

Needs for Transmission Corridors

2009 Integrated Energy Policy Report Joint IEPR/Siting Committee Workshop

Sacramento, CA

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Transmission Corridor Designation Process

- **A 12-month process to designate corridors for future use as proposed by IOUs, POUs, merchants or the CEC on its own motion.**
- **Designated corridors to be reviewed and revised by the CEC at least every 10 years.**



Purposes of the Transmission Corridor Designation Process

- **Preserve corridors to meet long-term bulk transmission needs.**
- **Improve reliability, reduce congestion, access renewables, etc.**
- **Provide a link between transmission planning and permitting.**
- **Streamline permitting.**



Purposes of the Transmission Corridor Designation Process (continued)

- **Involve local, state and federal agencies in transmission planning.**
- **Promote consistency of land use changes with future transmission line development.**



Components of the Corridor Designation Process

- **Determination of consistency of proposed corridor with the latest Strategic Transmission Investment Plan (STIP).**
- **Preparation of an environmental impact report to serve as the basis for designation of the corridor.**



Purpose of Corridor Planning Forms and Instructions

- **Gather information on utility corridor needs for inclusion in the STIP.**
 - **Reasons for corridor needs.**
 - **Circumstances under which a transmission corridor designation (TCD) would be requested.**
 - **Why a TCD wouldn't be requested.**



Corridor Planning Requests

- **#5 Discuss potential corridor needs in relation to:**

Federal corridors; renewable or economical electricity; reliability; congestion; load growth; line upgrades; sensitive lands;

Garamendi Principles; local agency plans; other issues.



Corridor Designation Requests (continued)

- **#6 If you have no plans for proposing a transmission corridor, please identify the circumstances or planning timeframes where you would opt to obtain a transmission corridor designation from the Energy Commission.**
- **#7 Please explain why you would not apply for a corridor designation.**



Corridor Designation Responses

- **Imperial Irrigation District**
- **LA Department of Water and Power**
- **San Diego Gase & Electric**
- **Southern California Edison**



Imperial Irrigation District

- **#5 IID's transmission needs are being addressed through their Transmission Expansion Project.**
- **#6 If the need arises for additional transmission lines in areas with no rights of way, IID would consider a TCD application.**



Los Angeles Department of Water and Power

- **#5 New 368 corridor designations on federal land would facilitate the Barren Ridge and Green Path North transmission projects.**



San Diego Gas & Electric

- **#5 Designate corridors:**

- Along existing 69 kV lines.
- Assume long time frames (50 years).
- Coordinated with federal corridors.

**#6 SDG&E to consider RETI
transmission needs and may
pursue joint TCD applications.**



Southern California Edison

- **#5 First priority: extend federal corridors onto non-federal lands.**
 - Increases value of federal and state processes.
 - Streamlines the permitting process.
 - Provide “turning room” to join corridors.

Eight proposed new corridors to meet state energy policy goals.



Existing & Proposed Transmission Corridors in Southern California

