

UNPLUG & RECONNECT












Today's Objectives



- Provide an overview of Wattsmart Communities and Sandy's planning process
- Review Sandy's Energy Action Plan



Wattsmart Team

Sandy City		Rocky Mountain Power		Wattsmart Community Facilitators	
					
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Wattsmart Communities

Your Community, Your Plan

Wattsmart Communities is a **facilitated, data-driven planning process** that empowers your community to **plan for** and **achieve energy goals**.



PLANNING PROCESS

Planning Process



Community Survey: Invitation for community members to share their energy vision for Sandy



Stakeholder Workshop 1: Baseline, visioning, and goal setting



Stakeholder Workshop 2: Strategy brainstorm



Stakeholder Workshop 3: Action planning



Plan Development: Documenting stakeholder and community input in an actionable plan

Energy Planning Team



- Residents
- City Council
- City Staff
- Utah Clean Cities
- Utah Transit Authority
- Metropolitan Water District
- Intermountain Healthcare
- Canyon School District
- Salt Lake Community College
- Salt Lake County
- Dominion Energy
- Rocky Mountain Power



ENERGY ACTION PLAN

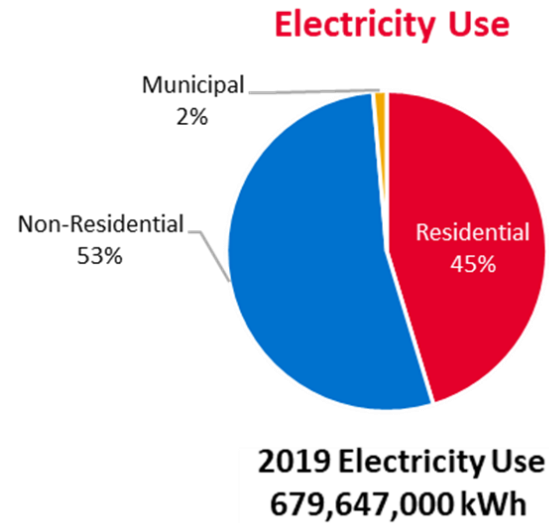
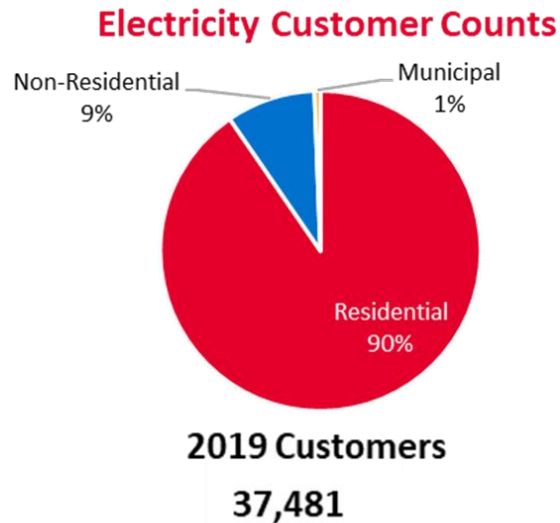
Energy Action Plan Overview

Executive Summary	• Standalone, shareable
Decide to Thrive	• Background, planning process
Where We Are Now	• Energy baseline, current initiatives
Where We Are Going	• Vision, goals, focus areas
Course of Action	• Implementation plan, tracking progress
How We Stay On Course	• Implementation support



Where Are We Now?

In 2019, Sandy City customers spent an estimated **\$66 million** in billed electric energy costs.



Sandy's Energy Vision



Sandy City is committed to protecting the environment and enhancing our quality of life through affordable, innovative, and accessible energy programs, transportation options, and smart mobility opportunities to create a resilient and sustainable community.



Anticipated Plan Impact in 2023



• Leveraged energy efficiency improvements will increase **utility cost savings by \$722,000** above the 2019 baseline savings of \$695,000.



• About **27%** of the electric energy used in Sandy City will come from **renewable energy** sources up from 22% in 2019.



• Avoid air-polluting greenhouse gas emissions equivalent to taking **27,000 cars off the road** will be realized as compared to the 2019 baseline.



• Approximately **101 public EV chargers** available in Sandy City up from 86 stations in 2019.



Focus Areas



Municipal

City Facilities

City Operations

Employee Education



Community Partners

Schools

Nonprofits

Businesses



Residents

Resident Education

Multifamily Properties

Electric Vehicles





Municipal

- **Targets**

- Maintain municipal participation in energy efficiency and renewable energy offerings at 2019 levels, with about 1.5 million kWh in combined impact.
- Develop a fleet electrification plan by 2023.

- **Strategies**

- Hire an Energy Project Manager.
- Leverage incentives to fund municipal energy improvements.
- Develop a recommissioning schedule for municipal facilities.
- Continue energy improvements in water distribution system.
- Celebrate City successes.
- Identify resources to support development of a fleet electrification plan.





Community Partners

- Targets
 - Increase business participation in energy efficiency and renewable energy offerings to 6% of total business electric energy use - up from 5.4% in 2019.
 - Encourage installation of 5 new public EV charging stations each year at local businesses.
- Strategies
 - Launch a business energy efficiency, electric vehicle, and renewable energy outreach campaign.
 - Develop a business resource library.





Residents

- Targets
 - Design quarterly education and outreach campaigns to educate residents on sustainable energy issues.
 - Encourage 5,000 residents to take action - up from 4,100 residents in 2019.
- Strategies
 - Update City website with energy resources.
 - Conduct a residential energy outreach campaign.



Strategy Workplans

Each plan strategy includes:

- Detailed action steps
- Roles and responsibilities
- Required resources
- Measures for tracking impact
- Timeline



Photo of team near table, Nov. 5, 2019. (Pexels/fauxels)

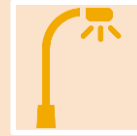


Net Benefits

Implementation Resources Needed

- Hiring of an energy manager (co-funded by RMP)
- Utility incentives to lower payback on capital projects
- Staff time to implement strategies
- Potential budget request for business program
- Modest hard costs for outreach campaigns

Benefits



Show the City leading by example



Measurable utility savings to homes and businesses



Avoided air pollutants and greenhouse gas emissions



SUSTAINABLE
SANDY 360°

