



Southern California Transmission Corridor Study Proposal

Prepared in Support of the 2004 Integrated Energy Policy
Report Update Proceeding (03-IEP-01)

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Impetus for Corridor Study

- PRC §25303(3) requires the Energy Commission to assess the availability of electricity infrastructure.
- Comments by various entities for better transmission corridor planning made at previous events.



Study Goals

- To assess the availability, use, and expansion potential for existing right-of-way (ROW) (60kV and greater).
- To identify issues in expanding existing ROWs.
- To inventory unused ROWs.
- To identify future corridor needs.
- To aid in accessing wind and geothermal resources in the Tehachapi and Salton Sea areas.
- To provide system benefits.



Findings of the Legislature

Senate Bill 2431

(Stats. 1988, Ch. 1457)

1. Encourage use of existing ROW.
2. Encourage expansion of existing ROW for new infrastructure.
3. Create new ROW when justified by environmental, technical, or economic reasons.
4. Seek agreement of all interested utilities on efficient use of new transmission capacity.



Proposed Study Approach

1. For 2004, focus on S. CA, includes Tehachapi and Salton Sea regions.
2. Identify existing bulk transmission lines (≥ 60 kV) & unused ROWs in S. CA region.
3. Request participation and assistance in study from PG&E, SCE, SDG&E, IID, and LADWP.



Proposed Study Approach cont.

Information requested:

- Environmental data.
- Land use data.
- Ownership data.
- Any completed analyses that identify major constraints to corridor or ROW expansion, e.g., environmental impacts and mitigation requirements.
- Plans for corridor expansion within the study area.
- From their perspective, what the study should achieve.

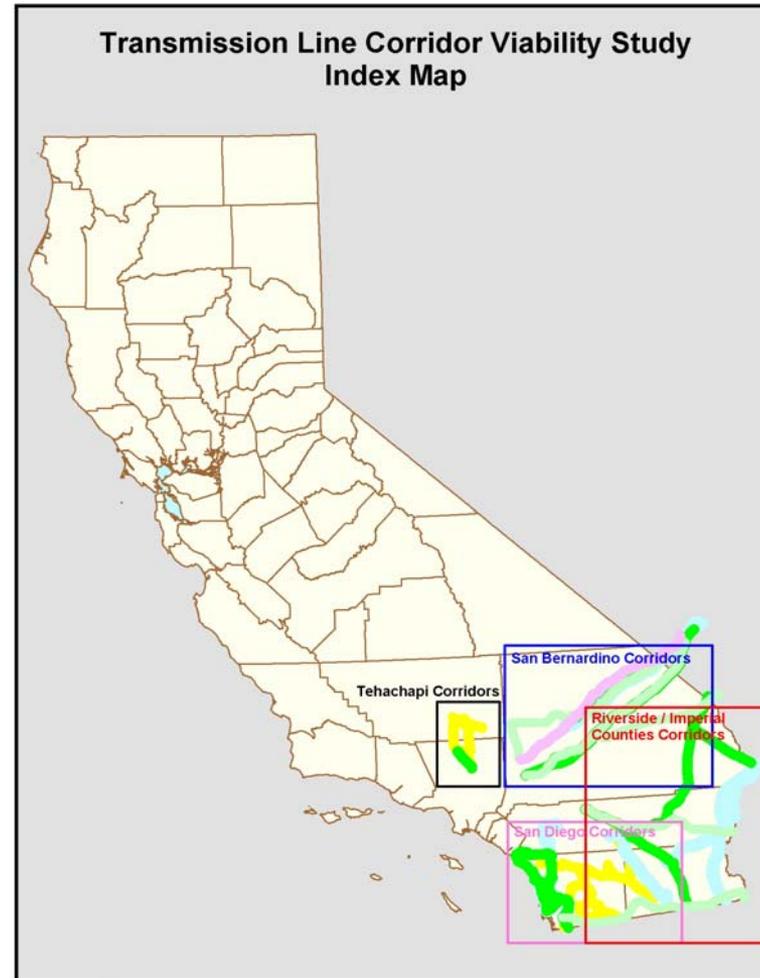


Proposed Study Approach cont.

4. Identify environmental factors to expanding existing transmission corridors at a fatal-flaw level.
 - Staff is gathering environmental (GIS) and permitting need data for existing transmission corridors and ROW.

