



Greenlink Nevada

April 8, 2021

Overview



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
- Lower energy costs are expected to offset the cost of construction



Environmental Benefits



Greenlink Nevada is essential to helping Nevada achieve its climate action and de-carbonization goals and increased renewable portfolio standard.

- Creates a renewable energy highway that allows access to Nevada's resource-rich renewable energy zones that could not previously be developed due to the lack of necessary transmission infrastructure
- Positions Nevada to diversify its renewable portfolio by creating access to affordable wind and hydro energy across the Western United States



Greenlink Nevada supports Nevada's economic recovery strategy.

- Generate \$690 million in economic activity and create nearly 4,000 good-paying jobs, many of which will be skilled union labor
- Completion of Greenlink Nevada will allow NV Energy to meet future energy demands, allowing for economic growth and job stability
- Greenlink Nevada promotes economic diversification by making Nevada a smart investment for businesses interested in relocating to states that offer affordable clean energy
- Supports underserved communities by enabling job creation in rural and hard-to-reach communities

Improved Reliability, Transfer Capacity and Broadband Access



Greenlink Nevada will improve NV Energy's overall system reliability by providing a second critical state-wide transmission connection.

- The initiative will open up electric delivery capacity, allowing customers to enjoy more cost savings by sharing resources between northern and southern Nevada, enabling resources to be delivered into and out of Nevada and position Nevada as a critical clean energy highway serving surrounding Western states
- The increased transfer capacity provides potential for Nevada to benefit from both importing low-cost energy resources into Nevada and selling excess Nevada-based resources to surrounding states with proceeds going directly to lowering Nevada customers' energy costs
- Greenlink Nevada can increase access for fiber communications in rural areas, aiding the state in its economic development goals

Nevada Will Receive Immediate Benefits



Nevada's job market and economy will immediately see benefits of this initiative while customers will not see rate impacts for Greenlink Nevada before 2025 at the earliest.

- NV Energy will make all efforts to control project costs and reduce rate impacts for the initiative by exploring options such as extending the amortization period for cost recovery and levelizing rates over the life of the project
- Customers' electric prices will be favorably impacted as the initiative will create more opportunities for low-cost renewable development in the state and will allow for both the import of low-cost resources from out of state markets and export of the state's energy into western energy markets
- Portions of these projects would be paid for by other states and private companies that choose to utilize Nevada's new clean energy highway created by this transmission infrastructure

Greenlink Nevada Next Steps



The Public Utilities Commission of Nevada (PUCN) has approved moving forward on NV Energy's Greenlink Nevada transmission and renewable energy initiative.

- NV Energy will begin preliminary design and permitting for both segments of Greenlink Nevada.
- Upon completion of this work, construction will start on Greenlink West, the first major segment of the project, which is a 525 kV line from Las Vegas, NV to Yerington, NV and two 345 kV lines from Yerington, NV into the Reno/Sparks area.
- Greenlink West has an estimated completion date of December 2026.

Greenlink Nevada Supporters



- **Unions:** IBEW 1245, 401, 396, 357; Nevada Association of Electrical Workers; Nevada State AFL-CIO
- **Government:** Nye County, Eureka County; Churchill County; City of Henderson; Clark County
- **Developers:** rPlus Hydro; rPlus Energies; Ormat; ConEdison; First Solar; Cyrq Energy; Arevia; Fervo Energy; EDF Renewables; Enel
- **Economic Development:** EDAWN; Northern Nevada Development Authority; Northeastern NV Development Authority; Henderson Chamber of Commerce; Asian Chamber; Latin Chamber; Las Vegas Global Economic Alliance
- **Environmental Groups:** Geothermal Rising; CEERT; Interwest Energy Alliance; Nevadans for Clean Affordable Energy



 **NV**Energy