

Electric Integrated Resource Planning

Degree of Change Required –
Minor, Major or In-Between

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May 20, 2005

Change



May 1993



March 2005

4 CSR 240-22.010 Policy Objective

Purpose: This rule states the public policy goal that this chapter is designed to achieve and identifies the objectives that the electric utility resource planning process must serve.

Fundamental Objective: To provide the public with energy services that are safe, reliable and efficient, at just and reasonable rates, in a manner that serves the public interest.

Degree of Change: None

4 CSR 240-22.030 Load Analysis and Forecasting

Purpose: This rule sets minimum standards for the maintenance and updating of historical data, the level of detail required in analyzing and forecasting loads, and for the documentation of the inputs, components and methods used to derive the load forecasts.

	Current Practice	Future*
10 Year Historical Data Base	?	X
Customer Class Detail	?	X
End-Use Analysis	limited	?
Net System Load Forecast	?	X
High & Low Case Load Forecasts	limited	X
Forecast Sensitivity	limited	X
Reporting Requirements		X

Degree of Change: Major

* X does not mean that this component will not change but that Staff believes that it should remain in some form any future version of the rule

4 CSR 240-22.040 Supply-Side Resource Analysis

Purpose: This rule establishes minimum standards for the scope and level of detail required in supply-side resource analysis.

	Current Practice	Future*
Preliminary Screening Analysis	X	X
Interconnected Generation resource Screening	X	X
Identification & Screening of PPA & Sales	X	X
Identification of Transmission Req. & Needs	X	X
Development of Probabilities for uncertainties	?	X
Reporting Requirements		X

Degree of Change: Minor

* X does not mean that this component will not change but that Staff believes that it should remain in some form any future version of the rule

4 CSR 240-22.050 Demand-Side Resource Analysis

Purpose: This rule specifies the methods by which end-use measures and demand-side programs shall be developed and screened for cost-effectiveness. It also requires the ongoing evaluation of end-use measures and programs, and the use of program evaluation information to improve program design and cost-effective analysis.

	Current Practice	Future*
All Major Classes, Decision Makers, End-uses Point-of-Use Renewables		X
Calculation of Avoided Cost	limited	X
Cost Effectiveness End-Use Screening	?	X
Evaluation of Demand-Side Programs	?	X
Reporting Requirements		X

Degree of Change: Major

* X does not mean that this component will not change but that Staff believes that it should remain in some form any future version of the rule

4 CSR 240-22.060 Integrated Resource Analysis

Purpose: This rule requires the utility to design alternative resource plans to meet the planning objectives identified in 4 CSR 240-22.010(2) and sets minimum standards for the scope and level of detail required in resource plan analysis, and for the logically consistent and economically equivalent analysis of alternative resource plans

	Current Practice	Future*
Specification of Performance Measures	?	X
Development of Alternative Plans	?	X
Analysis of Alternative Plans	?	X
Reporting Requirements		X

Degree of Change: Minor

* X does not mean that this component will not change but that Staff believes that it should remain in some form any future version of the rule

4 CSR 240-22.070 Risk Analysis and Strategy Selection

Purpose: This rule requires the utility to identify the critical uncertain factors that affect the performance of resource plan, establishes minimum standards for the methods used to assess the risks associated with these uncertainties and requires the utility to specify an officially adopted resource acquisition strategy.

	Current Practice	Future*
Preliminary Sensitivity Analysis	Limited	X
Decision Tree Analysis	?	?
Selection of a Preferred Resource plan	X	X
Impact of Preferred Plan on Expected Unserved Energy	?	X
Resource Acquisition Strategy Adoption	?	X
Analysis of Alternative Plans	?	X
Reporting Requirements		X

Degree of Change: In Between

* X does not mean that this component will not change but that Staff believes that it should remain in some form any future version of the rule

4 CSR 240-22.080 Filing Schedule and Requirements

Purpose: This rule specifies the requirements for electric utility filings to demonstrate compliance with the provisions of this chapter. The purpose of the compliance review required by this chapter is not commission approval of the substantive findings, determinations or analyses contained in the filing. The purpose of the compliance review required by this chapter is to determine whether the **utility's** resource acquisition strategy meets the requirements stated in 4 CSR 240-22.010(2)(A)-(C)

	Current Practice	Future*
Who & What has to be Filed		X
Request for Non-Traditional Accounting		X
Timing of Filings		Revised
Review of Filing by Staff, OPC & Intervenors		X
Procedure for Notification of Change of Plan		X
Waiver Provision		X

Degree of Change: In Between

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Components to be Upgraded

- Transmission Planning
- Environmental Upgrades