



CALIFORNIA
High-Speed Rail Authority

Renewable Energy Planning

Commissioner David Hochschild, California Energy Commission

Margaret Cederoth, Sustainability Manager

Board Meeting: Agenda Item 2

January 12, 2016

Sacramento, CA



RENEWABLE ENERGY COMMITMENT

- **100% Renewable Energy For Operations**
- **Support State Climate and Renewable Energy Goals**
 - » AB 32
 - » SB 350
 - » Executive Order B-30-15



RENEWABLE ENERGY POLICY STATEMENT

- Board Adopted Policy in September 2008
- Working Closely With State Partners
- Incorporating Best Practices From The Beginning

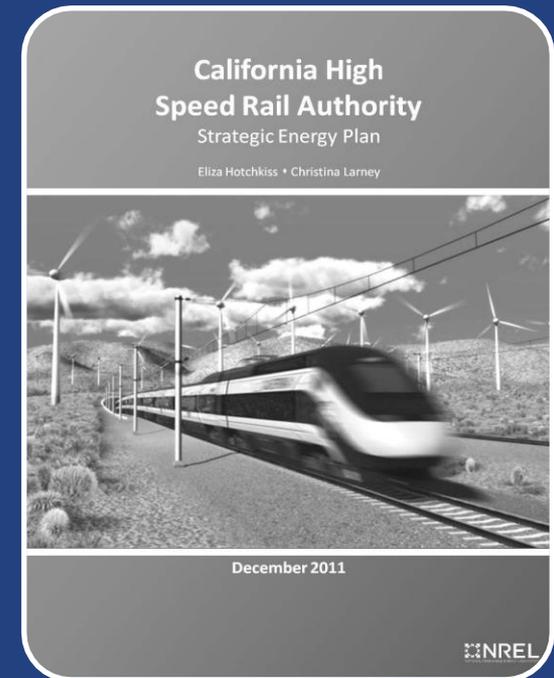
“The California High-Speed Rail Authority’s policy is to power the train with clean renewable energy, making it the first true zero-emission train in the world.”



PROGRESS ON RENEWABLE ENERGY

- **Strategic Energy Plan December 2011**
 - » Clarified Policy Statement: “Procure Or Produce”
 - » Identified Key Functional Areas Across the Organization to be Involved

- **Utility Coordination**
 - » California Independent System Operator
 - » Pacific Gas & Electric
 - » Southern California Edison
 - » Los Angeles Department of Water and Power



CONFIRMING FEASIBILITY

- **Industry and Partner Coordination Since April 2013**
 - » Confirmed Capacity and Feasibility
 - » Confirmed Pricing Assumptions Used in Business Plan
 - » Explored Impact On System Supply and Demand
 - » Engagement with Various Resource Sectors



NEXT STEPS

- **Confirm Policy Elements**
 - » Timing Of Zero-net Energy Achievement: From Beginning
 - » Time Period to meet Zero-net Energy: Annual
 - » Investigate And Confirm Feasible Locations For Production On-site: Stations
- **Finalize Policy For Board Adoption**
- **Define Procurement Implementation Timeline**

