

June 2019

Clean Energy Programs

Monthly Report





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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

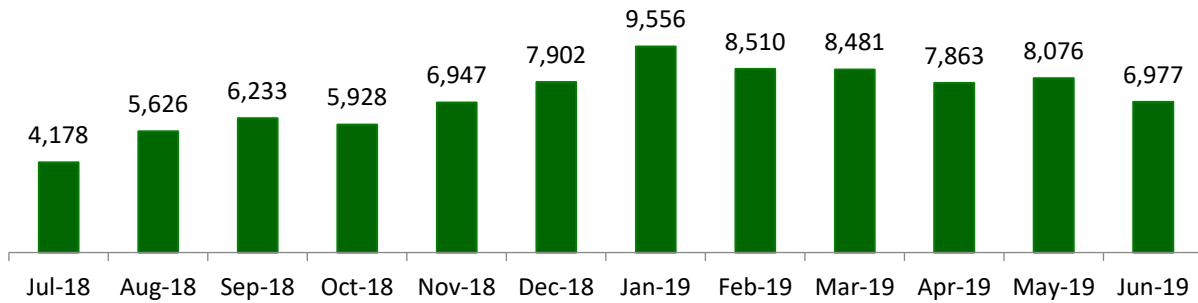
The solar incentives program received 201 applications and 998 projects were completed in June.

June						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$55,362	\$1,179,434	267	6,657	40	948
Large Commercial/Industrial	\$0	\$0	493	0	1	0
Low-Income/Nonprofit	\$11,268	\$0	4	0	8	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	66	0	1	0
Total	\$66,630	\$1,179,434	830	6,657	50	948

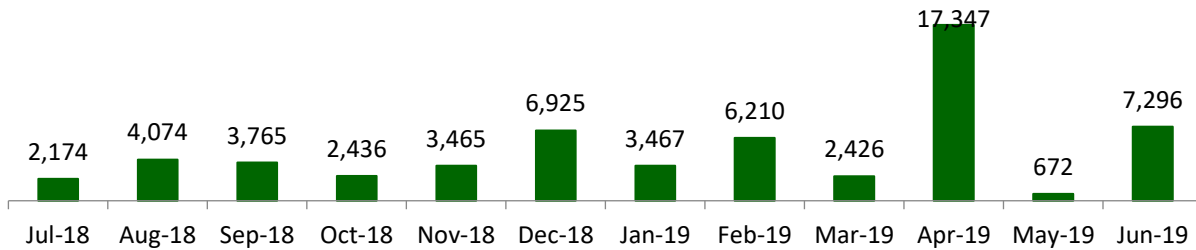
Year To Date						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$326,067	\$6,140,199	1,731	34,234	294	4,812
Large Commercial/Industrial	\$42,863	\$189,516	493	499	1	1
Low-Income/Nonprofit	\$57,168	\$831,822	25	563	25	19
School	\$0	\$0	0	0	0	0
Public Entity	\$18,011	\$18,158	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$263	\$16,916	66	0	1	0
Total	\$444,372	\$7,196,611	2,315	35,295	321	4,832

Inception (2004) To Present						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$9,277,184	\$47,889,467	13,259	185,294	2,522	28,628
Large Commercial/Industrial	\$471,161	\$1,516,030	3,456	7,662	13	20
Low-Income/Nonprofit	\$2,144,855	\$3,290,692	741	2,302	42	65
School	\$60,832,710	\$49,297,179	14,458	13,019	133	171
Public Entity	\$177,850	\$148,523	332	438	4	4
Public and Other	\$37,963,190	\$34,911,442	9,034	9,466	192	161
Small Commercial	\$25,292	\$226,525	293	2,111	14	37
Total	\$110,892,242	\$137,279,858	41,573	220,292	2,920	29,086

Solar Incentives Capacity Installed by Month (kW)



Solar Incentives Applications Completed Capacity by Month (kW)



Solar Incentives PV Incentives Paid Since July 1, 2010

Spending Toward \$295,270,000 Cap		
	Incentives Paid	kW Installed
Total	\$230,797,488	257,237

Average Solar Incentives PV Installation Cost Per Watt AC-CEC

Cost Per Watt		
Year	UFI/EPBB	PBI
2018	\$4.11	\$2.91
2019	\$3.99	\$4.11

Solar Incentives Capacity Installed by Month (kW) has been updated to reflect total capacity considered installed when permission-to-operate status has been awarded. The subsequent bar chart has been re-titled as Solar Incentives Applications Completed Capacity by Month (kW) to reflect total capacity of project applications closed out after administrative tasks have been completed after permission-to-operate status has been reached.

Solar Thermal Heating (Northern Nevada Gas Customers)

Program Update

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

June			
	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 June.

