

Future Supply Side Resources 2025 Integrated Resource Plan

Ian McGetrick

Senior Resource Planning Analyst

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Educational Resources

IDAHO POWER
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ACCOUNTS & SERVICE ▾ OUTAGES & SAFETY ▾ ENERGY & THE ENVIRONMENT ▾

Our 20-Year Plan

Home > Energy and the Environment > Energy > Planning and Electrical Projects > Our 20-Year Plan

Current Projects

- Oregon Distribution System Plan
- Our 20-Year Plan**
- IRP Questions and Responses
- Educational Resources** ←
- Regional Electrical Plans
- Huston to Gem

Idaho Power has begun work on its 2025 *Integrated Resource Plan*. The plan examines the company's projected need for additional electricity and the resources that will best meet that need while balancing environmental responsibility, efficiency and risk. The plan is updated annually and includes a series of public meetings that help guide our planning process.

Idaho Power enlists the assistance of its customers in developing an advisory panel – the Integrated Resource Plan Advisory Council.

Idaho Power Videos

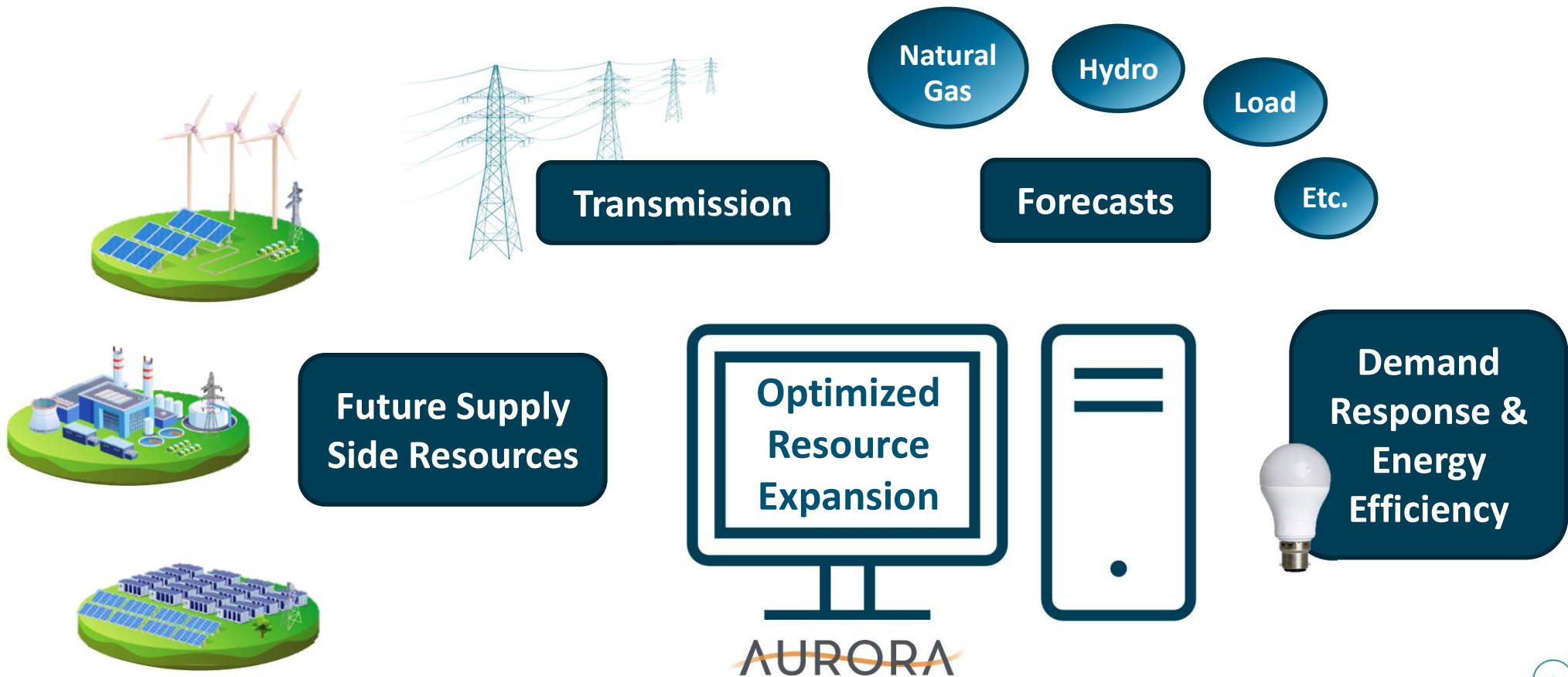
[Video: AURORA Model Overview](#)

