



Decarbonization and Resource Adequacy

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Maintaining Reliability



The OPUC is tackling the issue of decarbonization and resource adequacy in three related ways:

- Integrated Resource Plans – EO 20-04
- General Capacity Valuation Investigation – UM 2011
- Investigation Into a State Resource Adequacy Program – UM 2143

IRPs and Decarbonization



IRPs – current mechanism used to assure resource adequacy

In response to EO 20-04, OPUC Staff has developed workplans to tackle GHG emissions reductions

Refine and enhance IRP guidelines to incorporate GHG risk and costs in utility planning

General Capacity Investigation



Focus on how to count the capacity contributions of different resource types

Important because the capacity provided by a resource determines its value to the electric system

Looks at the capacity valuation of renewables, which has an impact on how resources are compensated

Resource Adequacy Investigation



OPUC opened up a Resource Adequacy Investigation

Scope of the investigation – TBD

Initial Focus has been on whether a state RA construct is warranted

- Electric Service Suppliers may be required to participate
- Complement to regional RA program
- Backstop if there are delays in implementing the regional RA program

Useful References



OPUC General Capacity Investigation

<https://apps.puc.state.or.us/edockets/DocketNoLayout.asp?DocketID=21898>

OPUC Resource Adequacy Investigation

<https://apps.puc.state.or.us/edockets/DocketNoLayout.asp?DocketID=22698>

PUC Staff's Workplans on EO 20-04

<https://www.oregon.gov/puc/utilities/Documents/EO20-04-PUC-WorkPlan.pdf>