



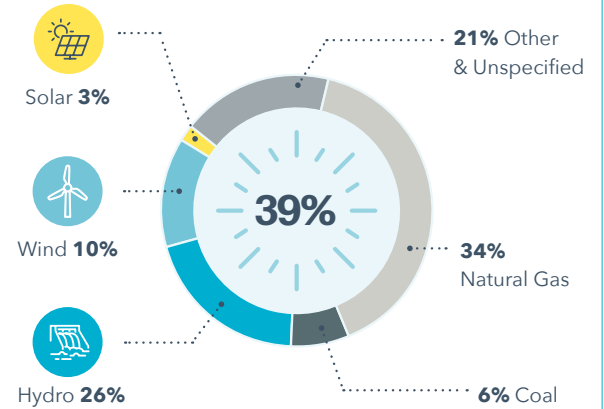
PGE's Path to Decarbonization

Our 2023 Clean Energy Plan and Integrated Resource Plan

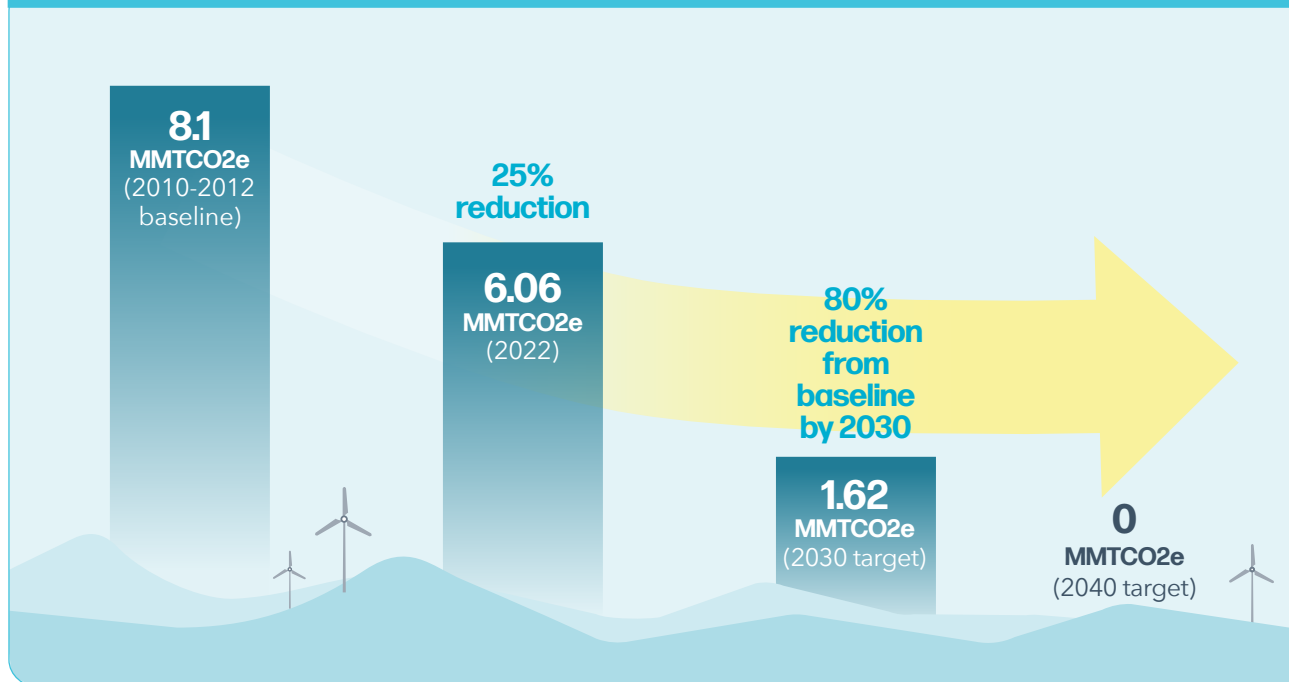
PGE's inaugural Clean Energy Plan and 2023 Integrated Resource Plan detail how we will meet customers' energy needs and greenhouse gas emissions targets while maintaining reliability, safety and affordability. Our path to reach 2030 targets is possible with technology available today and utilizes a wide range of clean energy tools sourced from our customers, communities and partners across the West.

Customers, state and local public officials and community stakeholders will each play a critical role in ensuring that the clean energy transition is successful. It will take all of us to tackle challenges such as transmission constraints, the timely acquisition of new resources, permitting and creative solutions to supply chain issues and workforce needs.

Current resource mix for power served to PGE customers



Decarbonizing our power supply while adding reliable, clean energy resources



Proposed actions to reach 2030 emissions-reduction targets

1. Renewable energy procurement

PGE plans to acquire additional clean, renewable resources through an accelerated pace of procurement.

2. Non-emitting storage procurement

By 2026, we anticipate procuring enough additional non-emitting capacity, including batteries, to provide 506 MW of capacity in the summer and 430 MW in the winter.

3. Transmission options and regional partnerships

We're pursuing upgrades to local transmission lines and other transmission solutions.

4. Customer sited solutions and technology

Items like home solar panels, batteries, as well as energy efficiency and demand response participation from our customers that will tie into the grid.

5. Community-based renewable energy

Community-based renewable energy resources can help us power the grid and achieve our targets while providing a range of community benefits.

For more info visit portlandgeneral.com/resourceplanning