



Draft RETI Prioritization Criteria

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For purposes of discussion, criteria have been divided into three categories:

Potential renewable projects and/or areas

- Identified by CPUC contractor and others

Projects or areas with significant commercial interest

- Identified by queue positions, interconnection agreements, studies, PPAs, etc.

CREZs





Criteria for each category have been further subdivided

Description

- Energy, capacity, variability, etc.

Cost

- Capital cost, O&M, transmission , etc.

Value

- Energy and capacity values relative to other renewable projects and CREZs





This discussion is only to identify criteria to be used to prioritize CREZs

Criteria to be used by RETI must be identified asap.

For future discussion:

- Quantification of criteria
- Identification of CREZs
- Prioritization (ranking) of CREZs





Criteria for potential projects

Project Description

- Capacity, nameplate (MW)
- Capacity, firm (MW)
- Generation variability
- Interconnection point





Criteria for potential projects (2)

Project Costs

- Installed cost (\$/MW)
- Fixed O&M (\$/MW-yr)
- Variable O&M (\$/MWh)
- Project life (years)
- Total LCOE (\$/MWh)
- Gen tie (\$/MW)
- Transmission cost (\$/MW)
- System integration cost* (\$/MW)
- **Total Levelized Costs (\$/MWh)**





Criteria for potential projects (3)

Project Value

- Energy (\$/MWh)
- Capacity (\$/MW)





Criteria for commercial projects

Project Description

- Capacity
- Firm capacity
- Generation variability
- On-line date
- Interconnection point
- Queue position; study status; IA; site control, etc.
- Developer experience
- Financing commitment





Criteria for commercial projects (2)

Project costs

- Energy price (\$/MWh)
- Contract length
- Transmission cost (\$/MW))
- System integration cost* (\$/MW)
- **Total Levelized Costs**





Criteria for commercial projects (3)

Project Value

- Energy (\$/MWh)
- Capacity (\$/MW)
- Project certainty





Criteria for CREZs

CREZ Description

- Capacity
- Firm capacity
- Generation variability
- Annual energy
- Interconnection point(s)
- Permitting issues





Criteria for CREZs (2)

CREZ Costs/Prices

- Average energy cost
- Transmission cost
- System integration costs
- **Total Levelized Costs**





Criteria for CREZs (3)

CREZ Values

- Energy
- Capacity
- Project certainty





Discussion questions

Are there other quantifiable criteria that should be included?

Are there criteria listed that cannot be quantified or should not be included?

