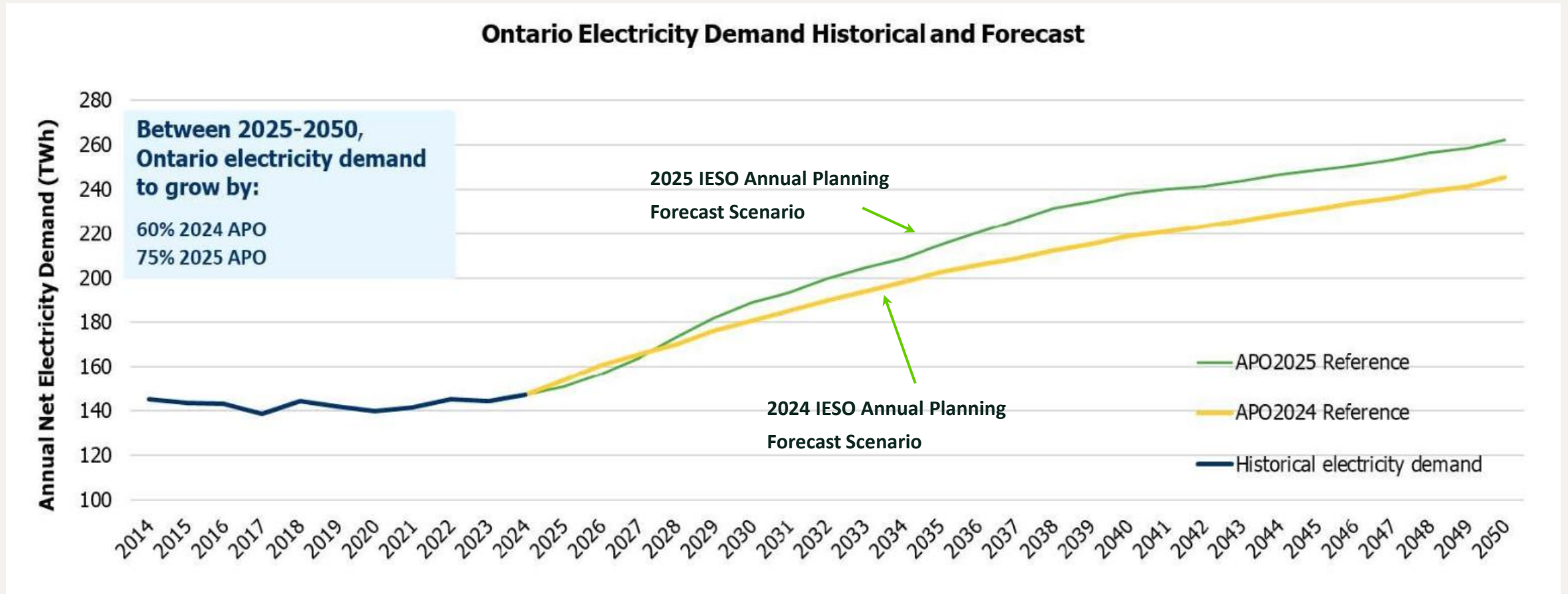
Pickering beyond 2026

- Units 5 to 8 will shut down and begin refurbishment, pending regulatory approval.
- A refurbished Pickering will play an important role in supporting the province's future growth and electrification
- OPG is currently in the Project Definition Phase of the Pickering Refurbishment Project



IESO's Updated Annual Planning Outlook

The IESO is forecasting significant demand growth.



Pickering beyond 2026

The refurbishment of Pickering Nuclear's Units 5 to 8 will provide many benefits to customers, the economy, and the environment.

Secure over
2,100 MW
of clean, reliable nuclear
power for Ontario for
the next 30+ years



Power
2 million
homes annually



Maintain and
secure thousands
of highly skilled jobs



Provide more than
\$19 billion
in economic value to
Durham Region and
Ontario

Major Bundle Scope Overview

Retube & Feeder Replacement



380 Fuel Channels

Remove and replace fuel channel components

Boiler Replacement



Remove and replace the existing 48 boilers with new

Turbine Generator



Additional 31-36 MW/Unit

New High Pressure / Low Pressure spindles

Deep Water Intake



1500 m Tunnel Length

New intake structure to access deeper, colder water

Balance of Plant



124 Projects Across All Units

Replacements, Reliability Improvements, Enhance Maintenance Capacity

Facilities & Infrastructure



Facilities and Building Upgrades & Optimization



Generation for Generations

Pickering Refurbishment

Summer 2025

PROL and WFOL
Renewal
Application
submitted to CNSC

Spring 2026

CNSC holds
Relicensing Hearing

Fall 2026

CNSC Licensing
Decision

December 2026

All PNGS Units 5-8
taken offline

January 2027

New PROL for
PNGS and the
PWMF issued by
CNSC*

Mid-2030's

Refurbished
Units 5-8 become
commercially
available*

* Pending regulatory approval
† Timelines subject to change by CNSC

Questions?

The logo consists of the letters 'OPG' in a bold, dark blue, sans-serif font. The letter 'O' is a simple vertical oval. The letter 'P' has a horizontal bar that extends to the right and ends in an arrowhead pointing towards the letter 'G'. The letter 'G' is a simple blocky shape.

OPG