

# ENERGY

**VISION: Corvallis has achieved energy security and net zero greenhouse gas emissions.**

**Goal 1: By 2025, Corvallis will reduce per capita consumption of energy in the built environment by greater than 50% using energy efficiency and conservation.**

**Strategy 1:** Assist residents in implementing conservation and efficiency upgrades as recommended from home energy audits.

**Action 1:** *Market* (through web, local media, local events, quarterly gatherings, etc.) the efficacy of conservation and efficiency as a priority toward energy sustainability. Broadly disseminate information about conservation and efficiency upgrades, highlight particularly successful projects, and support continued efforts.

**Action 2:** *Contact* citizens to arrange energy audits for 100% of homes and businesses and serve as partners/advisors for citizens during energy audits.

**Action 3:** *Assist* residents in implementing audit recommendations.

**Strategy 2:** Ensure professional conservation and efficiency installation capability to meet demand.

**Action 1:** *Increase* technical training for contractors to ensure awareness of the most cost-effective conservation and efficiency upgrades as well as supporting financial incentives.

**Action 2:** *Provide* communication guidance for contractors to ensure they are informing customers of the most cost-effective conservation and efficiency upgrades.

**Action 3:** *Implement* quality control through customer feedback and contractor training to ensure conservation and efficiency upgrades are being installed to the highest technical and professional standards necessary to achieve actual energy savings.

**Strategy 3:** Provide incentives for new/existing construction to meet net zero energy criteria.

**Action 1:** *Establish* criteria for net zero energy/sustainable building practices.

**Action 2:** *Work* with City, County, and State to create incentives through property tax reductions to achieve net zero building energy use.

**Action 3:** *Investigate/develop* additional incentives to support achieving net zero energy use in buildings (e.g., work with Energy Trust of Oregon).

**Goal 2: By 2025, all energy utilized in Corvallis will be 100% renewable.**

**Strategy 1:** Support the installation of locally owned renewable energy generation in and around Corvallis.

**Action 1:** *Develop* financial incentives to encourage the installation of renewable energy generation on local properties (e.g., rooftop PV).

**Action 2:** For all new residential construction, *require* compliance with portions of adopted sustainable building standards that specify renewable energy production readiness.

**Action 3:** *Facilitate* local ownership of large, cooperative, off-site installations (e.g., cooperative ownership of a large PV array located outside City limits).

**Goal 2:** (continued)

**Strategy 2:** Ensure that all energy streams being imported to Corvallis are renewable.

**Action 1:** *Expand* access to and purchasing of renewable electricity, like Pacific Power's Blue Sky program.

**Action 2:** *Expand* access to and purchasing of renewable liquid fuels (e.g., work with Sequential and other regional biofuel producers and distributors).

**Action 3:** *Expand* access to and purchasing of renewable gaseous fuels.

**Strategy 3:** Identify and develop local potential for renewable energy production.

**Action 1:** *Investigate* local potential for wind, wave, and hydropower (conventional and in-stream).

**Action 2:** *Investigate* local potential for biological sources of energy production (e.g., biomass, biofuels, biogas, etc.).

**Action 3:** *Collaborate* with OSU to commercialize renewable energy technology locally, to support local renewable energy production and job creation.

**Goal 3:** By 2030, Corvallis will eliminate net greenhouse gas emissions from energy use.

**Strategy 1:** Monitor greenhouse gas emissions to establish a baseline and monitor progress.

**Action 1:** *Facilitate* research and development of accurate and reliable tracking methods (collaborate with OSU).

**Action 2:** *Track and report* (annually) net greenhouse gas emissions from Corvallis.

**Strategy 2:** Adjust energy costs to reflect GHG emissions and use revenues to fund GHG elimination efforts.

**Action 1:** *Adopt* Corvallis surcharges on fossil energy utilization that reflect the true costs, including impacts to the environment and human health.

**Action 2:** *Establish* grant programs to fund greenhouse gas mitigation projects using funds raised through energy surcharges.

**Strategy 3:** Mitigate greenhouse gas emissions through local land use and management.

**Action 1:** *Develop* a list of best management practices for small land owners and homeowners to implement in order to achieve greenhouse gas mitigation (e.g., planting trees, garden and lawn management, etc.).

**Action 2:** *Increase* local conservation areas (greenbelts and native grasslands).

**Action 3:** *Facilitate* the development and implementation of local forestry and agricultural practices that improve greenhouse gas mitigation capacity (e.g., alternative tillage and cropping practices, selective thinning, etc.).