

February 2019

Clean Energy Programs

Monthly Report



Nevada Electric Transportation Forum
<https://www.youtube.com/watch?v=Oe-9Hpei5iE>



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Clean Energy Programs is the renewables, energy storage, and electric vehicle charging stations incentives program administered by NV Energy under the laws of the Nevada Legislature and regulated by the Public Utilities Commission of Nevada.

Solar Incentives

Program Update

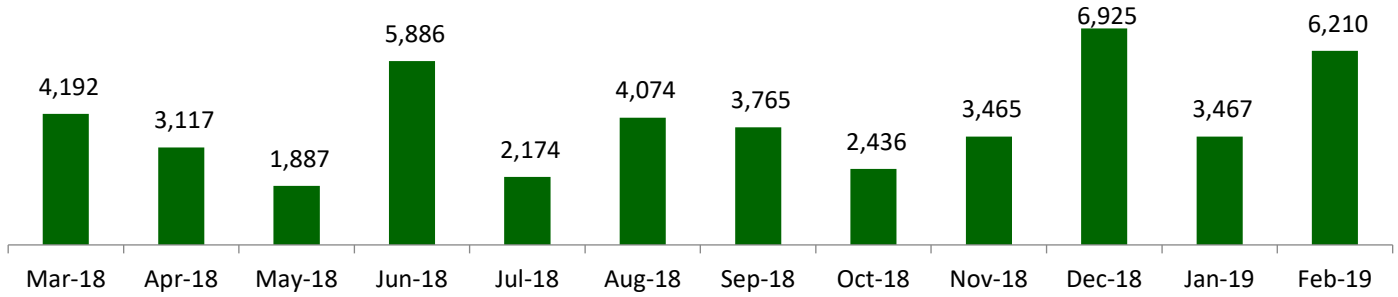
The solar incentives program received 996 applications and completed 814 projects in February.

February						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$63,293	\$997,424	324	5,378	55	756
Large Commercial/Industrial	\$4,846	\$35,140	0	499	0	1
Low-Income/Nonprofit	\$0	\$7,468	0	11	0	2
School	\$0	\$0	0	0	0	0
Public Entity	\$0	\$2,381	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$0	\$4,860	0	0	0	0
Total	\$68,139	\$1,047,273	324	5,887	55	759

Year To Date						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$109,882	\$1,533,964	553	8,286	91	1,158
Large Commercial/Industrial	\$25,640	\$97,412	0	499	0	1
Low-Income/Nonprofit	\$249	\$34,486	0	339	0	5
School	\$0	\$0	0	0	0	0
Public Entity	\$10,936	\$9,011	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$127	\$10,656	0	0	0	0
Total	\$146,834	\$1,685,529	553	9,124	91	1,164

Inception (2004) To Present						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$9,060,999	\$43,284,358	12,035	158,820	2,319	24,975
Large Commercial/Industrial	\$453,938	\$1,423,926	2,963	7,642	12	20
Low-Income/Nonprofit	\$2,284,339	\$2,684,092	716	2,078	17	51
School	\$60,832,710	\$49,297,179	14,343	12,724	133	171
Public Entity	\$170,775	\$139,376	332	438	4	4
Public and Other	\$37,963,190	\$34,911,442	8,821	9,291	192	161
Small Commercial	\$25,156	\$220,265	92	2,111	13	37
Total	\$110,791,107	\$131,960,638	39,302	193,104	2,690	25,419

Solar Incentives Capacity Installed by Month (kW)



Solar Incentives PV Incentives Paid Since July 1, 2010

Spending Toward \$295,270,000 Cap		
	Incentives Paid	kW Installed
Total	\$225,377,132	227,852

Average Solar Incentives PV Installation Cost Per Watt AC-CEC

Cost Per Watt		
Year	UFI/EPBB	PBI
2018	\$4.11	\$2.91
2019	\$4.36	\$2.47

Solar Thermal Heating (Northern Nevada Gas Customers)

Program Update

No solar thermal heating incentives projects were received or completed in February.

