

Oct. 8, 2012

DRAFT ENERGY AND ENVIRONMENT GOALS AND POLICIES

These goals and policies combine portions of Goals 6, 11 and 13

VISION (Although this is in the CHPS action area, the Healthy Ecosystems vision statement also has elements of this topic)



We are good stewards of our environment. Our urban forest, natural areas and watersheds are valued and cared for as essential environmental, economic, and cultural assets. We effectively balance today's community needs with the need to preserve clean air, water and land resources for future generations. The built environment is designed to protect, enhance and be integrated with natural systems.



Our community is a safe place to live and supports lifelong active and healthy living. We have excellent public safety response systems that work together with an involved community to ensure peace and safety. There are opportunities for active lifestyles and to obtain locally grown food that promotes the health and social interaction of our residents.

Goal (11 & 13): Energy

Goal 11 — Public Facilities and Services

BACKGROUND

Statewide Planning Goal 11: Public Facilities and Services

"To plan and develop a timely, orderly and efficient arrangement of public facilities and services to serve as a framework for urban and rural development."

Section 5 Administrative and Government Services, Energy, Communications, & Schools

GOALS & POLICIES

GOAL

The City shall ensure the availability of administrative and general government services and shall coordinate with efforts of others to provide schools energy and communication services are available to all development.

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Energy Draft Goals & Policies

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POLICIES

- ~~1. Ensure administrative and general government services are adequate to support the delivery of public facilities and services to the community.~~
- ~~2.1. Require energy and communication utilities to be provided to all development.~~
- ~~3.2. Require developers to establish, and ensure the preservation of easements necessary, to provide energy and communication services.
Require new energy and communication utilities to be placed underground where practical.~~
4. Remove barriers to implementation of ~~new energy distribution systems, as these delivery and storage technologies become available.~~
- ~~5. Review all residential development proposals for potential impacts on the school system including the adequacy of existing schools and the need for new facilities.~~
- ~~6. Require safe and accessible transportation routes to schools.~~

GOAL 13: ENERGY CONSERVATION

BACKGROUND

Statewide Planning Goal 13:

"Land and uses developed on the land shall be managed and controlled so as to maximize the conservation of all forms of energy, based on sound economic principles."

GOALS & POLICIES

GOAL

~~The City shall conserve energy~~ Reduce greenhouse gas emissions and energy consumption throughout the community to reduce energy costs and -the social, economic, and environmental effects of global warming climate change.

POLICIES

1. Promote energy efficiency and renewable energy improvements to increase Lake Oswego's long-term affordability and resiliency.
- ~~2. Reduce the City's overall energy consumption.
Promote the use of renewable energy sources.~~
3. Reduce ~~transportation~~ energy consumption and carbon emissions by the following: ~~related to transportation by promoting a reduction in vehicle miles traveled through the use of alternative transportation.~~

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- a. Implement transportation strategies in the Connected Community policies to reduce local greenhouse gas emissions from light vehicle travel;
- b. Increase mass transit, bicycle and pedestrian opportunities to reduce vehicle miles traveled;
- c. Develop infrastructure to support renewable, less carbon-intensive and least toxic fuels.
- 4. Adapt the transportation system to strengthen resilience to changes in climate, increases in fossil fuel prices, and economic fluctuations.
- 5. Promote compact development, rehabilitation of existing buildings and energy and water efficiencies in Employment Centers, Town Centers and Neighborhood Villages.
- 6. Promote energy-efficient land use and circulation patterns through mixed-use development in Employment Centers, Town Centers and Neighborhood Villages that are well served by transportation options.
- 7. Promote energy efficiency and renewable energy use through site planning for all types of development including residential subdivisions, multi-family, commercial and industrial projects.
- 8. Require solar orientation for subdivision and partition layout, encourage planned unit developments and clustering, encourage appropriate landscape materials to reduce solar impact in the summer, minimize winter heat loss and buffer against prevailing wind sources.
- 9. Protect solar access to use natural heating and lighting opportunities.
- 10. Implement and enforce state energy codes through the building permit review process. ~~E-and-encourage~~ development to achieve energy efficiencies beyond state codes.
- 11. Encourage the community to reduce greenhouse gas emissions from materials flows (foods, goods and services consumed in Lake Oswego).
- ~~10.~~ 12. Improve the community's resilience to climate change impacts through well-designed, flexible and strong infrastructure.
- ~~11.~~ 13. Utilize full life-cycle cost analysis for -new public buildings, and endeavor to -meet the Living Building Challenge (achieve zero net energy and water consumption, and produce no wastes or toxics).

Comment [BSA1]: The solar policies need additional review; these are the existing policies.

Comment [BSA2]: The SAB is currently working on a green building policy as part of its work plan. The efforts should be consistent.