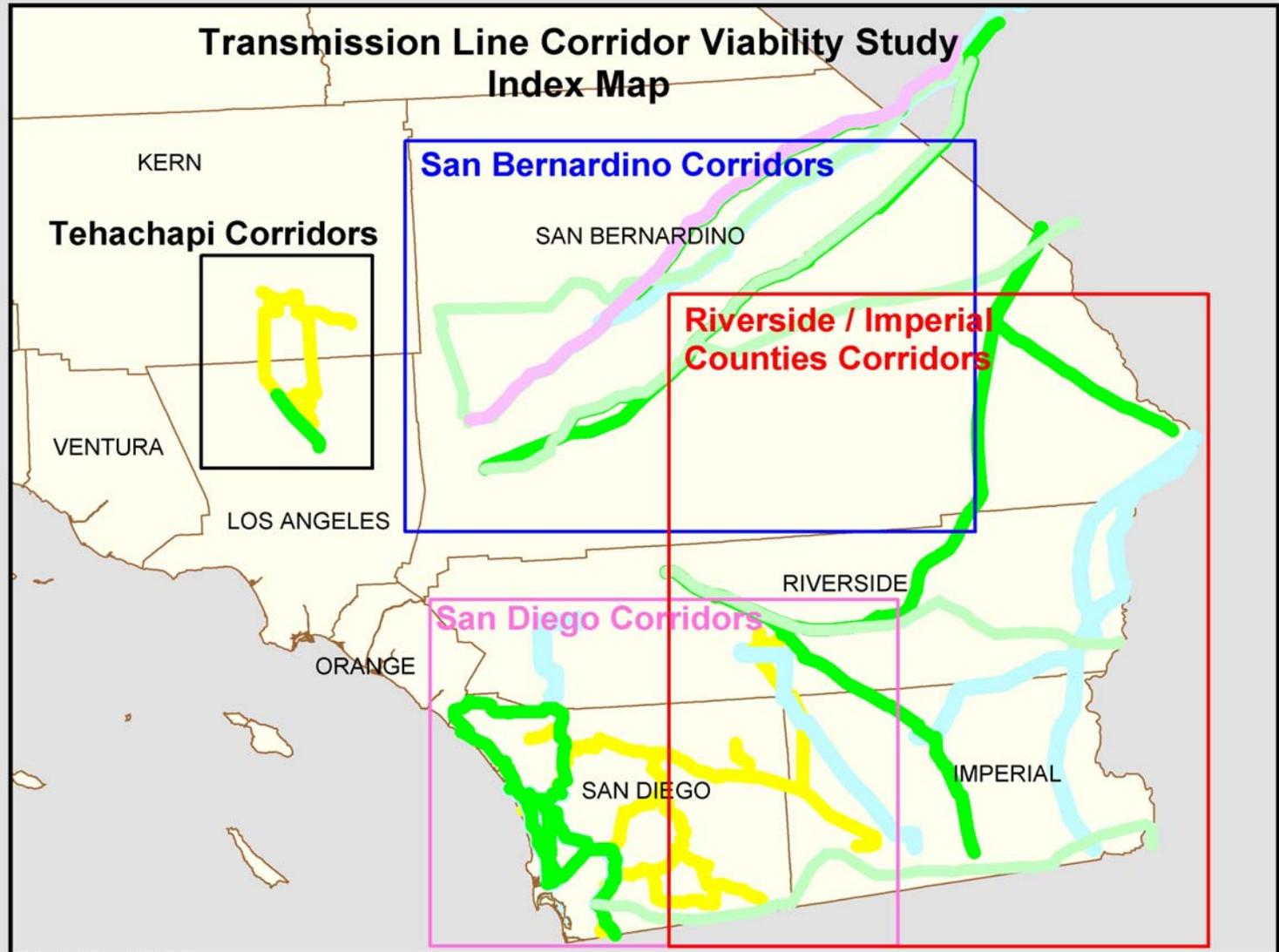


Proposed Study Area



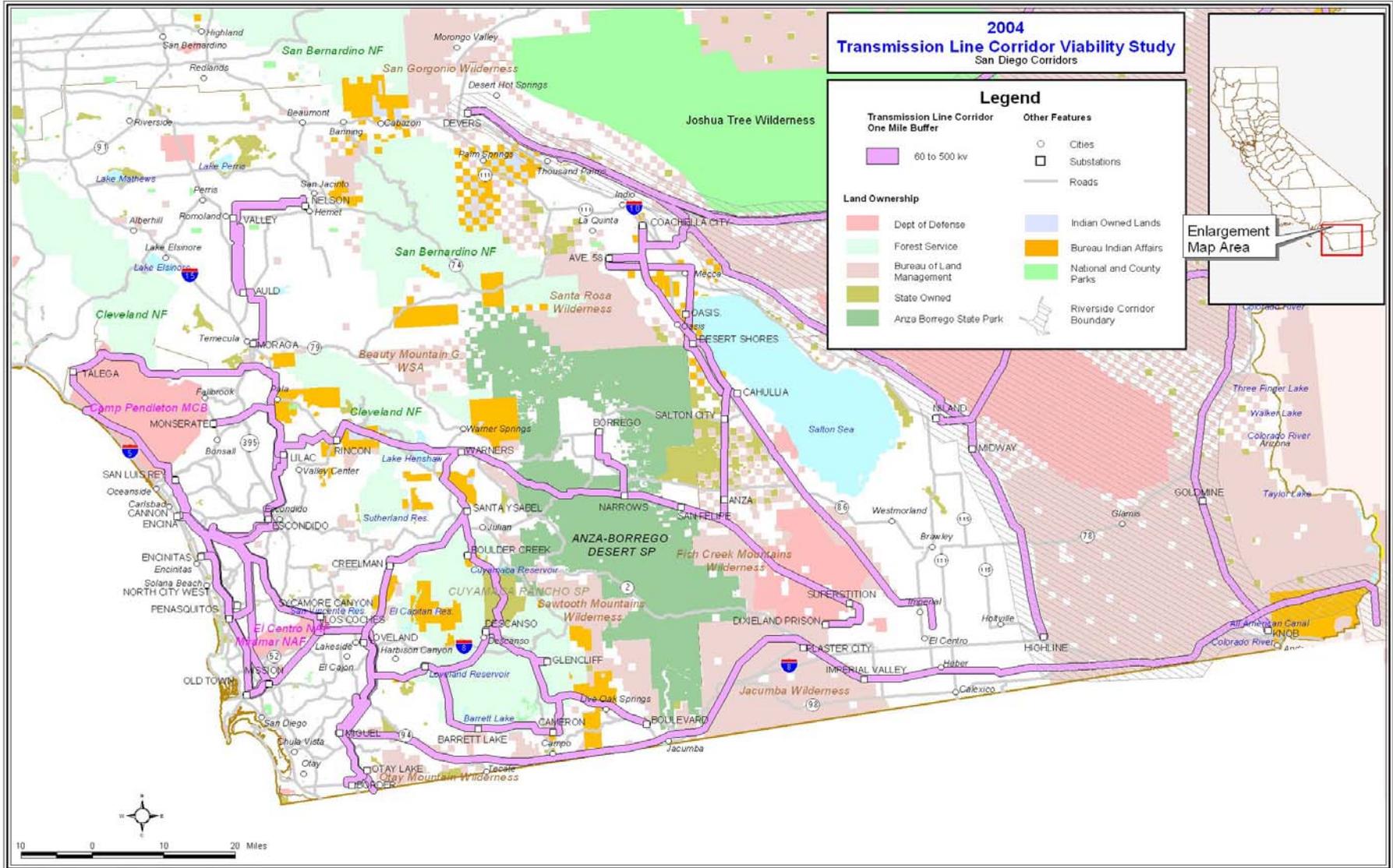


Proposed Study Area - Closer View





San Diego Corridors





Input on Study Approach

1. Which corridors should be studied in the 2004 IEPR Update?
2. What are the priority corridor needs for the next 10 years?
3. What other information that would be valuable to developers? Utilities? The Public? Others?



Input on Study Approach

4. What should be the scope of the analysis in this 2004 IEPR Update?
5. What should be the scope of the analysis in the 2005 IEPR Proceeding?



Next Steps

- Collaborate with utilities, ISO, other agencies, and the public on development and use of the information.
- Others?



Public Input

Seek input, comments, and recommendations from public on study approach and next steps on the collaborative approach.

(Please submit by May 24.)