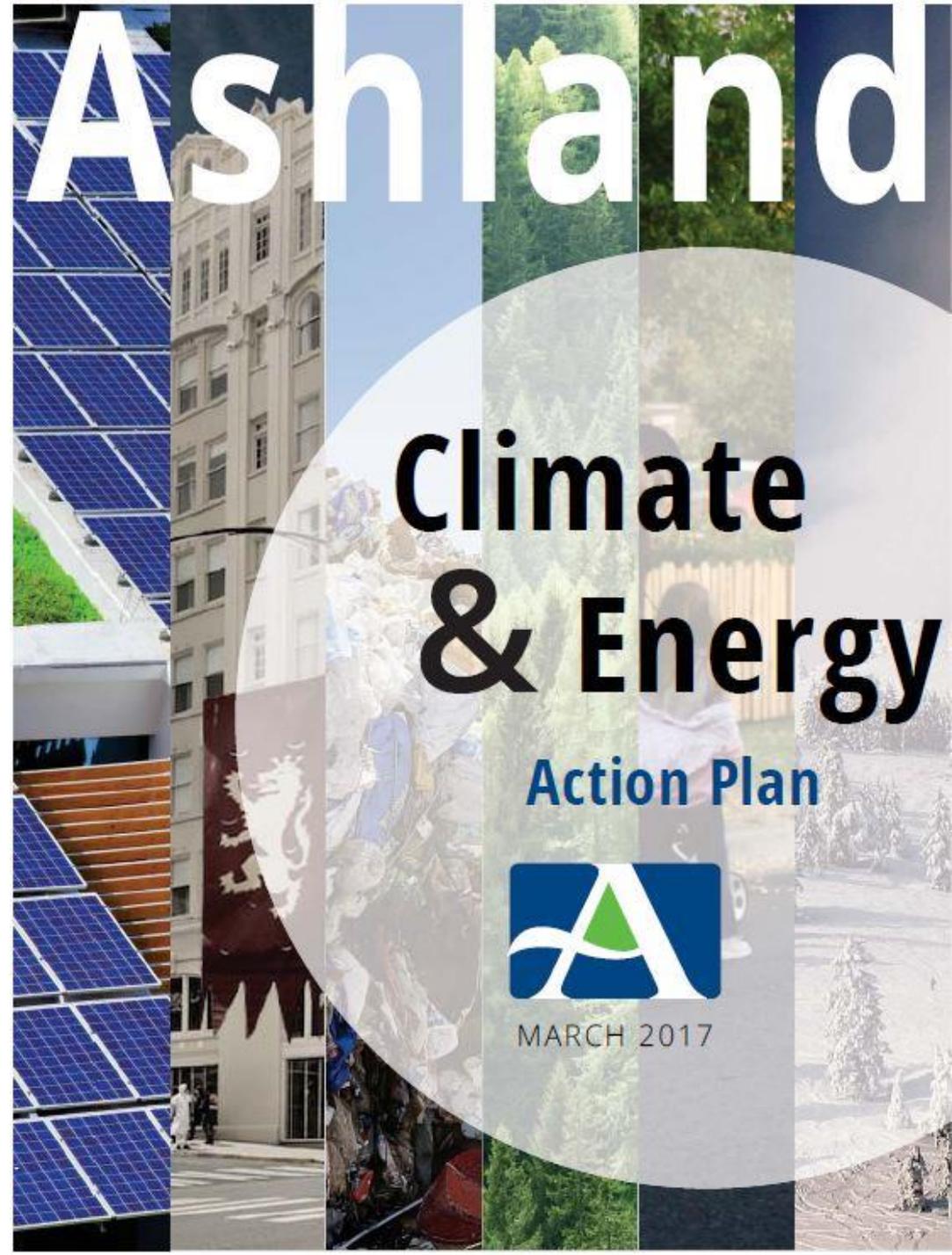


Guidance for Setting Renewable Energy Goals

June 27, 2018

Adam Hanks, City of Ashland



Ashland

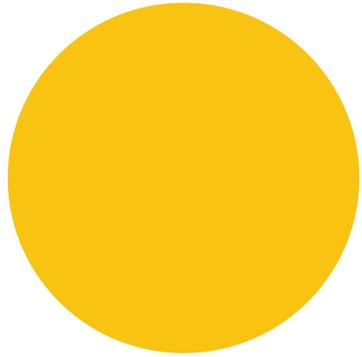
Climate & Energy

Action Plan

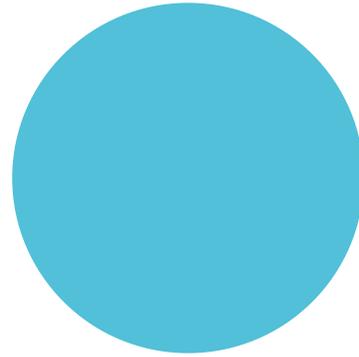


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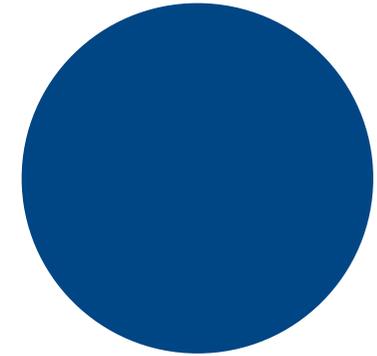
Guiding principles



Build on
efforts
to date



Equity and
co-benefits



Beginning of
ongoing process;
Everyone has
a role



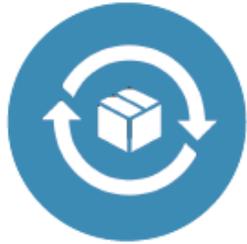
Focus Areas



**Buildings
& Energy**



**Urban Form,
Land Use &
Transportation**



**Consumption
& Materials
Management**



**Natural
Systems**



**Public Health,
Safety &
Security**



**Cross-Cutting
Strategies**

Sample Plan Actions

BUILDINGS + ENERGY

SCOPE / TYPE

Strategy BE-1. Support cleaner energy sources

BE-1-1. Develop a comprehensive plan for the Municipal Electric Utility.	C	Mi
BE-1-2. Promote switching to low and non-carbon fuels.	C	Mi
BE-1-3. Facilitate and encourage solar energy production.	C	Mi/Ad
BE-1-4. Enhance production of on-site solar energy from City facilities.	M	Mi/Ad

Strategy BE-2. Encourage increased building energy efficiency and conservation.

BE-2-1. Expand participation in energy efficiency programs & promote climate-friendly building/construction.	C	Mi/Ad
BE-2-2. Require building energy scores to identify and incentivize cost-effective energy efficiency improvements.	C	Mi/Ad
BE-2-3. Identify and adopt strategies to reduce energy efficiency barriers in rent/lease properties.	C	Mi/Ad
BE-2-4. Establish minimum energy efficiency standards for the affordable housing program.	C	Mi/Ad

Strategy BE-3. Maximize efficiency of City facilities, equipment & operations.

BE-3-1. Use results from City Facilities Energy Audit to prioritize Capital Improvement Plans (CIPs) & maintenance improvements.	M	Mi
