

VALUES ■ SAFETY ■ INTEGRITY ■ EXCELLENCE ■ PEOPLE AND CITIZENSHIP



# PICKERING2024

Securing Ontario's Clean Power Future

Pickering Community Advisory Council

Randy Lockwood, Site Vice President  
Tuesday, May 16, 2017

**ONTARIO** **POWER**  
GENERATION

# PICKERING NUCLEAR CONTINUED OPERATIONS TO 2024

GREENHOUSE GAS-FREE BASE LOAD CAPACITY NEEDED FROM 2018-2024  
NUCLEAR ENERGY PLAYS A FUNDAMENTAL ROLE IN ONTARIO'S CLEAN-ENERGY EQUATION

CONTINUED OPERATIONS AT THE PICKERING STATION WILL REDUCE GREENHOUSE GAS EMISSIONS BY AN ESTIMATED

**17** MILLION TONNES

THAT'S THE EQUIVALENT OF REMOVING

**3.4** MILLION Cars per YEAR

FROM ONTARIO'S ROADS



**1** IN **7**

HOMES AND BUSINESSES ARE POWERED BY PICKERING - WITH VIRTUALLY **NO GREENHOUSE GASES**



**14%**

OF ONTARIO'S POWER IS SUPPLIED BY PICKERING - ENOUGH TO SERVE A CITY OF **1.5 MILLION PEOPLE**

CONTINUED OPERATIONS WILL SAVE ONTARIO ELECTRICITY CONSUMERS

**\$600** MILLION



BEST PERFORMANCE YEAR IN 2015 FOR

**SAFETY** AND OPERATIONAL PERFORMANCE

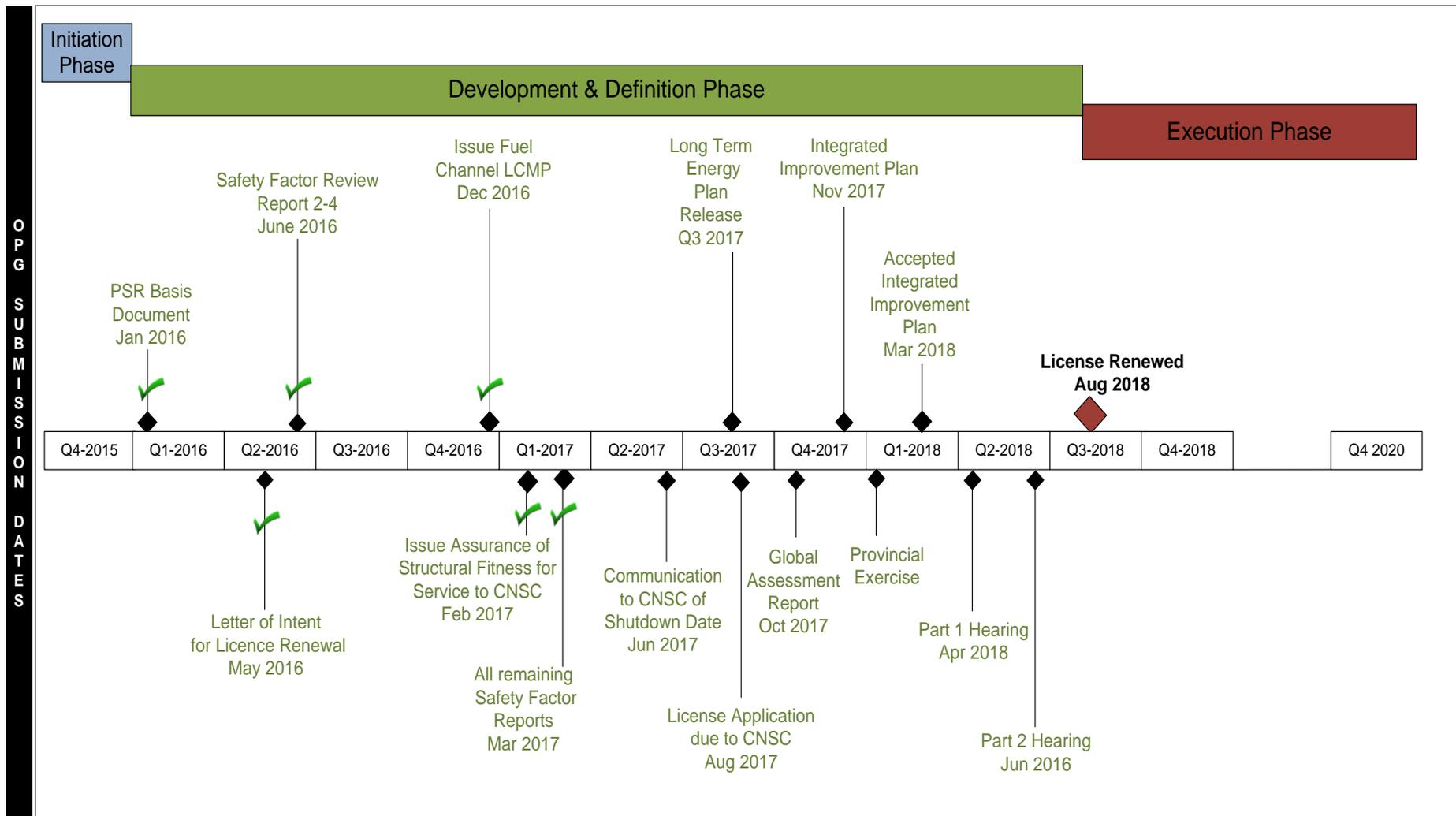
CONTINUED OPERATIONS OF THE PICKERING NUCLEAR STATION IS ASSOCIATED WITH

**4,500** JOBS ACROSS DURHAM REGION





## License Renewal On Track





## Key Takeaways

- Licence renewal work underway for submission to the Canadian Nuclear Safety Commission

Date	Description
August 2017	License Submission
Oct/Nov 2017	GAR & IIP
April 2018	Commission Hearing – Part 1
June 2018	Commission Hearing – Part 2
August 2018	Expected Decision

# 2017 – Pickering Outlook

- Continued focus on safety and quality culture
  - Maintaining the highest standards of safety and operational performance
- International Industry Review – Fall
- Fall Community Information Sessions and Stakeholder Workshop
- Revised Provincial Nuclear Emergency Response Plan (PNERP) Issued
- Pickering Unified Response Exercise – Dec. 6 & 7
  - Will test emergency response plans and demonstrate how agencies and government work together to protect the public

