

Integrated Resource Plan (IRP) Flow Chart

KEY INPUTS INCLUDE:

- Load Forecast
- Commodity Forecast
- Technology Cost
- Performance Characteristics
- Policy
- Regulatory Context
- Generation Assets

IRP

IRPs articulate the utilities' resource plan for meeting projected customer demand by using economically priced energy and a reliable combination of conventional generation, renewable generation, and Demand Side Management (DSM)/energy efficiency while maintaining system flexibility and considering environmental laws and regulations.



DSM

The evaluation of new DSM programs utilizes output from the IRP.

The savings from approved DSM programs serve as the DSM base case within IRP development.



RENEWABLES

Existing renewables and those projected under state legislative actions are inputs to the IRP.

Approved Distributed Energy Resource plans and renewable resource procurement serve as the renewable energy base case within IRP development.

The IRP analyzes the contribution of additional renewable resources.



RESOURCE NEEDS

Includes Certificate of Public Convenience and Necessity/ Siting and off-system purchases. The IRP is used as a reference document for identifying resource need.



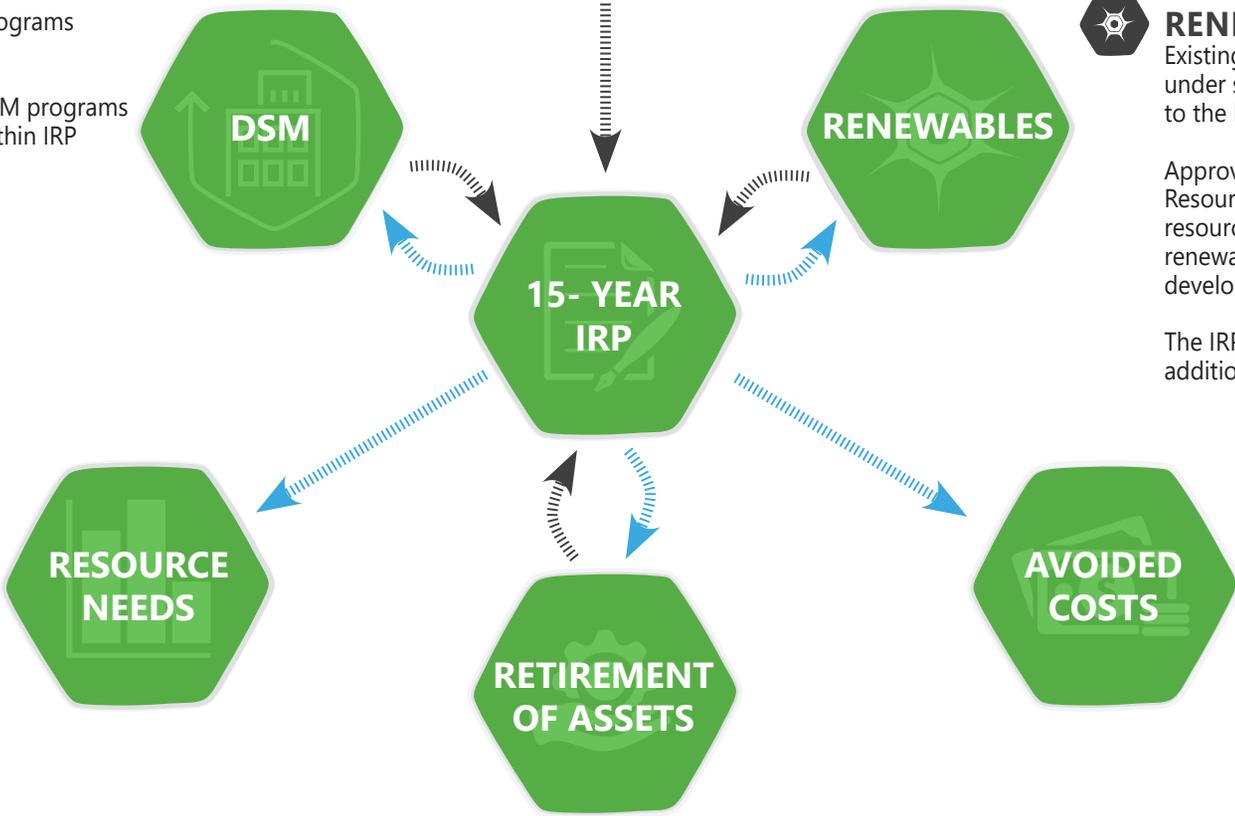
AVOIDED COSTS

The IRP is used as a reference document for avoided cost inputs and assumptions.



RETIREMENT OF ASSETS

Planned unit retirements, due to cost and efficiency issues, are removed from the IRP. IRP data and analysis are used to evaluate potential future retirements.



Involved in a Public Service Commission IRP serves as reference document Informs the IRP docket*

*does not apply to Santee Cooper