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Strategy BE-4. Improve demand management.

BE-4-1. Expand the current net meter resolution to include and incorporate virtual net metering.	C	Mi
BE-4-2. Implement utility-level smart grid technologies to facilitate efficiency and distributed energy solutions.	C	Mi

Strategy BE-5. Prepare and adapt buildings for a changing climate.

BE-5-1. Encourage heat-tolerant building approaches such as cool roofs and passive cooling.	C	Mi/Ad
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Climate and Energy Action Goal

8% carbon reduction annually to reach science based target of Ashland's per capita share to achieve 350 ppm of total atmospheric GHG by 2100

“10 by 20” Ordinance

Citizen petition initiative that requires the City to cause 10% of total community electric consumption to be produced from NEW, CLEAN and LOCAL resources by 2020

Steps Taken to Date

- Environmental Review of Potential Site for 10-12 MW
- Wholesale Contract Review (BPA)
- Rate Model Scenario Planning for new wholesale inputs
- Development of Alternatives to Single Project Solution
 - Solar Assessments of all City Facilities
 - Implementation of Virtual Net Metering

Next Steps

- Present Rate Modeling Results to City Council
- Receive Direction on Desired Next Steps
 - 10-12 MW Single Site Project RFP (PPA)
 - 1 MW Utility Owned Project
 - Master Plan for City Facilities Solar Installations
 - Revisions to Ordinance to More Accurately Resemble an Achievable Renewable Energy Goal

Thank you!

Questions?

ONLINE

Review Plan and outreach materials at
www.Ashland.or.us/climateplan

Current City Conservation Programs
www.Ashland.or.us/conserv

EMAIL

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