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: Share with area contractors information about training opportunities from Energy Trust of Oregon and other qualified training providers.

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

Action 1: Work with local building authorities to adopt and implement criteria for net zero energy/sustainable building practices.
Action 2: *Work* with City, County, and State to implement incentives (such as 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 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: Promote purchasing of renewable electricity, like Pacific Power's Blue Sky program.

Action 2: Promote purchasing of renewable liquid and gaseous fuels (e.g., work with Sequential, NW Natural and other regional biofuel producers and distributors).

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

Action 1: *Investigate* local potential for biological sources of energy production (e.g., biomass, biofuels, biogas, etc.).

Action 2: *Collaborate* with OSU and other organizations to implement innovative 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.).