

Variables

Level of Section 123 Resources	(optimize)
DSM	(optimize)
Gas Prices	(sensitivity)
CO ₂ Cost	(sensitivity)
Retire Arapahoe & Cameo	(fix)
Forecast	(fix)
RESA (not 123, not economic)	(fix)
Ownership	(sub-optimum)
Externalities	(sub-optimum)

Scenario Analysis

Exhibit A

Likely Scenarios

Assumptions:

- Base Forecast
- RESA at 850 MW
- CO₂ \$20/ton + 7%
- Base gas cost (PSCo rebuttal position)
- Arapahoe/Cam. retired

Gas Price

Sensitivity Runs

Re-price at:

- High (7% real increase)
- Low (0% real increase)

Resulting "Stacks" of portfolios, in order of NPVRR

Primary

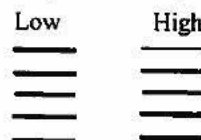
High DSM

Medium 123
~200 MW

Base Gas Price



Re-price Gas



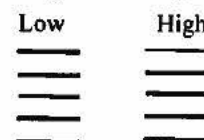
Standard DSM

Medium 123
~200 MW

Base Gas Price



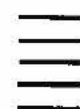
Re-price Gas



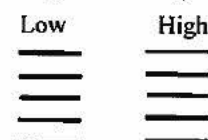
High DSM

High 123
~600 MW

Base Gas Price



Re-price Gas



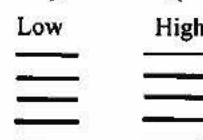
Standard DSM

High 123
~600 MW

Base Gas Price



Re-price Gas



Information PSCo and IE Provide to the Commission:

- Summary of portfolios for the top 3 – 5 positions in the stack (and results for these portfolios as they appear further down in the stack in other sensitivity runs for that scenario). Note – we want qualitative differences for these 3-5 positions, not just minor differences such as resource timing.
- Any cases containing Section 123 resources (claimed by bidders), if not included in summary to see portfolios of alternate 123 resources if more than 200/600 MW are bid.
- Any cases containing exceptional externality benefits, if not included in summary.
- [~40% and ~60%??] ownership cases, regardless of where they appear in the stack (provided in sub-optimum portfolios if not economic).
- PSCo and IE to provide their preferred cases.
- Include discussion of externality benefits for each of these cases, based on bidder's claims.
- Assess level of gas price increase above base, where portfolios change significantly.