June						
	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	574	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	365	2	4	1
Public Entity	\$0	\$0	0	0	0	0
Public and Other	\$295,200	\$0	85	0	10	0
Small Commercial	\$0	\$0	0	0	0	0
Agriculture	\$23,121,745	\$0	9,069	0	91	0
Total	\$26,189,225	\$56,983	10,092	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 June.

June						
	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 23 applications and no projects were completed in June.

June				
	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
Total	\$0	\$0	0	0

Year to Date				
	Incentives Paid		Completed Projects	
	North	South	North	South
Residential/Small Business	\$7,455	\$2,970	4	2
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
Total	\$7,455	\$2,970	4	2

Inception (2018) to Present				
	Incentives Paid		Completed Projects	
	North	South	North	South
Residential/Small Business	\$7,455	\$2,970	4	2
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
Total	\$7,455	\$2,970	4	2

Electric Vehicle

Program Update

The electric vehicle charging station incentives program received 17 applications and three projects were completed in June.

June				
	Incentives Paid		Completed Projects	
	North	South	North	South
Workplace	\$45,131	\$0	2	0
Fleet	\$75,000	\$0	1	0
Multi-Family	\$0	\$0	0	0
Custom Grant	\$0	\$0	0	0
NV Electric Highway	\$0	\$0	0	0
Total	\$120,131	\$0	3	0

Year to Date				
	Incentives Paid		Completed Projects	
	North	South	North	South
Workplace	\$45,131	\$0	2	0
Fleet	\$75,000	\$0	1	0
Multi-Family	\$0	\$0	0	0
Custom Grant	\$0	\$0	0	0
NV Electric Highway	\$0	\$0	0	0
Total	\$120,131	\$0	3	0

Inception (2018) to Present				
	Incentives Paid		Completed Projects	
	North	South	North	South
Workplace	\$45,131	\$0	2	0
Fleet	\$75,000	\$0	1	0
Multi-Family	\$0	\$0	0	0
Custom Grant	\$0	\$0	0	0
NV Electric Highway	\$0	\$0	0	0
Total	\$120,131	\$0	3	0

Programs Summary

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

All Program Spending Toward \$295,270,000 Cap			
	Incentives Paid	Incentives Reserved	Incentives Total
Solar PV	\$230,797,488	\$16,048,092	\$246,845,580
Wind	\$25,928,108	\$0	\$25,928,108
Hydro	\$2,097,500	\$0	\$2,097,500
Energy Storage	\$10,425	\$646,458	\$656,883
Electric Vehicle	\$120,131	\$949,188	\$1,069,319
Total	\$258,953,652	\$17,643,738	\$276,597,390

All Program Spending Toward \$295,270,000 Cap					
	Incentives Paid	Incentives Reserved	Renewable Energy Available	Energy Storage Available	Electric Vehicle Available
Total	\$258,953,652	\$17,643,738	\$110,824	\$4,631,105	\$13,930,681

Renewable Energy Generating Systems Capacity Installed Since July 1, 2010 and Reserved

Solar, Wind, and Hydro Programs Capacity Summary			
	Capacity (kW) Installed	Capacity (kW) Reserved	Capacity (kW) Total
Solar	257,237	67,981	325,218
Wind	10,003	0	10,003
Hydro	1,345	0	1,345
Total	268,585	67,981	336,566

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. Renewable Energy Available funds are program dollars available for renewable energy applications submitted, but not yet reserved prior to the solar incentive program becoming fully subscribed. Energy Storage Available funds are program dollars available for new energy storage incentive applications. Electric Vehicle Available funds are program dollars available for new electric vehicle charging station incentive applications.



Legislation, Regulation and Compliance

On June 5, 2019, the Solar Incentives program became fully subscribed. Customer solar incentive applications submitted through June 5, 2019 will be processed as an incentive application.

In the last week of June, NV Energy was able to successfully finalize the second custom grant application for the annual plan year 2018-2019 with Washoe County. This custom grant will provide funding to the County for the addition of six publicly available charging ports to their administration building complex located in Reno.

A project in Fernley, Nevada was completed as part of the third phase of the lower income solar energy program which serves 26 apartments at the Sandia Manor Rehabilitation Apartments and will directly reduce the tenants' monthly electric bill. Sandia Manor Rehabilitation Apartments received a total of \$32,552 in NV Energy incentives and \$2,704 in Nevada Governor's Office of Energy incentives.

For the Nevada Electric Highway phase two program, four of the 13 sites are close to finalizing the host site selection. Verdek and NV Energy hold weekly progress meetings together with the Governor's Office of Energy, as a median to help address and resolve any site selection concerns.

The construction for the Jean site, which is a part of Nevada Electric Highway phase two, is underway. This site is being construction by the host site Terrible Herbst, Inc. The construction for this site is anticipated to be completed by the end of August 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:

- There were no workshops, meetings or events attended or held by NV Energy clean energy programs staff for the month of June.



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