

SOUTHERN NEVADA WATER AUTHORITY

Renewable Energy Report

Submitted to the Nevada Office of Energy

for calendar year 2021

Southern Nevada Water Authority (SNWA) is pleased to provide this renewable energy report for calendar year 2021 to the Nevada Office of Energy as per Senate Bill 358 (SB 358) passed in 2019.

SNWA sells electricity to some of its members (certain water/wastewater loads), in conjunction with the Colorado River Commission of Nevada, under NRS 704.787. The SNWA members receiving this electricity are as follows: Las Vegas Valley Water District (LVVWD), City of Las Vegas (COLV), City of Henderson (COH), Clark County Water Reclamation District (CCWRD), City of North Las Vegas (CNLV).

In order to achieve the Renewable Portfolio Standard established by SB 358, SNWA has 1) procured, or received by assignment, Nevada Portfolio Credits (PECs) from its members and others; and 2) procured, or received by assignment, renewable energy attributes associated with federal hydropower production from its members and others.

The information provided in this report is as required under SB 358, which is from NRS 704.7825 subsection 4:

a) The amount of electricity which the provider generated, acquired or saved from portfolio energy systems or efficiency measures during the reporting period and, if applicable, the amount of portfolio energy credits that the provider acquired, sold or traded during the reporting period to comply with its portfolio standard.

All of the electricity that SNWA sells to its members is from generic wholesale market purchases, which do not qualify as “renewable energy” under SB 358. SNWA’s electricity customers receive varying amounts of federal hydropower and have assigned the renewable energy attributes to SNWA for purposes of compliance with SB 358. One or more of SNWA’s electricity customers own Nevada certified PECs and have transferred some of those PECs to SNWA for purposes of compliance with SB 358.

As a provider, SNWA acquired 46,514 MWh of renewable energy attributes from its electricity customers from federal hydropower and 14,601 MWh of PECs from its electricity customers from solar photovoltaic (PV) resources. See table at the end of this report.

- b) *The capacity of each renewable energy system owned, operated, or controlled by the provider, the total amount of electricity generated by each such system during the reporting period and the percentage of that total amount which was generated directly from renewable energy;*

SNWA does not sell any electricity to its members from generating resources that it owns, operates, or controls. All of its sales are from generic wholesale market purchases. The table at the end of this report shows the information requested by this item for SNWA's member-owned resources, which is the source of SNWA's renewable energy attributes and PECs for compliance with SB 358. One hundred percent of the energy generated by these resources was from renewable energy.

- c) *Whether, during the reporting period, the provider began construction on, acquired or placed into operation any renewable energy system and, if so, the date of any such event;*

SNWA did not begin construction, acquire, or begin operation of any renewable energy system during 2021.

- d) *Whether, during the reporting period, the provider participated in the acquisition or installation of any energy efficiency measures and, if so, the date of any such event; and*

SNWA did not participate in any energy efficiency measures during 2021.

- e) *Any other information that the Nevada Office of Energy may deem relevant.*

SNWA has no additional information that seems relevant.

| PROVIDER = SNWA | | | | |
|---|------------------|------------------|-------------------------------------|------------------------|
| YEAR = 2021 | | | | |
| | Renewable Energy | | PECs or Renewable Energy Attributes | |
| Customer-Owned Supply | Capacity (kW) | Generation (MWh) | Produced (MWh) | assigned to SNWA (MWh) |
| LVVWD Hoover A | 1,789 | 6,204 | 6,204 | 6,204 |
| LVVWD Hoover D | 5,260 | 9,006 | 9,006 | 9,006 |
| LVVWD Solar - Fort Apache * | 353 | 537 | 1,315 | 0 |
| LVVWD Solar - Luce * | 331 | 714 | 1,748 | 0 |
| LVVWD Solar - Spring Mountain * | 537 | 731 | 1,791 | 0 |
| LVVWD Solar - Grand Canyon * | 330 | 482 | 1,180 | 0 |
| LVVWD Solar - Springs Preserve * | 475 | 712 | 1,744 | 0 |
| LVVWD Solar - Ronzone * | 821 | 965 | 2,365 | 0 |
| LVVWD Solar Carports - West Admin ** | na | na | 1,933 | 1,933 |
| LVVWD Solar Carports - Prev Year PEC Inv | na | na | na | 185 |
| COLV Hoover A | 1,789 | 6,205 | 6,205 | 6,205 |
| COLV Hoover D | 2,054 | 3,521 | 3,521 | 3,521 |
| COLV Solar - Pollution Control Center | 3,000 | 6,360 | 6,678 | 6,678 |
| COLV Solar - Previous Years PEC Inventory | na | na | na | 5,805 |
| COH Hoover A | 1,787 | 6,205 | 6,205 | 6,205 |
| COH Hoover D | 1,906 | 3,267 | 3,267 | 3,267 |
| CCWR Hoover A | 1,787 | 6,205 | 6,205 | 6,205 |
| CCWR Hoover D | 1,680 | 2,879 | 2,879 | 2,879 |
| CNLV Hoover D | 1,763 | 3,022 | 3,022 | 3,022 |
| TOTAL | 25,662 | 57,014 | 65,268 | 61,115 |
| * LVVWD Solar (6 reservoirs) PECs are under contract to be sold to NV Energy through the year 2026. | | | | |
| ** Generation not part of load served by SNWA. | | | | |
| TOTAL SNWA SALES TO ITS MEMBERS (MWh) | 254,647 | | | |
| 2021 PORTFOLIO STANDARD | 24% | | | |
| 2021 PORTFOLIO STANDARD (MWh) | 61,115 | | | |
| 2021 PECS OR ATTRIBUTES UTILIZED | 24% | | | |
| 2021 PECS OR ATTRIBUTES UTILIZED (MWh) | 61,115 | | | |