[PDF version](#)

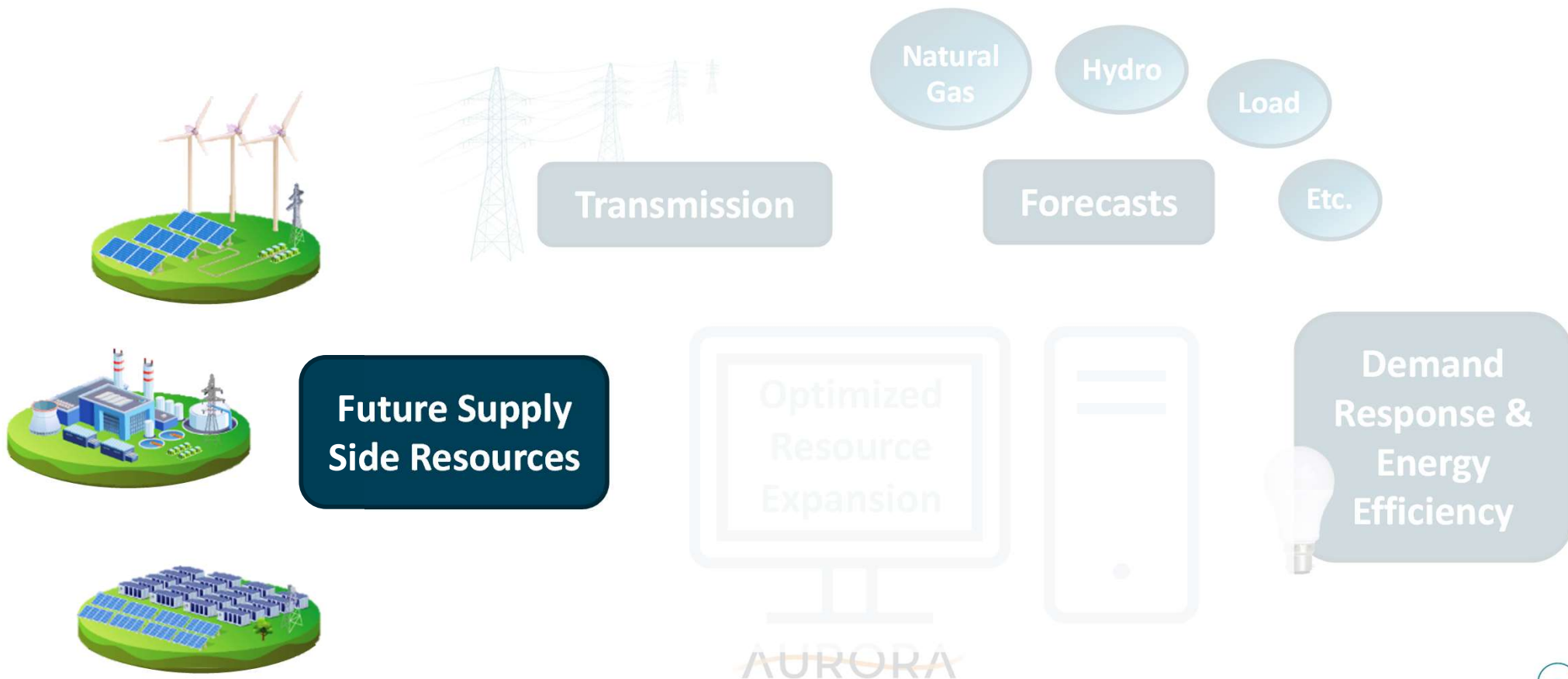


idahopower.com/IRP

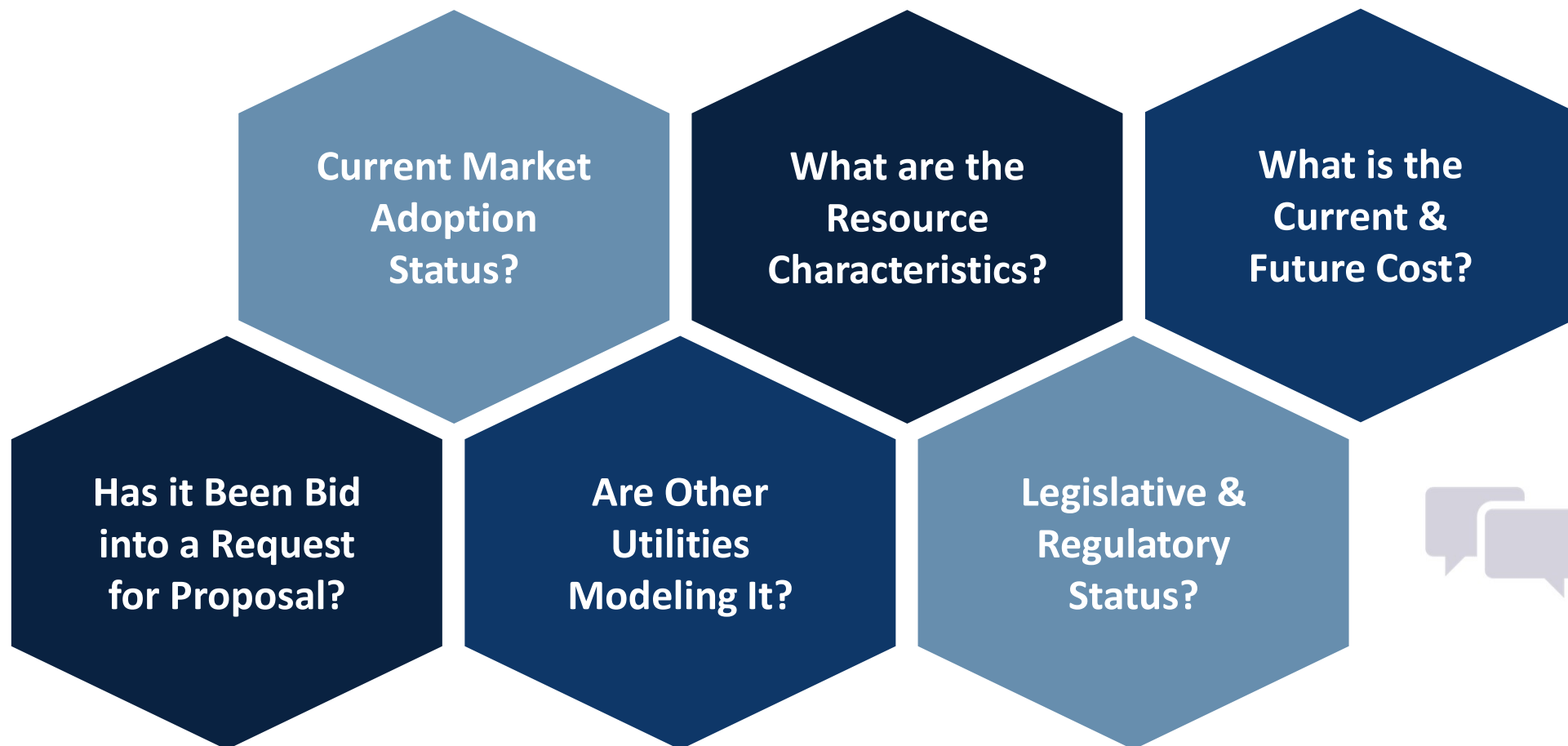
Integrated Resource Plan Construction



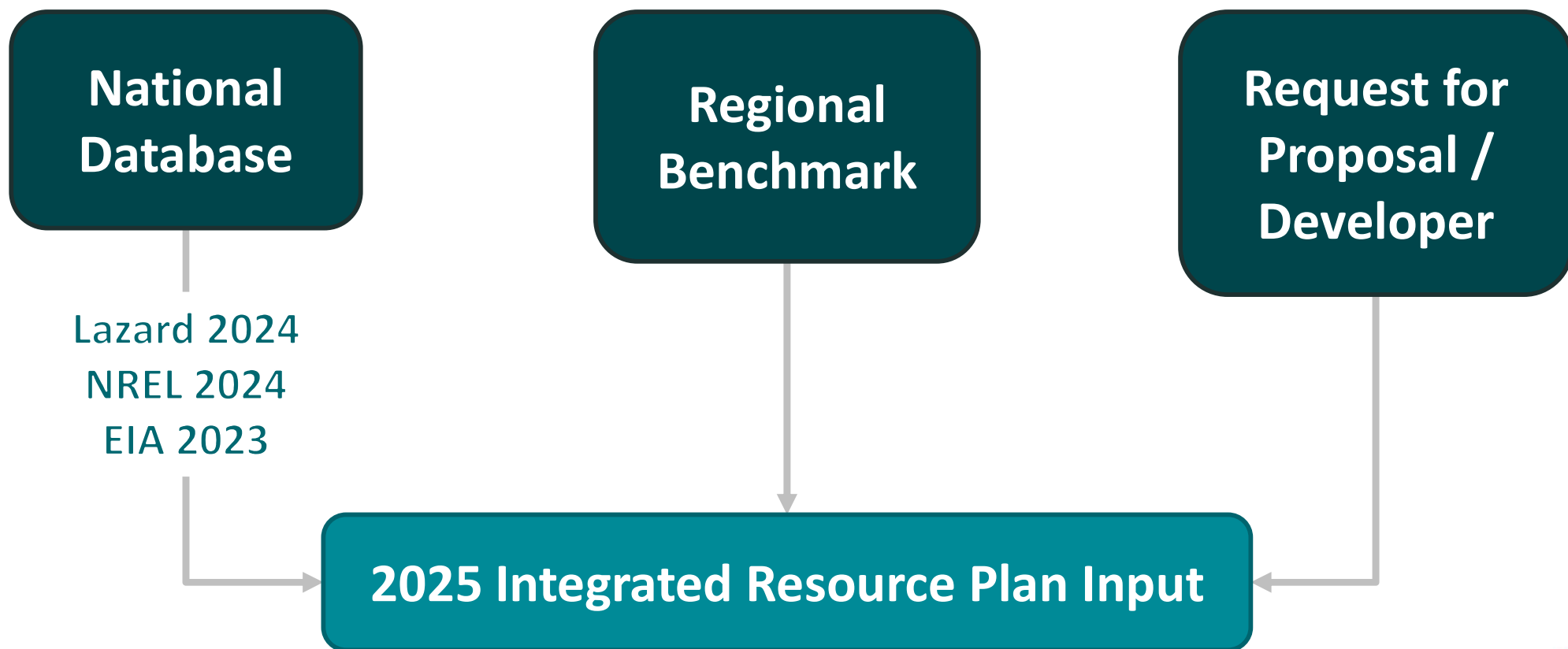
Integrated Resource Plan Construction

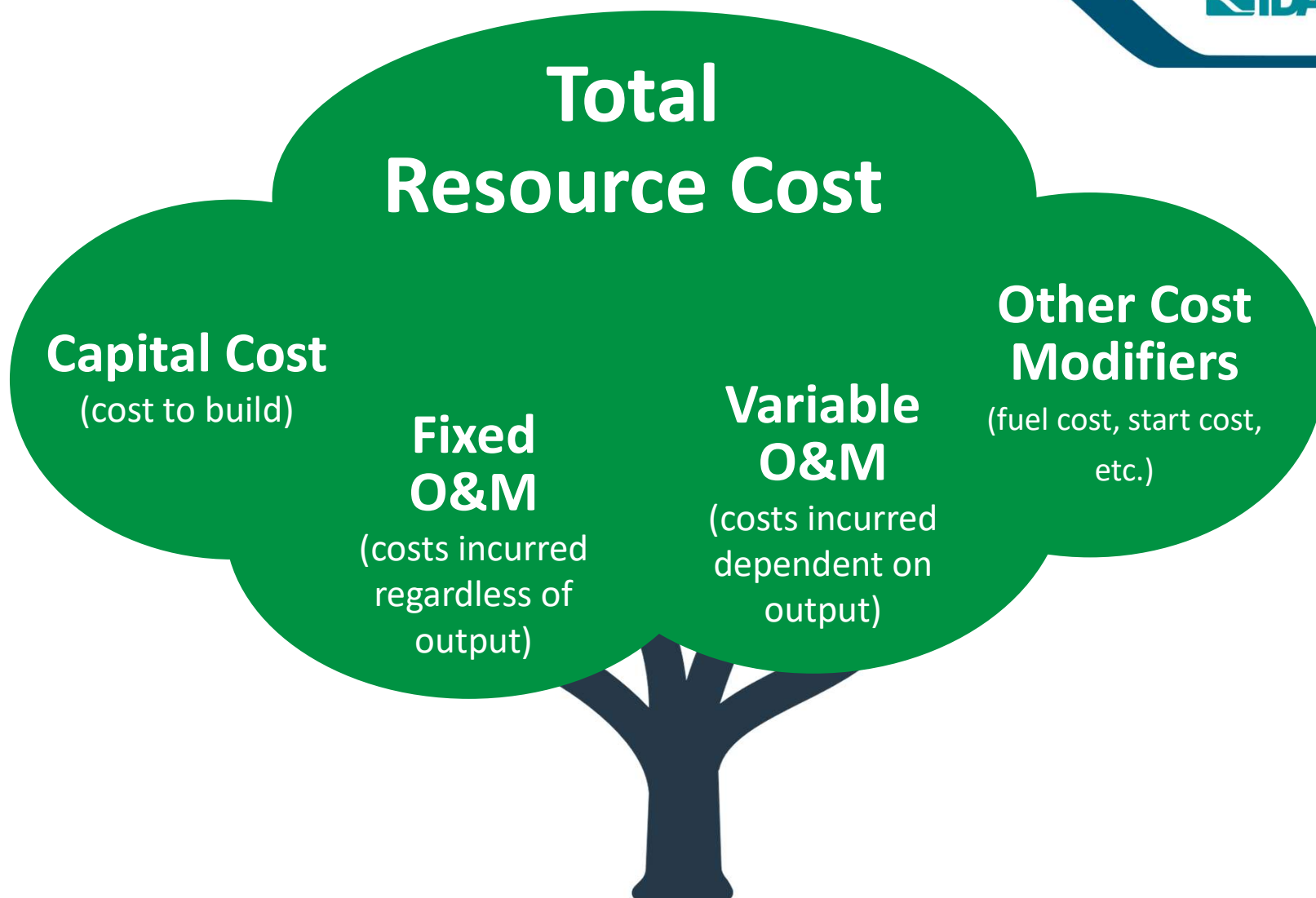


Supply Side Resource Considerations



Resource Cost Methodology





Draft Supply Side Resource List

Natural Gas – Combined Cycle Combustion Turbine	Solar
Natural Gas – Simple Cycle Combustion Turbine	Wind
