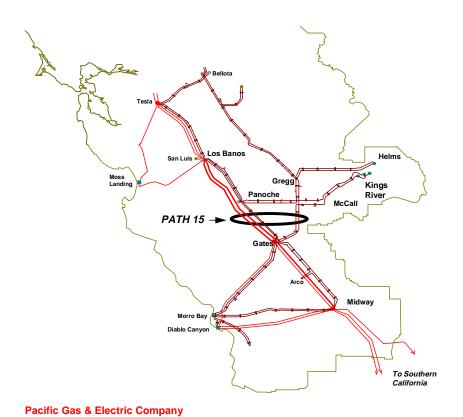
# Path 15 PG&E Stakeholders Meeting May 29, 2001



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#### Path 15 Facilities



- Los Banos-Gates 500 kV
- Los Banos-Midway 500 kV
- Gates-Panoche No. 1 230 kV
- Gates-Panoche No. 2 230 kV
- Gates-Gregg 230 kV
- Gates-McCall 230 kV

2001 Limit >> Up to 3950 MW (s-n)

PG&E is the designated path owner

05-29-2001

## **Overview**

- CPUC Filing
- Regional Planning Process
- WSCC Phase 1 Studies
- Need Studies
- Next Steps

### **CPUC Filing**

- Conditional application for CPCN filed on 4-13-2001
- Includes:
  - \* Plan of service, cost & implementation schedule
  - \* Project Need --- historical-based ISO Analysis
  - \* 1988 Environmental Assessment
- CPCN Conditioned on
  - ★ Outcome of need analyses future-based PG&E and ISO Analysis
  - \* PG&E Management and ISO approval to construct

#### Plan of Service per CPCN

- Los Banos Gates Transmission Project
  - \* New 84-mile 500 kV transmission line between Los Banos and Gates
  - \* Loop and Terminate existing Los Banos-Midway line at Gates
  - \* 230 kV Upgrades between Gates and Midway
  - \* Installation of voltage support in the area
- Cost: ~\$300 million
- Increases Path 15 rating by ~1500 MW to ~ 5400 MW
- Operating Date: October 2004

#### Regional Planning

- Announcement letter submitted to PCC and WRTA
- About 15 entities interested in forming a Regional Planning Review Group (RPRG).... However
  - \* No one interested in paying the cost of expanding the project
  - \* Most interested in the Phase 2 technical studies
- Therefore, RPRG will not be formed
- Will use assessment stakeholder meetings for distributing general project information

#### WSCC Path Rating Study

#### Purpose:

\* Evaluate plan of service and determine new path rating

#### Findings:

- Plan of service (without the 230 kV upgrade) adds 1500 MW of Path 15 capacity
- Shift of limiting outages from Los Banos South DLO to DLOs north and south of Path 15.
- \* Increased RAS (about 3000 MW) necessary for Los Banos North and Midway North DLO.
- \* RAS no longer needed for LBSDLO

#### Additional studies:

\* Reduced plan of service to support ~1000 MW path rating increase

#### **Project Need Analysis**

- Investigate whether the project is cost-justified
- Focus >> supply adequacy and congestion
- Factors considered
  - \* Multiple generation build-out scenarios
  - ★ Two project sizes: 1500 MW and ~1000 MW

## Project Implementation Schedule

<ul> <li>Complete Phase 1 and Need Analyse</li> </ul>	es June/July 2001
<ul> <li>Complete Phase 1 Comprehensive R</li> </ul>	eport June/July 2001
<ul> <li>Complete Regional Planning Report</li> </ul>	June 2001
<ul> <li>Obtain PG&amp;E Management and ISO /</li> </ul>	Approval Aug/Sep 2001
<ul> <li>CPCN Process</li> </ul>	April 2001 - Sep 2002 (or earlier)

Construction 2002 - 2004

October 2004 Operating Date

05-29-2001