



**UTAH
CLEAN
ENERGY**

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RENEWABLE ENERGY
PROGRAM MANAGER



STOP
ENERGY WASTE



CREATE
CLEAN ENERGY



BUILD
A SMART ENERGY FUTURE

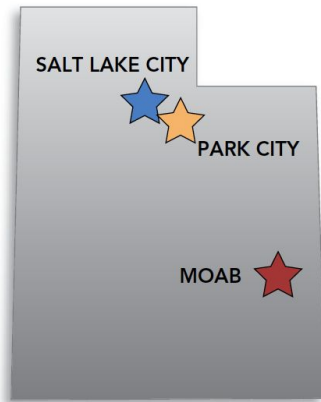




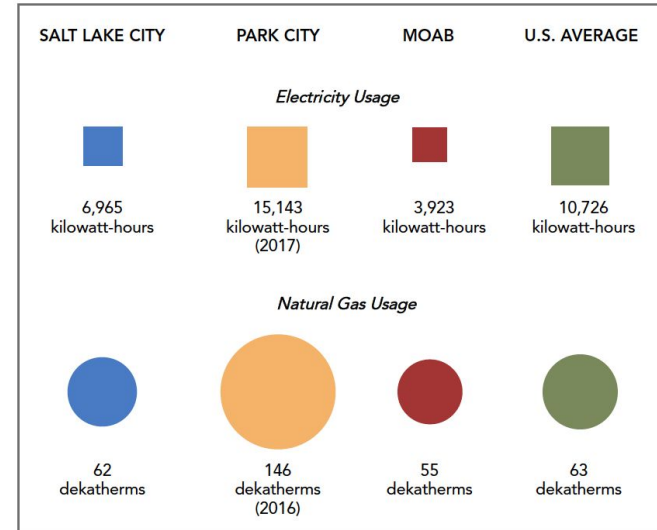
Charting a Path for Reliable, Resilient and Affordable Clean Energy

A Roadmap for
Three Communities in Utah

Community Characteristics and Energy Usage



	POPULATION	HOUSEHOLDS
Salt Lake City	200,591	75,430
Park City	8,504	3,407
Moab	5,322	1,953

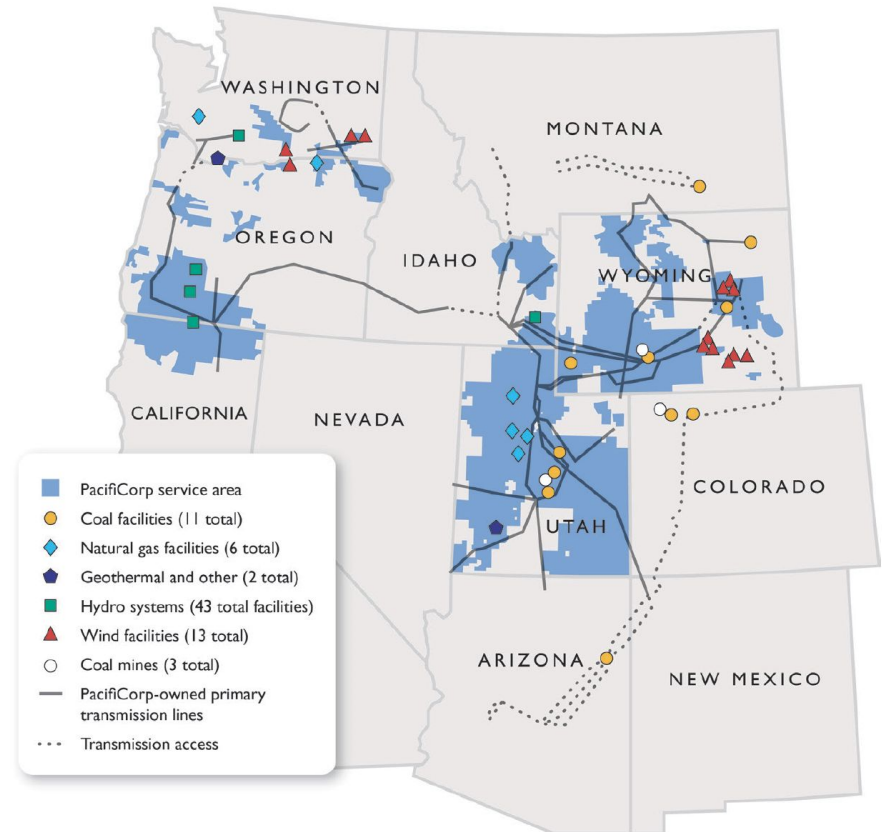


Key takeaways:

