

# Utah Success Stories

## Select Utah Air Quality and Changing Climate Success Stories



### STATE AND LOCAL LEADERSHIP

Many local and state leaders have made improving air quality a priority. For example, Cottonwood Heights created a code to address vehicle engine idling, created a Parks, Trails, and Open Space Committee, and joined the sustainable energy resolution with a goal to transition to 100 percent renewable energy by 2022. Provo City is purchasing fleet EVs and partnering with UTA to develop a free bus system. In his 2021 budget, Governor Herbert included \$100 million in funding for cleaner air initiatives, increased public transit, and EV infrastructure which is supportive of The Utah Roadmap.



### UTAH TRANSIT AUTHORITY (UTA)

UTA is helping clean the air by providing over 44 million transit trips per year. They are making efforts to move to a greener, more-sustainable model. The agency operates 54 electric-hybrid buses, three fully electric buses, 47 buses powered by natural gas, and a new electric autonomous shuttle. UTA plans to expand its green fleet in the future.



### ROCKY MOUNTAIN POWER

Rocky Mountain Power plans to build more than 4,600 megawatts of new wind-generated electricity by 2038, more than 6,300 megawatts (3,000 MW in Utah) of new solar capacity by 2038, and more than 2,800 megawatts (635 MW in Utah) of new battery storage by 2038.



### SOLITUDE MOUNTAIN RESORT

Solitude ski resort rewards car-pooling and public transit by charging visitors for parking, the first Utah resort to do so. Parking fees fall as vehicle occupancy rises. Solitude's goal is to reduce air emissions, improve air quality, and reduce traffic congestion and the unnecessary idling it causes.



### DOMINION ENERGY

Dominion Energy is partnering with Smithfield Foods to invest \$500 million over 10 years in renewable natural gas projects across the U.S., including Utah. When fully implemented, the effort will prevent more than 2.5 million metric tons of greenhouse gases from entering the atmosphere – equivalent to taking more than 500,000 cars off the road or planting over 50 million new trees. The partnership's renewable natural gas project in Milford, Utah, goes into operation in 2020 and will produce enough energy to power more than 3,000 Utah businesses.



### EV CHARGING INFRASTRUCTURE

In addition to a \$7 million matching grant from the state of Utah and a \$4 million matching grant from the U.S. Department of Energy, Rocky Mountain Power will invest \$10 million in electric vehicle charging stations. The goal is to connect Disneyland to Yellowstone National Park – and everything in between – with electric vehicle charging stations installed along interstate highways and places of business.



### GOLDEN SPOKE TRAIL NETWORK

Encouraging use of active transportation, the Golden Spoke trail network consists of more than 100 miles of separated, connected, and paved multi-use trails stretching from Ogden to Provo. This network is the result of 30 years work and a collaborative effort of several municipal, county, regional, and state agencies along with private entities. It includes Ogden River Parkway, Denver & Rio Grande Western Rail Trail, Legacy Trail, Jordan River Trail, Murdock Canal Trail, and Provo River Parkway and is the longest network of continuous, multi-use trails west of the Mississippi River

Sources: Utah Department of Transportation, Cottonwood Heights City, Provo City, Rocky Mountain Power, Solitude Mountain Resort, Dominion Energy, Utah Department of Transportation, Utah Department of Environmental Quality,UCAIR, Wasatch Front Regional Council