



Energy Planning and Local Government Assistance

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Energy Planning and the 2006 IEPR

“The single largest **opportunity** to help California meet its statewide energy and climate change goals resides with ‘**smart growth**’. Smart growth refers to the application of specific development principles to make **prudent use of resources** and create genial, **low-impact** communities through **enlightened** design and layout.”



Energy Planning and the 2007 IEPR

“In order to reduce greenhouse gas emissions, California must begin **reversing** the current two percent annual growth rate of **vehicle miles traveled**. Increasing a community's **density** and its **accessibility** to job centers are the two most significant factors for reducing vehicle miles traveled and this will require **local and regional approaches**.”



Energy Planning and the 2008 IEPR

“A **priority** should be placed on **reactivating** the Energy Commission’s Local Agency Siting and Permit Assistance Program in order to **assist** local governments with the development of general plan transmission and energy elements and recognize the importance of statewide renewable and greenhouse gas reduction requirements and goals.”



Energy Planning and the 2009 IEPR Scoping Order

- Evaluate the impacts of state-level policy and legislative changes on local decision-making related to land use, energy consumption, and climate change.
- Examine how state-level policies, programs, and actions can assist local decision-makers in implementing and promoting energy and GHG emission efficient developments.
- Examine how local governments can contribute to energy efficient land use planning and be energy/water/resource-efficient.
- Identify the need for research activities to support implementation of SB 375 and other state land use policy goals.



Energy Planning and Sustainability Activities

Public Interest Energy Research Program

Sustainable Communities Program

Land Use and Planning
AB 118 – 2050 Vision
Forecasting

Fuels and Transportation

Efficiency and Renewables

Building Standards
Buildings and Appliances
Renewable Energy

Facility Siting
Transmission
Greenhouse Gases from Power Plants

Siting

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Intra-Agency Coordination



Local Government Assistance

- **American Recovery and Reinvestment Act (Stimulus)** – allocates \$49.6 million to the Energy Commission for distribution to small cities and counties as well as \$275.6 million for energy efficiency and renewable energy programs
- **AB 118** – allocates \$118 million per year for seven years to the Energy Commission for distribution to eligible public and private entities for innovative fuel and vehicle RD&D



Local Government Assistance

- **Bright Schools Programs** - helps public K-12 school districts and non-profit schools identify cost effective energy efficient projects.
- **Energy Efficiency Financing Program** – provides low interest loans to schools, hospitals, and local governments for feasibility studies and the installation of energy saving measures.
- **Energy Partnership Program** – helps cities, counties, and special districts to save energy cost.



Local Government Assistance

- **PIER Industrial/Agricultural/Water End-Use Energy Efficiency Programs** – seeks to improve energy efficiency and research, develop, and deploy higher quality and reliable energy technologies.
- **SANDAG Energy Partnership Project** – assist in the development of energy planning tools to meet mutual state and regional goals.
- **Energy Aware Planning Guide** – assists local governments with General Plan development with ideas, opportunities, and important information.



Local Government Assistance

- **Land Entitlement Process and Incentives for Sustainable Communities** – describes the land entitlement process in detail and identifies incentives to encourage sustainability in real estate development.
- **Energy Efficient Community Development Research Project** – creates planning and modeling tools to help develop sustainable communities.
- **I-PLACE³S Energy Module** – estimates and analyzes the overall energy consumption and emissions of various building types, distributed generation technologies, energy efficiency measures, and development scenarios.