



CUSTOMERS FIRST

Intermountain Power Project & Green Hydrogen

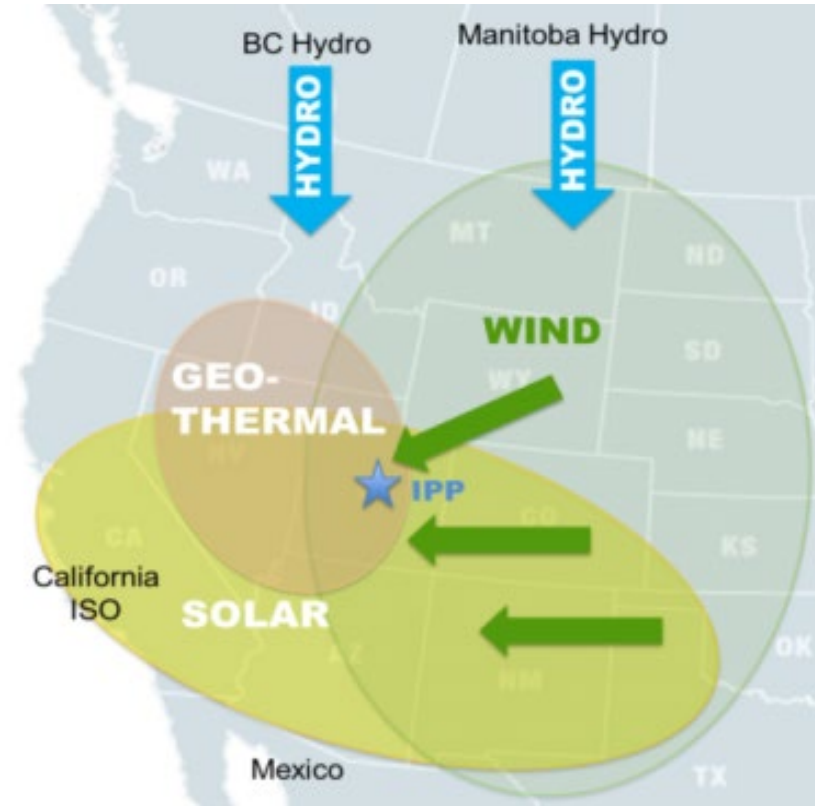
July 2020

CURRENT INTERMOUNTAIN POWER PROJECT

- LOCATION: DELTA, UTAH
- TWO COAL UNITS – 1,800 MW NET CAPACITY
- OPERATING SINCE 1986
- NORTHERN AND SOUTHERN TRANSMISSION SYSTEMS WITH NEARLY 300 MW CURRENT WIND INTERCONNECTIONS
- PARTNERSHIP BETWEEN UTAH AND SOCAL MUNICIPAL UTILITIES
- COAL CLOSURE AND NATURAL GAS CONVERSION COMPLETE BY 2025
 - NEW POWER PLANT WILL HAVE 840 MW NET CAPACITY

Utah's Renewable Hub

- IPP sits in a confluence of renewable resources
- Currently interconnected to 370 MW of wind generation
- Secondary Path for existing Geothermal Projects and potential for additional geothermal in the area
- 2,300 MW of current solar interconnection requests in queue
- 1,500 MW of Wyoming wind interconnects currently being discussed



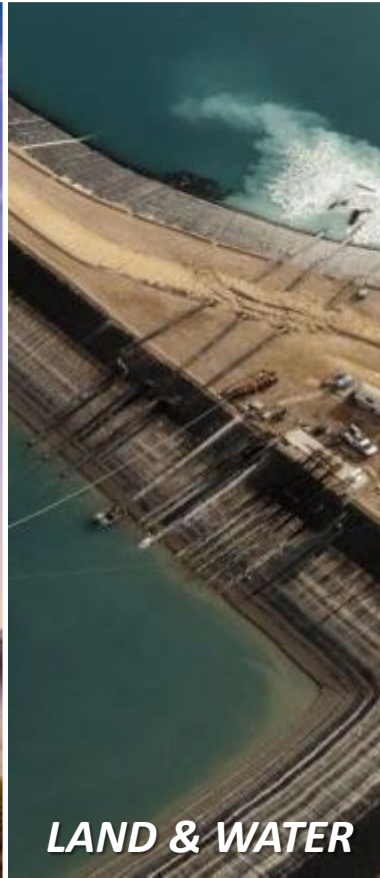
Unlocking IPP's Green Hydrogen Potential



RENEWABLES



TRANSMISSION



LAND & WATER



SALT DOME



PEOPLE

Hydrogen Powered Generators

The background of the slide is a complex digital visualization. It features several glowing, translucent rings in shades of blue and orange, some of which are arranged in a circular pattern. The background is filled with a dense stream of small, white and blue characters, resembling binary code or data points, creating a sense of depth and movement. The overall color palette is dominated by deep blues and vibrant oranges, with bright highlights and lens flare effects.

