



Clark County Commission

NV Energy Resiliency Preparedness and Planning
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Doug Cannon, NV Energy President and CEO

Company Overview



- NV Energy has served the citizens of southern Nevada since 1906.
- Service area covers nearly 46,000 square miles throughout Nevada and about 90 percent of the state's population.
- We serve more than 1.5 million customers and a typical state tourist population of more than 56 million annually.
- 2,400 employees statewide
 - Average tenure is 14 years
 - International Brotherhood of Electrical Workers
 - Local 396 in southern Nevada
 - Local 1245 in northern Nevada
 - Total Payroll in 2020: \$314 million
- Total Paid in Taxes in 2020: \$231 million
 - Includes \$48 million in Clark County franchise fees



What Happened in Texas



- Extreme cold temperatures statewide caused increased demand while a large portion of the state's generating resources went offline.
- Rolling blackouts and extended power outages were experienced by millions.
- Texas is a deregulated energy state.
 - Risk of extreme price increases due to energy market price fluctuations – resulted in customer bills in the thousands for a single month
 - Deregulation has cost Texas electric customers \$28 billion in additional costs
 - Power plants were not prepared for the cold weather
 - Texas does not have transmission infrastructure to connect it to out-of-state energy resources

NV Energy is Prepared



- NV Energy engages in an extensive planning process through the Public Utilities Commission of Nevada (PUCN) to meet the current and future energy needs of our state.
- NV Energy works year-round to make sure our natural gas systems and power plants are ready for the summer heat as well as winter cold to ensure reliable service for our customers.
- We have access to extensive fuel and energy supply resources throughout the west through our current transmission network.
- NV Energy continually invests in the electric grid by developing low-cost clean energy and storage projects, utilizing energy-efficiency measures and investing in critical transmission infrastructure to provide Nevada with a stable and reliable electric grid.

Clean Energy and Storage



- Our company has long understood the benefits of renewable energy and signed its first geothermal contract in 1987 – a decade before our state’s renewable portfolio standard (RPS) was established.
- In 2020, NV Energy overall achieved 29% against the 22% RPS. We are positioned to comply with the 50% RPS requirement by 2030.
- Our goal is to serve Nevada customers with 100% renewable energy.
- Our current renewable energy portfolio consists of 56 large-scale geothermal, solar, solar plus storage, hydro, wind, biomass and supported rooftop solar projects both in service and under development.
- We recently received approval for three new large-scale solar plus storage projects, which are among 12 solar plus storage projects in development since 2018.

Greenlink Nevada



Greenlink Nevada is a new renewable energy and electrical infrastructure initiative that will make Nevada a leader in the clean energy economy.

- Move Nevada closer to a future powered by 100% renewable energy and reduce Nevada's carbon footprint.
- Generate \$690 million in economic activity and create nearly 4,000 good-paying jobs.
- Improve system reliability and transfer capacity within the state and to other states, creating a more robust and interconnected western energy grid.
- Lower energy costs are expected to help offset the cost of construction.



Climate Resiliency



- We are committed to helping Nevada meet its carbon reduction goals and increasing our resiliency to climate change.
- NV Energy is leading the way in reducing emissions by changing our generation mix and developing more clean energy.
- Since 2005 we have reduced our carbon intensity by nearly 55%.
- We closed the Reid Gardner Generating Station in southern Nevada, and at the end of 2019, exited our ownership in the Navajo Generating Station. This means southern Nevada is coal-free.
- NV Energy is helping protect our customers and the community from the impacts of climate change through our Natural Disaster Protection Plan, making our energy grid more resilient against the increasing threats of natural disasters like monsoons and wildfires.

Powering the Lives of Nevadans



- NV Energy is proud to power the lives of Nevadans.
- We will continue to plan ahead and do our best to expect the unexpected, especially in light of our changing climate.
- Our clean energy and transmission initiatives will help make our electric grid more climate resilient and ensure we can deliver safe, low-cost, reliable energy.





 **NV**Energy