

MEMORANDUM OF UNDERSTANDING

Between

**California Energy Resources Conservation
and Development Commission**
and the

California High Speed Rail Authority

This Memorandum of Understanding (MOU) is entered into between the California Energy Resources Conservation and Development Commission ("Energy Commission") and the California High Speed Rail Authority ("High Speed Rail Authority") (individually as "Agency" and collectively as "Agencies"). The general objectives of this MOU are to expand the use of renewable energy, zero net energy buildings, and zero emission vehicles in California.

RECITALS

WHEREAS, the Energy Commission is the state's primary energy policy and planning agency with seven core responsibilities of: forecasting future energy needs; promoting energy efficiency and conservation; supporting energy research; developing renewable energy resources; advancing alternative and renewable transportation fuels and technologies; certifying thermal power plants; and planning for and directing state response to energy emergencies;

WHEREAS, the Governor's Executive Order B-30-15 established a state policy goal to reduce California's greenhouse gas emissions to 40 percent below 1990 levels by 2030;

WHEREAS, the Global Warming Solutions Act of 2006 established a mandate to reduce California's greenhouse gas emissions to 1990 levels by 2020;

WHEREAS, the Energy Commission adopted the state policy goals of achieving zero net energy for new residential buildings by 2020 and new commercial buildings by 2030;

WHEREAS, in response to Assembly Bill (AB) 758 (Skinner, Chapter 470, Statutes of 2009), the Energy Commission adopted the policy goals of reducing energy consumption in existing residential buildings by 40 percent by 2020 and reaching zero net energy in 50 percent of California's existing commercial buildings by 2030;

WHEREAS, Senate Bill (SB) 350 (De Leon, Chapter 547, Statutes of 2015) requires California electricity retailers to produce 50 percent of their electricity from renewable sources by 2030;

WHEREAS, the Governor's Executive Order B-18-12 established a policy goal of reducing greenhouse gas emissions of state buildings by at least 10 percent by 2015 and 20 percent by 2020, measured against a 2010 baseline;

WHEREAS, the Governor's Executive Order B-16-2012 established policy goals of reaching 1.5 million Zero Emission Vehicles on California Roadways by 2025 and reducing transportation-related greenhouse gas emissions by 80 percent below 1990 levels by 2050;

WHEREAS, the High Speed Rail Authority is responsible for planning, designing, building, and operating the first high-speed rail system in the nation;

WHEREAS, the Budget Act of 2012 (SB 1029, Chapter 152, Statutes of 2012) laid the foundation for modernizing regional transportation systems and linking them to the state's high-speed rail system;

WHEREAS, the High Speed Rail Authority issued Policy Directive POLI-PLAN-03 dated August 19, 2013, which adopted a policy to implement sustainable practices to the planning, siting, designing, construction, operation and maintenance of the high-speed rail system;

WHEREAS, the objectives of the High Speed Rail Authority's sustainability policy include reinforcing a clean-energy economy through renewable energy; providing convenient station access and appropriate station interfaces to all high-speed rail station areas; designing, constructing, and operating facilities that cost-effectively achieve state and local energy and green policies; and minimizing greenhouse gas emissions;

WHEREAS, the High Speed Rail Authority is committed to powering the high-speed rail system with 100 percent renewable energy sources; minimizing greenhouse gas emissions through design and in construction; and making energy efficiency a priority in design;

WHEREAS, collaboration in research and information exchange related to greenhouse gas reduction, energy efficiency, renewable energy, and renewable transportation technologies are in the common interest of the Agencies.

NOW, THEREFORE, in consideration of the mutual benefits and representations made herein, the Agencies hereby agree as follows:

1. The **High Speed Rail Authority** will be the lead coordinating Agency in this effort to collaborate in research and information related to greenhouse gas reduction, energy efficiency, renewable energy, and renewable transportation technologies. Each Agency will provide at least one representative to serve as a primary point of contact and to attend meetings to exchange information about how to best achieve the energy efficiency and sustainability objectives.
2. The Agencies mutually express their desire to share, to the extent permissible by law, all public information required to carry out the intent of this agreement.
3. The Agencies will seek to meet at regular intervals, or as otherwise requested by the **High Speed Rail Authority**.

4. The Agencies mutually express their desire to increase cooperation related to expanding the use of renewable energy, zero net energy buildings, and zero emission vehicles, this includes electric vehicle charging and hydrogen fueling infrastructure at rail stations as well as partnering with public transit opportunities.
5. Each Agency may acknowledge the contributions of the other Agency as appropriate in publications and press releases.
6. This MOU may be amended in writing in the same manner the MOU was entered.
7. The Agencies agree that this MOU is not intended to and does not create legally binding obligations. If the Agencies later desire to enter into specific projects or commitments, they will be set forth in separate, signed agreements.
8. Nothing in this MOU authorizes or is intended to obligate the Agencies to expend, exchange, or reimburse funds, services, or supplies, or transfer or receive anything of value, or to enter into any contract, interagency agreement, or other obligation.
9. This MOU does not affect the rights and responsibilities of the Agencies regarding any loss, damage, or injury suffered by any Agency in connection with its performance of this MOU.
10. This MOU shall take effect on the date that it has been executed by the Agencies and shall continue in effect until June 30, 2020, unless terminated earlier or extended by agreement of the Agencies by amendment to the MOU.
11. Either Agency can terminate this MOU at any time without cause.
12. If during the term of this MOU any new agency desires to participate in the MOU as mutually agreed to by the Agencies, the new agency may be included by adding a new signatory in the signature page without further amendment.

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The Agencies to this Memorandum of Agreement hereby confirm and acknowledge their agreement by the following signatures:

CALIFORNIA ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT
COMMISSION

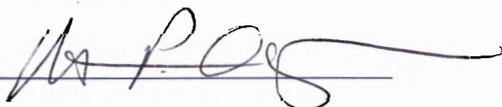
CALIFORNIA HIGH SPEED
RAIL AUTHORITY

Rob Oglesby

Jeff Morales

Executive Director

Chief Executive Officer

By: 

By: 

Date: 6-7-16

Date: April 8, 2016