- Park City homes have higher than average per-household energy usage, whereas homes in Moab use less than half as much electricity as the national average.
- Housing density is increasing in Salt Lake City and the majority of new construction is multi-family housing, but the city's housing is largely composed of single-family homes many of which are 100 years old or more.
- All three communities are experiencing growth, creating opportunities to ensure that new homes and buildings are built to ultra-efficient standards.

Community Energy Goals and Current Resource Mix

- Salt Lake City**
50% GHG reduction community-wide by 2030 and 80% GHG reduction by 2040
- Park City**
Net-zero carbon emissions for municipal operations by 2022 and community-wide by 2030
- Moab**
50% GHG reduction for municipal operations by 2027 and community-wide by 2032; 80% GHG reduction community-wide by 2040



Resource Options

Distributed Energy Resources



SOLEIL LOFTS, POWERED BY SOLAR & STORAGE Herriman, Utah



ZERO-EMISSIONS TRANSIT Park City, Utah

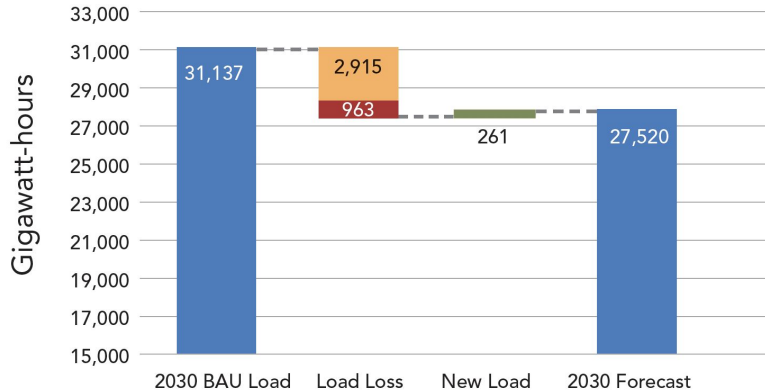


FIRST NET-ZERO FIRE STATION Salt Lake City, Utah



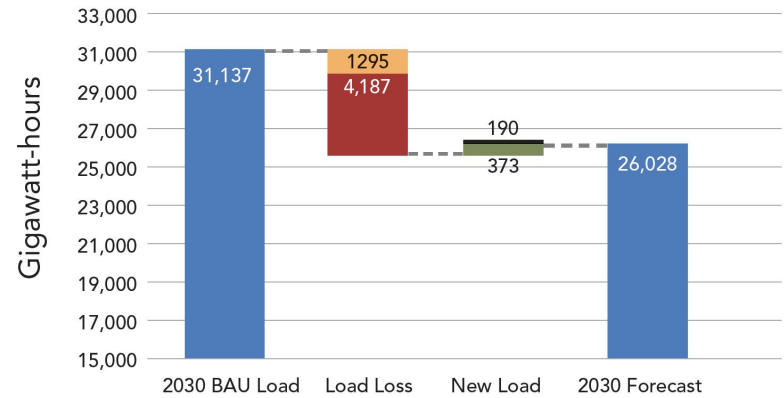
Distributed Energy Resource Scenario Analysis

