From: GOE INFO
To: Cynthia Capmany
Subject: {External} RE: Southern Nevada Water Authority 2023 Renewable Energy Report Per SB 358
Date: Friday, May 3, 2024 9:43:58 AM
Attachments: image002.png
image003.png
image004.png
image005.png

Hello Cynthia,

Thank you for providing the renewable energy report for SNWA and SSEA.

Warmest Regards,

Governor's Office of Energy
600 E William Street, Ste. 200
Carson City, NV 89701
O: 775.687.7189 | energy.nv.gov

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From: Cynthia Capmany <cynthia.capmany@snwa.com>
Sent: Thursday, May 2, 2024 11:45 AM
To: GOE INFO <info@energy.nv.gov>; Rachelle A. Doubinkine <rdoubinkine@energy.nv.gov>
Cc: Scott Krantz <scott.krantz@snwa.com>
Subject: Southern Nevada Water Authority 2023 Renewable Energy Report Per SB 358

WARNING - This email originated from outside the State of Nevada. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Attached is the Southern Nevada Water Authority's (SNWA's) renewable energy report for calendar year 2023 as per Senate Bill 358, which was passed in 2019.

If you have any questions or need further information, please contact Scott Krantz, Director of SNWA

Energy Management, at scott.krantz@snwa.com or 702-691-5240.

Thank you!

Cindy Capmany
Executive Assistant I to
Scott P. Krantz, Director of Energy Management
Southern Nevada Water Authority
P.O. Box 99956, MS 115 ▪ Las Vegas, NV 89193-9956
p: 702-862-3464 f: 702-691-5220
e: cynthia.capmany@snwa.com

SILVER STATE ENERGY ASSOCIATION

Renewable Energy Report

Submitted to the Nevada Office of Energy

for calendar year 2023

Silver State Energy Association (SSEA) is pleased to provide this renewable energy report for calendar year 2023 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.

   As a provider, SSEA acquired 146,936 MWh of renewable energy attributes from SNWA from federal hydropower and 81,911 MWh of PECs from various other renewable energy 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;*

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 2023.

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 2023.

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

SSEA has no additional information that seems relevant.

PROVIDER = SSEA				
YEAR = 2023				
	Renewable Energy		PECs or Renewable Energy Attributes	
Customer-Owned Supply (SNWA)	Capacity (kW)	Generation (MWh)	Produced (MWh)	assigned to SSEA (MWh)
Sloan In-conduit Hydropower	933	1	1	1
Horizon In-conduit Hydropower	671	627	658	658
Linden In-conduit Hydropower	522	98	103	103
AMS Parking Solar PV	130	189	463	463
RM Lab Parking Solar PV	80	105	257	257
RM O&M Parking Solar PV	29	50	123	123
RM RTC Solar PV	100	200	490	490
RM SunEdison Solar PPA	14,500	30,660	75,117	75,117
Wahoo Solar	8	17	42	42
AMS Energy Efficiency	0	0	4,657	4,657
Hoover A	17,000	55,365	55,365	55,365
Parker Davis	10,000	91,571	91,571	91,571
TOTAL	**43,973**	**178,866**	**228,847**	**228,847**
TOTAL SSEA SALES TO SNWA (MWh)	681,670			
PORTFOLIO STANDARD	29%			
PORTFOLIO STANDARD (MWh)	197,684			
2023 PECS OR ATTRIBUTES UTILIZED (MWh)	197,684			
	29%			
2021 PEC INVENTORY REMAINING (MWh)	35,924			
2023 SURPLUS PECs (MWh)	31,162			
TOTAL PEC INVENTORY (MWh)	67,086			