The new generators at IPP will be capable of burning a hydrogen fuel mix on DAY 1 of commercial operation

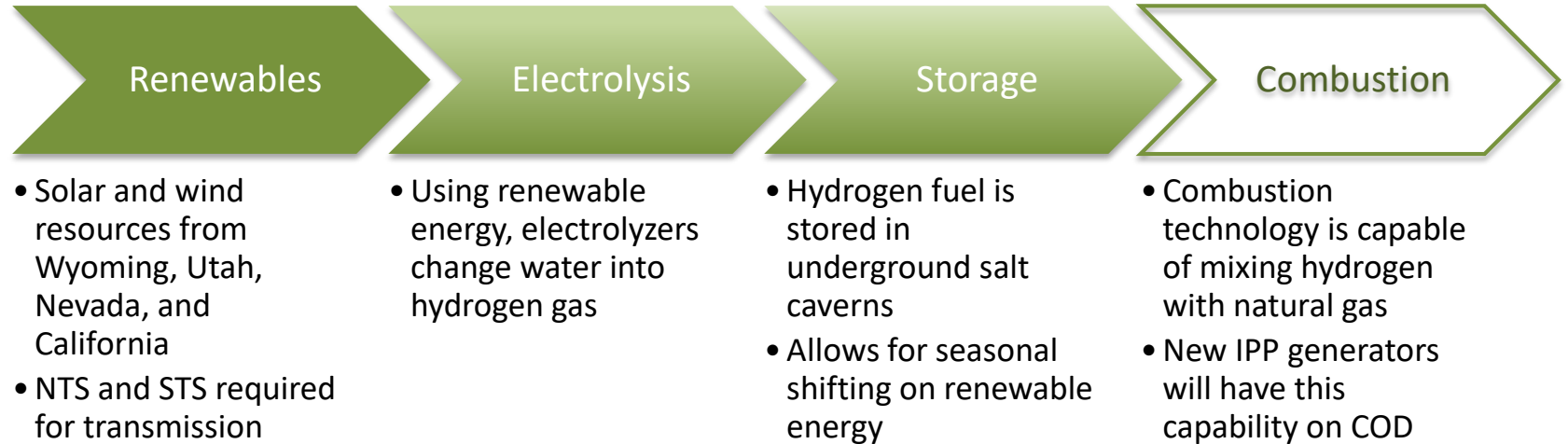
Hydrogen Storage at IPP

Hydrogen storage is one of IPP's most unique features.

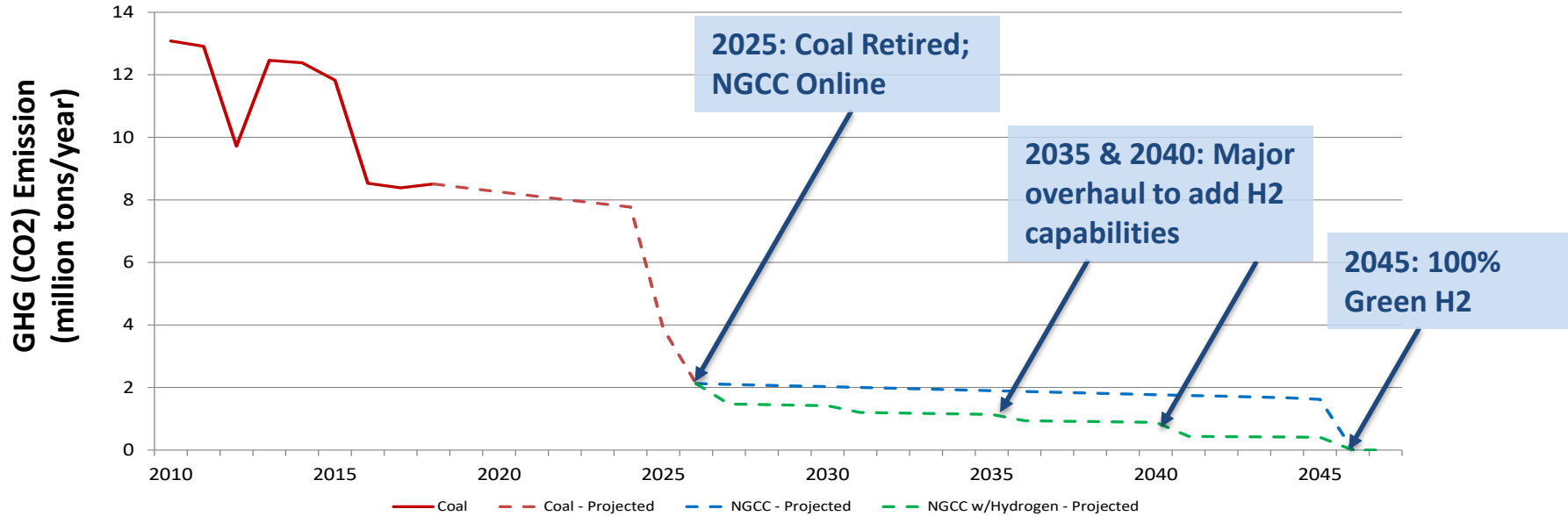
Allows for SEASONAL SHIFTING of renewable energy; taking the otherwise curtailed energy and storing it as fuel.

- A typical cavern size at IPP = 4,000,000 barrels
- 1 cavern = 5,512 tons of H₂ (operational limit)
- Equivalent to:
 - 200,000 hydrogen buses
 - 1,000,000 fuel cell cars
 - 14,000 tankers used for delivery
- Over 100 caverns can be constructed in the salt dome at IPP

Green Hydrogen Future



IPP Potential Emissions Profile



%Hydrogen Volume (projected)	2026-2030	2031-2035	2036-2040	2041-2045	2046 -
	30%	40%	50%	75%	100%



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