February			
	Active Projects	Liabilities	Paid
	North	North	North
Residential/Small Business	0	\$0	\$0
Large Commercial/Industrial	0	\$0	\$0
Low-Income/Nonprofit	0	\$0	\$0
School	0	\$0	\$0
Public Entity	0	\$0	\$0
Public and Other	0	\$0	\$0
Small Commercial	0	\$0	\$0
Total	0	\$0	\$0

Year To Date		
	Incentives Paid	Completed Projects
	North	North
Residential/Small Business	\$0	0
Large Commercial/Industrial	\$0	0
Low-Income/Nonprofit	\$0	0
School	\$0	0
Public Entity	\$0	0
Public and Other	\$0	0
Small Commercial	\$0	0
Total	\$0	0

Inception (2004) To Present		
	Incentives Paid	Completed Projects
	North	North
Residential/Small Business	\$26,907	13
Large Commercial/Industrial	\$0	0
Low-Income/Nonprofit	\$0	0
School	\$8,949	1
Public Entity	\$0	0
Public and Other	\$99,747	5
Small Commercial	\$0	0
Total	\$135,603	19

Wind Incentives

Program Update

No wind incentives projects were received or completed in February.

February						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$0	\$0	0	0	0	0
Large Commercial/Industrial	\$0	\$0	0	0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0	0	0
School	\$0	\$0	0	0	0	0
Public Entity	\$0	\$0	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$0	\$0	0	0	0	0
Agriculture	\$0	\$0	0	0	0	0
Total	\$0	\$0	0	0	0	0

Year To Date						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$0	\$0	0	0	0	0
Large Commercial/Industrial	\$0	\$0	0	0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0	0	0
School	\$0	\$0	0	0	0	0
Public Entity	\$0	\$0	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$0	\$0	0	0	0	0
Agriculture	\$0	\$0	0	0	0	0
Total	\$0	\$0	0	0	0	0

Inception (2004) To Present						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$1,403,080	\$49,183	567	23	54	6
Large Commercial/Industrial	\$0	\$0	0	0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0	0	0
School	\$1,369,200	\$7,800	207	2	4	1
Public Entity	\$0	\$0	0	0	0	0
Public and Other	\$295,200	\$0	101	0	10	0
Small Commercial	\$0	\$0	0	0	0	0
Agriculture	\$23,121,745	\$0	8,864	0	91	0
Total	\$26,189,225	\$56,983	9,738	25	159	7



Wind and Hydro Incentives Paid Since July 1, 2010

Spending Toward \$40,000,000 Cap	
	Incentives Paid
Wind	\$25,928,108
Hydro	\$2,097,500
Total	\$28,025,608

Hydro Incentives

Program Update

No hydro incentives projects were received or completed in February.

February						
	Incentives Paid		kW Installed		Completed Projects	
	Net-Metered	Non Net-Metered	Net-Metered	Non Net-Metered	Net-Metered	Non Net-Metered
Residential/Small Business	\$0	\$0	0	0	0	0
Large Commercial/Industrial	\$0	\$0	0	0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0	0	0
School	\$0	\$0	0	0	0	0
Public Entity	\$0	\$0	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$0	\$0	0	0	0	0
Agriculture	\$0	\$0	0	0	0	0
Total	\$0	\$0	0	0	0	0

Year To Date						
	Incentives Paid		kW Installed		Completed Projects	
	Net-Metered	Non Net-Metered	Net-Metered	Non Net-Metered	Net-Metered	Non Net-Metered
Residential/Small Business	\$0	\$0	0	0	0	0
Large Commercial/Industrial	\$0	\$0	0	0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0	0	0
School	\$0	\$0	0	0	0	0
Public Entity	\$0	\$0	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$0	\$0	0	0	0	0
Agriculture	\$0	\$0	0	0	0	0
Total	\$0	\$0	0	0	0	0

Inception (2004) To Present						
	Incentives Paid		kW Installed		Completed Projects	
	Net-Metered	Non Net-Metered	Net-Metered	Non Net-Metered	Net-Metered	Non Net-Metered
Residential/Small Business	\$0	\$0	0	0	0	0
Large Commercial/Industrial	\$0	\$0	0	0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0	0	0
School	\$0	\$0	0	0	0	0
Public Entity	\$0	\$0	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$0	\$0	0	0	0	0
Agriculture	\$395,000	\$1,702,500	158	1,187	3	4
Total	\$395,000	\$1,702,500	158	1,187	3	4

Energy Storage

Program Update

The energy storage incentives program received 31 applications and no projects were completed in February.

