

Sixth Northwest Conservation & Electric Power Plan

Resource Assessment Status and Remaining Work

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Generating Resources Advisory Committee

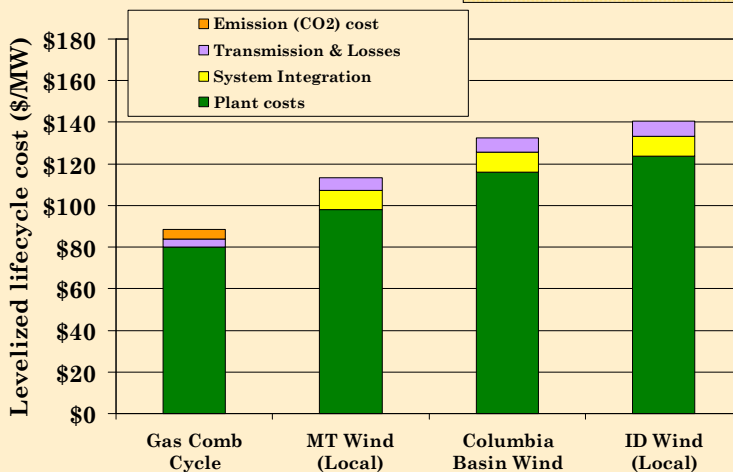
Portland, OR
December 18, 2008



December 18, 2008

Resource options 2010 Service

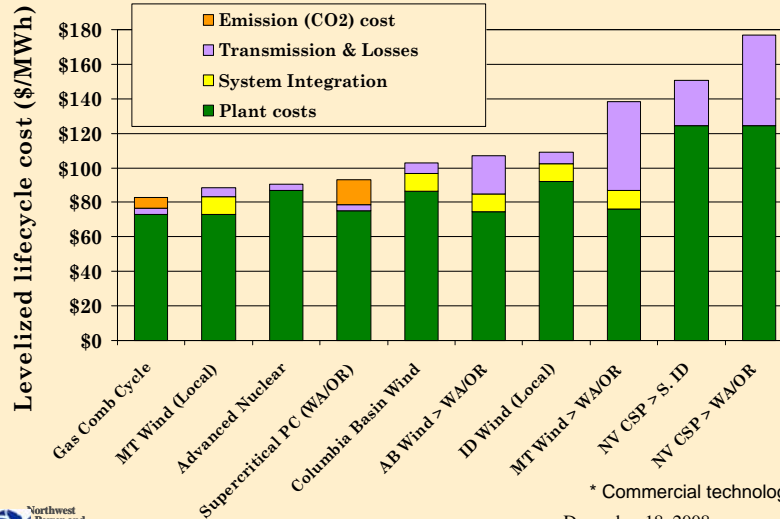
Transmission cost & losses to point of LSE wholesale delivery
No federal production tax credit for wind
Baseload operation (CC - 85%CF)
Medium NG price forecast (Proposed 6th Plan)
Bingaman/Specter safety valve CO2 cost



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Resource options, early 2020s*

Transmission cost & losses to point of LSE wholesale delivery
 No federal investment or production tax credits
 Baseload operation (CC - 85%CF, Nuc 87.5% CF, SCPC 85%)
 Medium NG and coal price forecast (Proposed 6th Plan)
 Bingham/Specter safety valve CO2 cost



* Commercial technologies

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Remaining 6th Plan resource-related work

- Complete assessments of potential "major players"
- Complete price forecast and assessment of avoided cost
- Review project financing assumptions
- Review capacity and flexibility options
- Portfolio risk assessment of "minor" renewables
- GHG policy assumptions and CO2 valuation
- Refinement of the windpower assessment
- Review portfolio risk assessment results
- Identify action items for inclusion in the action plan
- Write and review resource sections of the plan



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Proposed GRAC schedule

- Thursday January 22
 - GHG policy assumptions and CO2 valuation
 - Review of project financing assumptions
 - Remaining "potential major players"
 - Central-station solar PV
 - Coal gasification
 - Woody biomass
 - Completed price forecast and assessment of avoided cost
- Thursday February 19
- Thursday March 19 or Thursday April 16



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