

SILVER STATE ENERGY ASSOCIATION

Renewable Energy Report

Submitted to the Nevada Office of Energy

By July 1, 2021 for calendar year 2020

Silver State Energy Association (SSEA) is pleased to provide this renewable energy report for calendar year 2020 to the Nevada Office of Energy as per Senate Bill 358 (SB 358) passed in 2019.

With the exception of the Southern Nevada Water Authority (SNWA), all of the members of the SSEA are electric utilities who resell the electricity to their own customers and have their own reporting obligations under SB 358. As such, SSEA will only be reporting sales made to one of its members, SNWA.

The structure of the SSEA is such that the SSEA provides electricity to its members to meet their needs. This is done through generic power transactions which are not specific to any type of generating source and therefore do not qualify as “renewable energy” under SB 358.

In order to achieve the Renewable Portfolio Standard established by SB358, SSEA has 1) procured, or received by assignment, Nevada Portfolio Credits (PECs) from SNWA; and 2) procured, or received by assignment, renewable energy attributes associated with federal hydropower production from SNWA.

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 SSEA sells to SNWA is from generic wholesale market purchases, which do not qualify as “renewable energy” under SB358. SNWA receives federal hydropower and has assigned the renewable energy attributes to SSEA for purposes of compliance with SB 358. SNWA also owns Nevada certified PECs from renewable energy resources it owns and from certified energy efficiency projects, but it is under long-term contracts entered into prior to passage of SB 358 to sell those PECs to other entities through the year 2020. It is expected that those PECs (93,703 MWh for 2020) will be assigned to SSEA for all future years.

As a provider, SSEA acquired 121,588 MWh of renewable energy attributes from SNWA from federal hydropower. 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;*

SSEA does not sell any electricity to SNWA 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 renewable energy resources, which is the source of SSEA's renewable energy attributes 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;*

SSEA did not begin construction, acquire, or begin operation of any renewable energy system during 2020.

- 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*

SSEA did not participate in any energy efficiency measures during 2020.

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

SSEA has no additional information that seems relevant.

PROVIDER = SSEA				
YEAR = 2020				
FINAL				
	Renewable Energy		PECs or Renewable Energy Attributes	
Customer-Owned Supply	Capacity (kW)	Generation (MWh)	Produced (MWh)	assigned to SSEA (MWh)
Sloan In-conduit Hydropower *	933	3,922	4,118	0
Horizon In-conduit Hydropower *	671	958	1,006	0
Linden In-conduit Hydropower *	522	0	0	0
AMS Parking Solar PV *	130	189	463	0
RM Lab Parking Solar PV *	80	146	358	0
RM O&M Parking Solar PV *	29	52	127	0
RM RTC Solar PV *	100	224	549	0
RM SunEdison Solar PPA *	14,500	33,640	82,418	0
Wahoo Solar *	8	3	7	0
AMS Energy Efficiency	0	0	4,657	0
Hoover A	17,000	61,849	61,849	61,849
Parker Davis	10,000	59,739	59,739	59,739
TOTAL	43,973	160,722	215,291	121,588
* PECs for all SNWA renewable energy facilities except federal hydropower are under contract to be sold through the year 2020.				
TOTAL SSEA SALES TO SNWA (MWh)	715,102			
2020 PORTFOLIO STANDARD	22%			
2020 PORTFOLIO STANDARD (MWh)	157,322			
2020 PECS OR ATTRIBUTES UTILIZED	17%			
2020 PECS OR ATTRIBUTES UTILIZED	121,588			
2020 PECs sold under long term contract	93,703			