Business as Usual
Annual Energy Usage in Utah

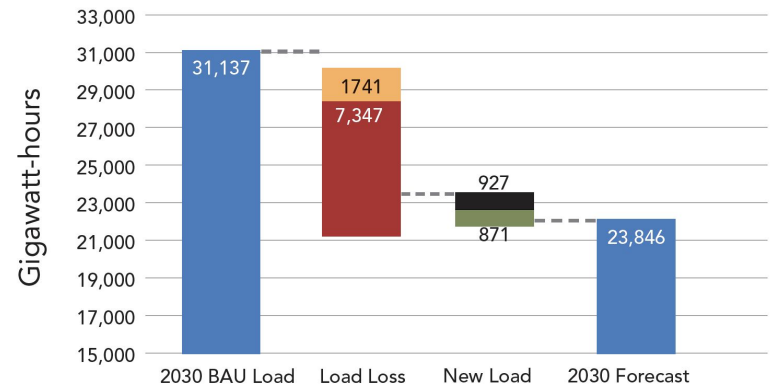


- Efficiency
- Distributed Generation
- Electric Vehicles
- Electrification

Medium
Annual Energy Usage in Utah



Ambitious
Annual Energy Usage in Utah





Strategies to Achieve Net 100% Renewable Electricity by 2030

Categories of Distributed Energy
Resource Strategies for Achieving
Renewable Energy Goals

