

Intermountain Power Project (IPP)

- World's first combined cycle design for green H2
- Commercial operation 2025 on 30% green H2
- 100% green H2 operation no later than 2045

IPP *Renewed*⁺

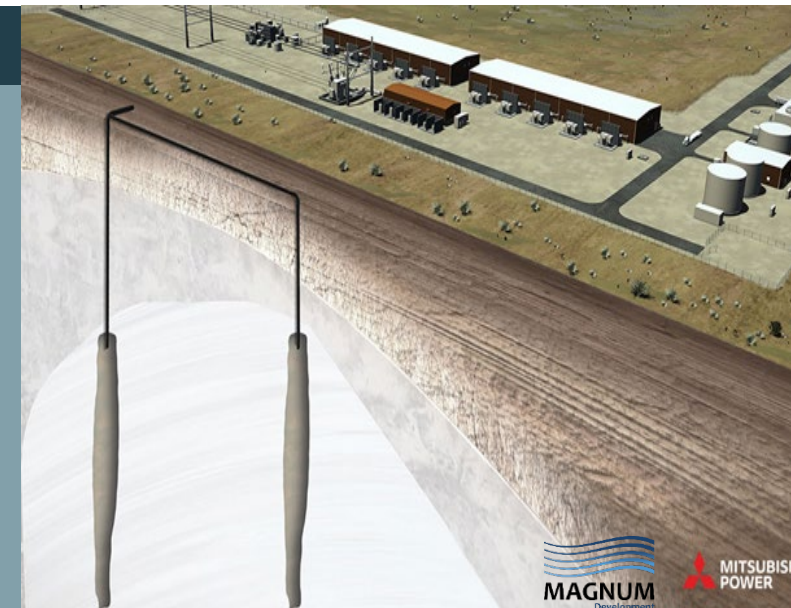
Project Necessity

- Dispatchable energy required to maintain system reliability and support HVDC transmission
- Units capable of integrating with renewable resource variability
- Required to meet LADWP's 100% Renewable Goals
- Less reliance on in-basin natural gas units and Aliso Canyon Storage facility



Advanced Clean Energy Storage (ACES) – Delta Project

- World's largest renewable storage project...300,000 MWh
- Safe, reliable and cost effective storage of green hydrogen
- Creates path to accelerate long-term hydrogen market
- \$504.4 million DOE loan guarantee closed on June 3, 2022



Vision for the Pacific Northwest – 2040+

2040+ Net Zero Grid

- Connect multiple industries to achieve resource adequacy and deep decarbonization: Power, Transport, Industrial
- Grow electrolyser and storage capacity to support full decarbonization via 100% H2 infrastructure utilization

Up to 82,000 GWh/yr
Excess renewables that can be stored

2040 California Curtailment Projection = 36,000 GWh

10.5 GW
Connected GT capacity

31 GW
Electrolyser capacity

1,800 mi
Pipelines built

7,300 tonnes
H2 storage in line pack only

165,000 tonnes
30x Cavern storage capacity