Natural Gas – Reciprocating Engine	Storage: 4-Hour
Hydrogen – Simple Cycle Combustion Turbine	Storage: 8-Hour
Nuclear – Small Modular Reactor	Storage: Pumped Hydro 12-Hour
Geothermal	Storage: Multi-Day 100-Hour
Biomass	

Educational Resources

The screenshot shows the Idaho Power website navigation menu with 'ACCOUNTS & SERVICE', 'OUTAGES & SAFETY', and 'ENERGY & THE ENVIRONMENT'. The main content area features a waterfall image and the title 'Our 20-Year Plan'. A breadcrumb trail reads: Home > Energy and the Environment > Energy > Planning and Electrical Projects > Our 20-Year Plan. A sidebar lists 'Current Projects' including 'Oregon Distribution System Plan', 'Our 20-Year Plan', 'IRP Questions and Responses', 'Educational Resources', 'Regional Electrical Plans', and 'Huston to Gem'. The 'Educational Resources' link is highlighted with a red box and a red arrow points to it from the left. The main text area begins with 'Idaho Power has begun work on its 2025 Integrated Resource Plan...'.

Additional Resources

Hydro

- [Energy 101: Hydropower | DOE | Video \(3:50\)](#)
- [Hydropower Energy Basics | NREL | Video \(2:14\)](#)

Solar

- [Energy 101: Solar PV | DOE | Video \(2:00\)](#)
- [Solar Energy Basics | NREL | Video \(2:18\)](#)

Storage

- [Energy Storage | DOE | Video \(2:07\)](#)
- [Energy Storage | NREL | Video \(1:12\)](#)

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