ENERGY EFFICIENCY

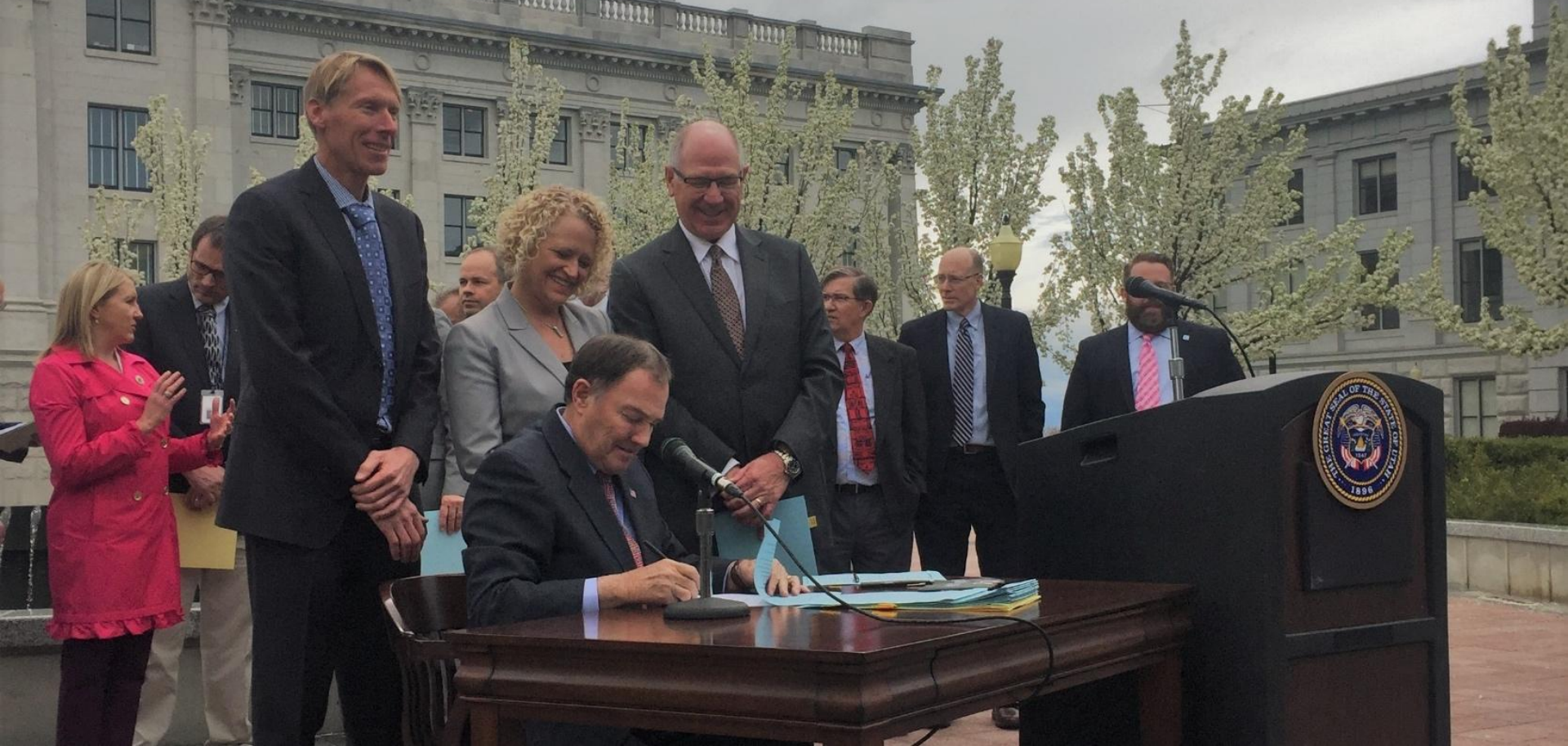
DISTRIBUTED GENERATION

BENEFICIAL ELECTRIFICATION

ELECTRIC VEHICLES

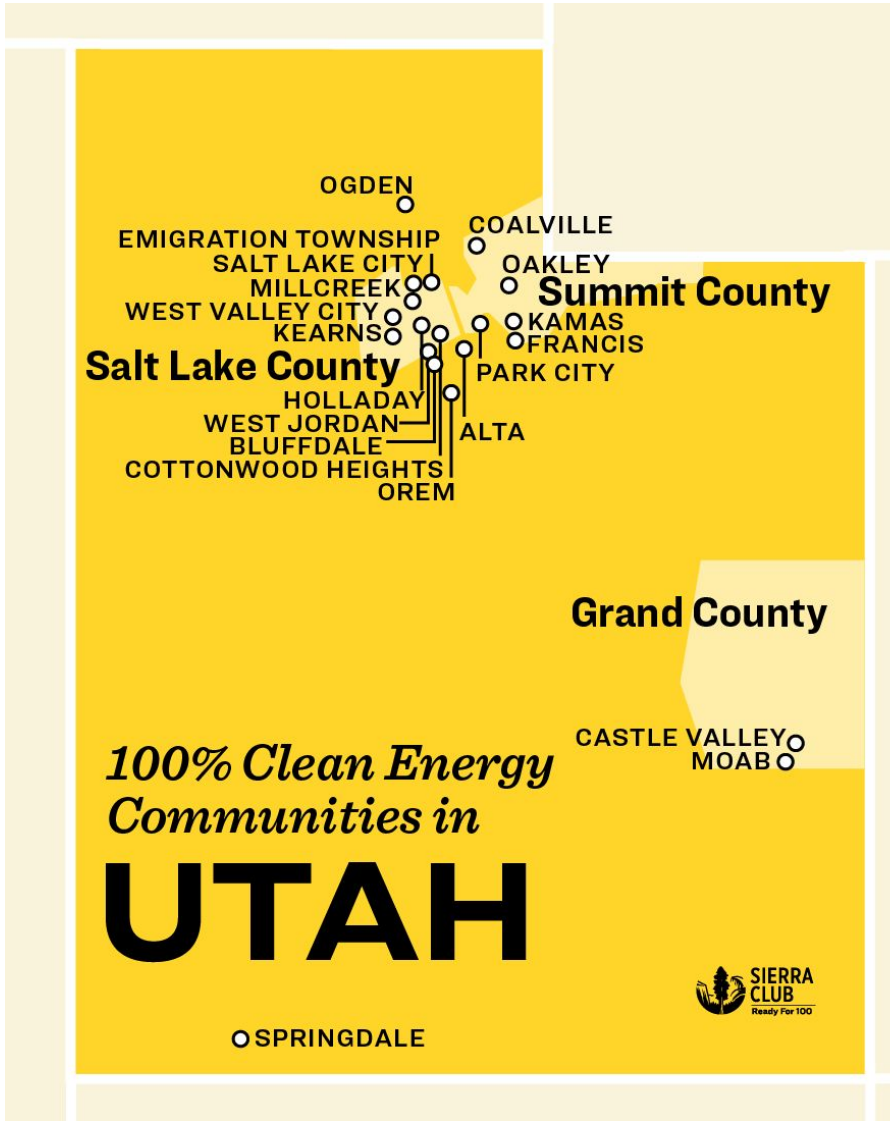
CUSTOMER EQUITY & ACCESS

FINANCIAL TOOLS



COMMUNITY RENEWABLE ENERGY ACT (HB 411)

Enables communities who desire renewable energy to obtain net-100% renewable electricity by 2030



Community Renewable Energy Act

Currently applies to 23 cities and counties in Utah

Empower SLC 
www.empowerslc.org



Annual Savings
\$12
Per Bulb

Swap light bulbs



OVER \$100 DISCOUNT ON A
SMART THERMOSTAT

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