

What you need to know about an Integrated Resource Plan (IRP)

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What is an IRP?

A strategic tool for long-term power system planning to ensure reliable, cost-effective, and sustainable low-carbon power supply.

Addresses key challenges in low-carbon energy planning:

- determines optimal locations for new generation capacity
- guides transmission and distribution infrastructure development, and
- forecasts future energy demands
- estimates future energy costs

Why is it important?

What makes an IRP?

- policy direction
- data collection
- demand forecasting
- resource assessment
- scenario analysis
- stakeholder engagement
- comprehensive actionable plan

- supports economic growth
- ensures energy security
- promotes environmental sustainability
- includes renewable energy sources
- helps reduce carbon emissions
- contribution to achievement of Energy Transition goals



What are the benefits?