



February 4, 2016

Board of County Commissioners
 Clackamas County

Members of the Board:

Approval of Resolution Adopting a County Energy Policy and Goals

Purpose/Outcomes	Establishes principles and goals for the County's management of energy costs and use, including a reduction of energy use by 5% from 2014 levels by 2020 and directs staff to take action accordingly. The policy will support Facilities implementation of activities aligned with department-level and BCC Strategic Plans, including generating energy savings in a target number of buildings each year. It will also allow the Energy Team and Administration to consider and propose administrative policies to curb wasted energy.
Dollar Amount and Fiscal Impact	There is no immediate fiscal impact to adopting the policy. Achieving the goal would continue the County's record of generating cumulative savings (an additional \$83,000 saved/year in 2020 and each subsequent year).
Funding Source	No funding is required for the policy. Other elements of our Strategic Energy Management framework require some staff commitment which will be incorporated in upcoming policy-level budget proposals.
Duration	Effective immediately and lasting until repealed or revised.
Previous Board Action	The Board reviewed the policy and resolution in a policy session on December 8, 2015 and directed staff to place this on a business meeting agenda as revised.
Strategic Plan Alignment	1. Build public trust through good government 2. Reduce energy use in County buildings
Contact Person	Eli Seely, Strategic Energy Fellow – 503-742-4460

BACKGROUND: The County Energy Team, Resource Conservation & Solid Waste Program (DTD), Facilities Management (Finance), and County Administration request approval of a resolution adopting a County energy policy and goals. This policy will set a goal to reduce energy use in County facilities 5% from 2014 levels no later than 2020. It defines the principles to be followed in pursuing that goal and establishes an Energy Team to pursue it.

County Counsel has reviewed and approved this item for consideration. The policy would take effect immediately, and last until the Board chooses to repeal or revise it.

RECOMMENDATION:

Staff respectfully recommends the Board approve the attached policy.

Respectfully submitted,

Laurel Butman
 Deputy Administrator
 County Administration

Eben Polk
 Resource Conservation
 & Solid Waste, DTD

Jeff Jorgensen
 Facilities Management
 Finance

WHEREAS, Clackamas County is committed to good governance and the judicious use of taxpayer funds; and

WHEREAS, since 2007, the County has pursued a variety of energy efficiency projects which have resulted in energy use reductions totaling 5.7% annually and a cumulative savings of \$2.9 million; and

WHEREAS the County intends to deliberately and systematically pursue further energy savings;

NOW, THEREFORE, the Clackamas County Board of Commissioners do hereby resolve:

1. To adopt the energy policy and goals contained in the attachment
2. To direct County staff to undertake the activities described in the attachment in order to accomplish said goals

Dated this ____ day of _____, 2015

CLACKAMAS COUNTY BOARD OF COMMISSIONERS

Chair

Recording Secretary



Energy Management Energy Policy & Goals	POLICY: Energy DATE: 1/27/2016 REVISION: 1.0 REVIEW: Annual Approved BCC: TBD Board Agenda #: TBD
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Clackamas County Energy Policy and Goals

Purpose

Clackamas County's energy policy is intended to promote and sustain the fiscally and environmentally responsible use of energy in accomplishing the County's mission to serve the public. It adopts strategic energy management to incorporate the goal of improved energy efficiency into the County's planning and operational decisions. Efficient use of electricity, natural gas, and fuel throughout County operations will minimize costs and increase resources available for serving the public, helping to build public trust, maintain strong infrastructure, and reduce wasted natural resources.

Energy Goals

- Reduce energy consumption in County facilities by 5% from 2014 baseline by 2020.
- By 2017, establish a benchmark that ensures that new construction and major renovations result in buildings that exceed code-required energy performance by a minimum percentage to be determined.
- By 2019, set a goal for increasing use of renewable energy, through purchasing or on-site generation.

Guiding Principles

The County will:

- Take a whole-organization approach to improving energy efficiency.
- Maintain and use buildings efficiently, integrating energy efficiency into decision-making for operations, maintenance, and occupancy, including facilities and other long-term plans.
- Build, purchase, and/or remodel buildings and equipment to ensure high energy performance by including energy use and total cost to own and operate as a criterion during design and acquisition decisions.
- Engage County employees at all levels to create a culture of energy conservation.
- Invest in energy management projects and programs that yield a positive return, and reinvest a portion of those returns in further savings.
- Identify and draw on outside financial incentives, rebates, grants, and technical expertise.
- Establish energy use goals and adopt and maintain an action plan to achieve continuous improvement.
- Monitor and report progress using standardized performance indicators.

Performance Metrics

Energy consumption will be tracked with the following metrics, which the energy team may modify as necessary:

- Total energy consumption by building and countywide
- Energy consumption per square foot
- Total cost of energy and annual savings
- Building energy use benchmarked against similar buildings

Energy Team

At the discretion of County Administration, department leaders or their direct reporting representatives shall participate on a County energy team. This team shall meet no less than quarterly in order to manage and implement the energy action plan, identify and prioritize opportunities for action, monitor and report on energy use, and suggest revisions to this policy. Members of the team will lead efforts to identify and evaluate the feasibility and operational implications of energy-saving opportunities in their respective areas of expertise.

The team may recommend projects and programs in four areas: Behavior change, operations and maintenance practices, procurement policies and standards, and capital projects. They may also recommend administrative policies for the consideration of the County Administrator. When evaluating which projects and programs to pursue and/or recommend, the team shall consider:

- Total impact on energy consumption
- Return on investment/payback time
- Feasibility
- Impact on employee comfort, safety, and wellness
- Minimizing disruption to operations and maintaining high quality service
- Alignment with long-term plans