DOCKET

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DATE

Jun 27 2006

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Credit Requirements for Power Purchase Agreements

Fong Wan, VP Energy Procurement Pacific Gas and Electric Company

California Energy Commission Workshop

June 27, 2006

Defining Credit Risk

Possible loss associated with counterparty default



Types of Credit Risk

Payment risk

Performance risk



Performance Risk

Contract replacement

Market conditions



Mitigating Performance Risk

Collateral

Contract terms and conditions



Collateral

Offer deposit

Security during construction period

Security during operations



Offer Deposit

Risk: unreliable offer

 Mitigation: deposits upon reaching milestones for selection and approval



Security During Construction Period

Risk: delay or failure to complete

Mitigation: delay damages



Security During Operations

Risk: contract breach

- Mitigation: posting of collateral
 - Mark-to-market posting
 - Revenue-based posting



Contract Terms and Conditions

Termination

- Pre Commercial Operations Date
- Post Commercial Operations Date

