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Coolwater-Lugo Transmission Project CPCN Update

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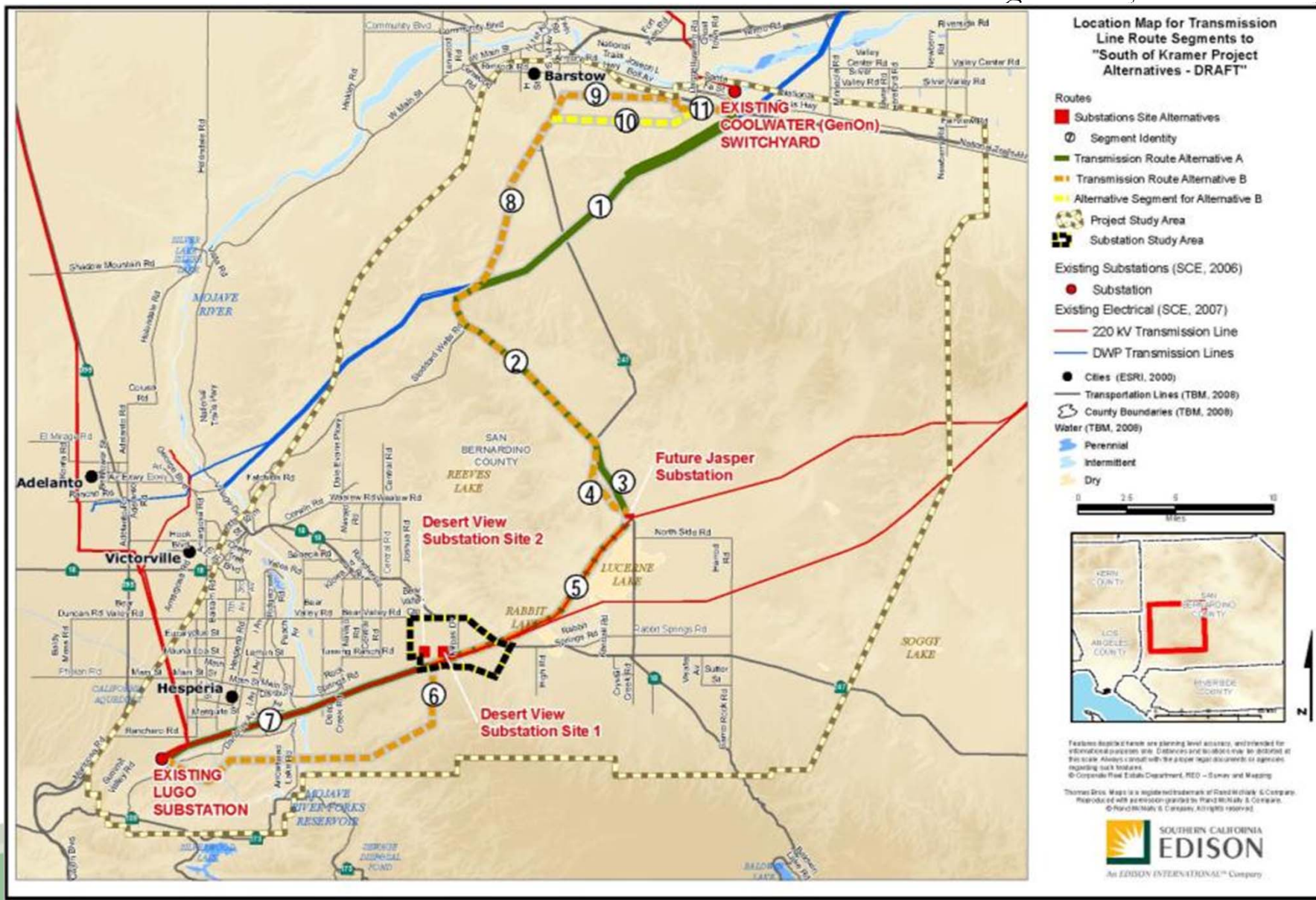
Coolwater-Lugo Transmission Project Overview

Project Purpose:

- Provide additional transmission capacity needed in the Kramer Junction and Lucerne Valley areas to support large-scale renewable generation development, to ensure system reliability, and to respond to increased electrical demand

Project Description:

- Construct approx. 35 miles of 220 kilovolt (kV) double-circuit transmission line from Coolwater Switchyard to proposed Jasper Substation on new right-of-way
- Remove 28 miles of existing Lugo-Pisgah No. 1 220 kV transmission line from Jasper Substation to Lugo Substation & replace it with
 - 12 miles of 220 kV double-circuit transmission line, and
 - 16 miles of 500 kV single-circuit transmission line (initially energized at 220 kV) on existing right-of-way identified above
- Site new future Desert View Substation east of Apple Valley
- Install a 3rd high-voltage transformer bank at SCE's Lugo Substation in Hesperia



Coolwater-Lugo – Conceptual Development Schedule / August 2013 Filing