February				
	Incentives Paid		Completed Projects	
	North	South	North	South
Residential/Small Business	\$0	\$0	0	0
Large Commercial/Industrial	\$0	\$0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0
School	\$0	\$0	0	0
Public Entity	\$0	\$0	0	0
Public and Other	\$0	\$0	0	0
Small Commercial	\$0	\$0	0	0
Agriculture	\$0	\$0	0	0
Total	\$0	\$0	0	0

Year to Date				
	Incentives Paid		Completed Projects	
	North	South	North	South
Residential/Small Business	\$0	\$0	0	0
Large Commercial/Industrial	\$0	\$0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0
School	\$0	\$0	0	0
Public Entity	\$0	\$0	0	0
Public and Other	\$0	\$0	0	0
Small Commercial	\$0	\$0	0	0
Agriculture	\$0	\$0	0	0
Total	\$0	\$0	0	0

Inception (2018) to Present				
	Incentives Paid		Completed Projects	
	North	South	North	South
Residential/Small Business	\$0	\$0	0	0
Large Commercial/Industrial	\$0	\$0	0	0
Low-Income/Nonprofit	\$0	\$0	0	0
School	\$0	\$0	0	0
Public Entity	\$0	\$0	0	0
Public and Other	\$0	\$0	0	0
Small Commercial	\$0	\$0	0	0
Agriculture	\$0	\$0	0	0
Total	\$0	\$0	0	0

Electric Vehicle

Program Update

The electric vehicle charging station incentives program received four applications and no projects were completed in February.

February				
	Incentives Paid		Completed Projects	
	North	South	North	South
Workplace	\$0	\$0	0	0
Fleet	\$0	\$0	0	0
Multi-Family	\$0	\$0	0	0
Custom Grant	\$0	\$0	0	0
Total	\$0	\$0	0	0

Year to Date				
	Incentives Paid		Completed Projects	
	North	South	North	South
Workplace	\$0	\$0	0	0
Fleet	\$0	\$0	0	0
Multi-Family	\$0	\$0	0	0
Custom Grant	\$0	\$0	0	0
Total	\$0	\$0	0	0

Inception (2018) to Present				
	Incentives Paid		Completed Projects	
	North	South	North	South
Workplace	\$0	\$0	0	0
Fleet	\$0	\$0	0	0
Multi-Family	\$0	\$0	0	0
Custom Grant	\$0	\$0	0	0
Total	\$0	\$0	0	0

Incentives Summary

Clean Energy Programs Incentives Reserved and Paid Since July 1, 2010

Spending Toward \$295,270,000 Cap			
	Incentives Paid	Incentives Reserved	Total
North	\$126,755,566	\$1,882,506	\$128,638,072
South	\$126,647,174	\$14,759,960	\$141,407,134
Total	\$253,402,740	\$16,642,466	\$270,045,206

*Incentives Reserved is the sum of program dollars obligated as a result of an eligible and approved project application.
Incentives Paid are complete projects with incentive funds expended.*



Legislation, Regulation and Compliance

The clean energy programs annual plan was formally filed with the Public Utilities Commission of Nevada on February 1, 2019. The annual plan filing has been assigned Docket 19-02001. In the month of February, 28 staff data requests from the Nevada Public Utilities Commission and 18 data request questions from the Bureau of Consumer Affairs on the annual plan filing were received.

For the Nevada Electric Highway, the team was able to fully execute the sub grant agreement with the Governor's Office of Energy for one of the sites which is located at Jean, Nevada. Following the full execution of the sub grant agreement, the customer agreement with Terrible Herbst was also fully executed for this site.

For the Indian Springs site which is a part of Nevada Electric Highway phase one, Terrible Herbst is anticipated to obtain a construction permit by March 1, 2019. Furthermore, the team recommended that Terrible Herbst moves forward with procurement of electric vehicle charger equipment for both Indian Springs and Jean sites.

The technical evaluation for the Nevada Electric Highway phase two project was finalized. The final results are expected to be announced by the procurement department by March 15, 2019.

Workshops, Meetings and Events

The clean energy programs staff attended the following venue(s) where they handed out brochures and/or answered questions from the attendees:

- February 1, 2019 → Nevada Electric Transportation Forum, Reno
- February 23, 2019 → Solar + Storage for Homeowners Seminar, Las Vegas



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