

Decision on Atlantic-Lincoln 115kV Transmission Project



 Gary DeShazo, Director of Regional Transmission - North



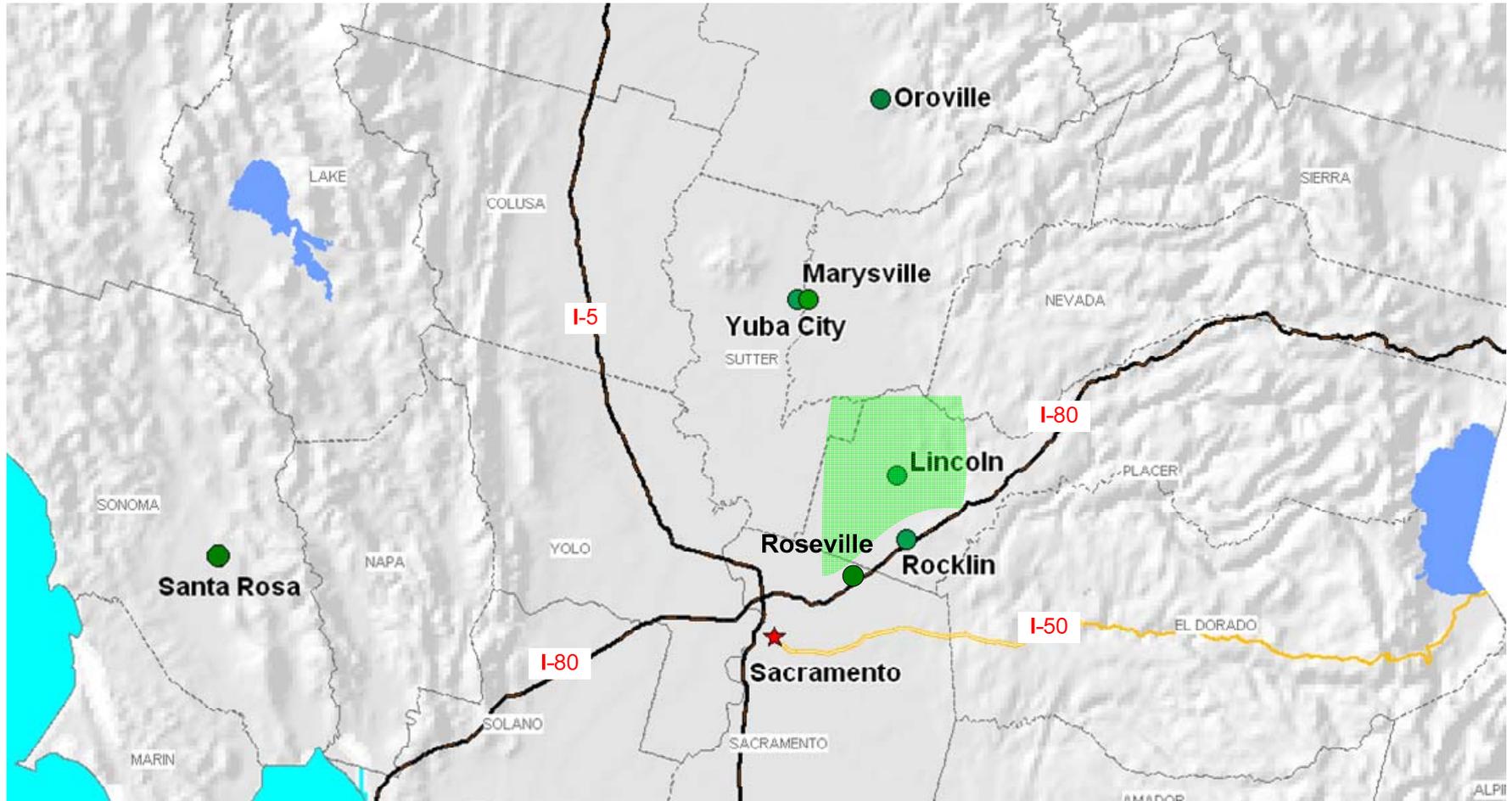
California ISO
Your Link to Power

Board of Governors Meeting
General Session
May 21-23, 2008

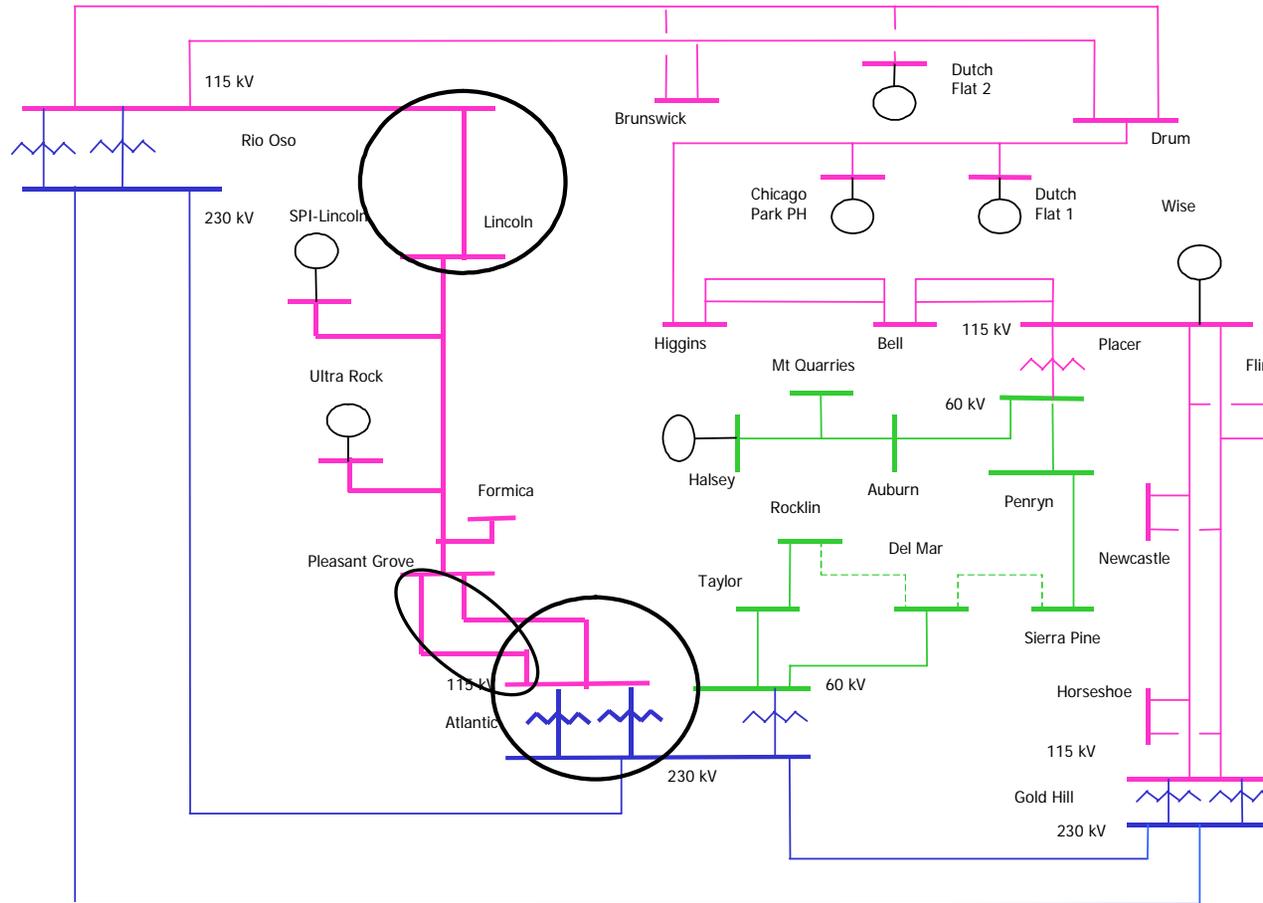
Management is requesting approval of the Atlantic-Lincoln transmission project

- 🌐 This project is needed to meet federal reliability standards
 - Standards are mandatory under the Federal Energy Regulatory Commission (“FERC”)
- 🌐 Estimated cost of \$70M
- 🌐 Composed of three components implemented in steps
- 🌐 All components need to be in-service by June 2010

The Project is located in the Rocklin-Lincoln city areas



This one-line diagram shows how the Project is integrated into the system



Atlantic – Lincoln Long Term Plan

The project area is impacted by load growth and “interconnected” system needs

- 🌐 Long-term planning investigation initiated by the ISO in 2003
- 🌐 Load growth area of 4% to 5% annually
- 🌐 Five other alternatives were assessed
- 🌐 The preferred alternative selected by the CAISO:
 - The highest load serving capability
 - Produces the required level of reliability
 - Least environmental issues
 - Can be implemented without CPCN or GO131D – therefore shortening the construction time
 - Best overall benefits (cost-technical-environmental)