

May 2019

Clean Energy Programs

Monthly Report



Solar for Homeowners Workshop – May 4, 2019
Las Vegas, NV



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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

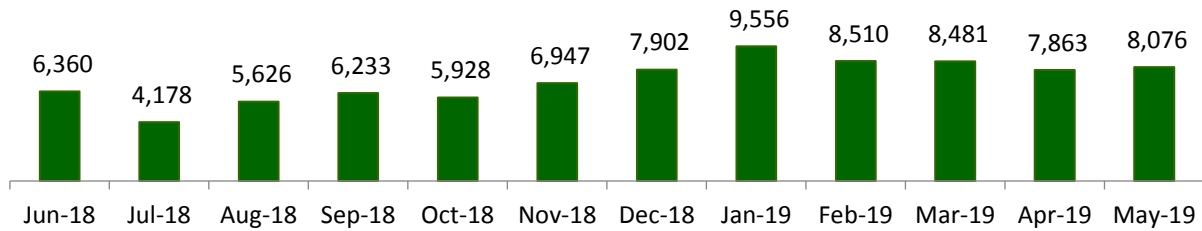
The solar incentives program received 1,405 applications and completed 105 projects in May.

May						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$12,783	\$102,717	69	595	12	78
Large Commercial/Industrial	\$17,223	\$83,730	0	0	0	0
Low-Income/Nonprofit	\$20,019	\$32,274	8	0	15	0
School	\$0	\$0	0	0	0	0
Public Entity	\$7,075	\$9,147	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$136	\$6,260	0	0	0	0
Total	\$57,236	\$234,128	77	595	27	78

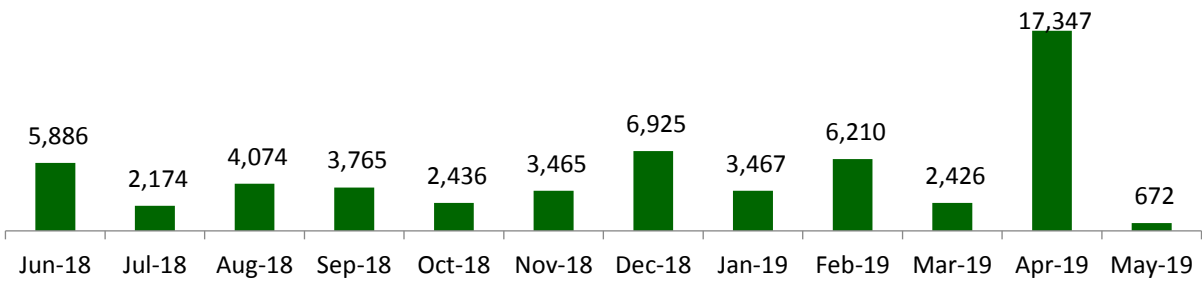
Year To Date						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$279,304	\$4,959,464	1,464	27,577	254	3,864
Large Commercial/Industrial	\$42,863	\$181,142	0	499	0	1
Low-Income/Nonprofit	\$45,900	\$831,822	20	563	16	19
School	\$0	\$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	0	0	0	0
Total	\$386,341	\$6,007,502	1,484	28,638	270	3,884

Inception (2004) To Present						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$9,230,421	\$46,709,808	12,996	178,648	2,482	27,681
Large Commercial/Industrial	\$471,161	\$1,507,656	2,963	7,662	12	20
Low-Income/Nonprofit	\$2,133,587	\$3,290,692	736	2,302	33	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	228	2,111	13	37
Total	\$110,834,211	\$136,091,825	40,747	213,647	2,869	28,139

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	\$229,551,424	249,765

Average Solar Incentives PV Installation Cost Per Watt AC-CEC

Cost Per Watt		
Year	UFI/EPBB	PBI
2018	\$4.11	\$2.91
2019	\$4.05	\$4.13

*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 May.

May			
	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 May.

May						
	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 May.

May						
	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 completed six projects in May.

May				
	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
Agriculture	\$7,455	\$2,970	4	2
Total	\$7,455	\$2,970	4	2

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
Agriculture	\$7,455	\$2,970	4	2
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
Agriculture	\$7,455	\$2,970	4	2
Total	\$7,455	\$2,970	4	2

Electric Vehicle

Program Update

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

May				
	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

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	\$229,551,424	\$16,527,555	\$246,078,979
Wind	\$25,928,108	\$0	\$25,928,108
Hydro	\$2,097,500	\$0	\$2,097,500
Energy Storage	\$10,425	\$599,508	\$609,933
Electric Vehicle	\$0	\$962,051	\$962,051
Total	\$257,587,457	\$18,089,114	\$275,676,571

All Program Spending Toward \$295,270,000 Cap					
	Incentives Paid	Incentives Reserved	Renewable Energy Available	Energy Storage Available	Electric Vehicle Available
Total	\$257,587,457	\$18,089,114	\$1,230,259	\$4,325,221	\$14,037,949

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	249,765	70,815	320,581
Wind	10,003	0	10,003
Hydro	1,345	0	1,345
Total	261,113	70,815	331,928

*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 program dollars available for new renewable energy incentive applications. Energy Storage Available 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 Friday May 3, 2019, the equipment verification inspection was performed on the LISEP Phase 3 Plaza at 4th Street project in Reno, Nevada. In addition to NV Energy, representatives from the Nevada Governor's Office of Energy participated including the Director, David Bobzien and Deputy Director, Jennifer Taylor. Matthew Fleming, the Executive Director of Northern Nevada Community Housing conducted a tour of the renovation project, which included the solar PV system. Plans were discussed to have a ribbon cutting ceremony in June with invitations going out to the Governor of Nevada and Mayor of Reno.

On May 20, 2019, the annual plan hearing for docket 19-02001 was held at the Public Utilities Commission of Nevada.

The clean energy team worked towards the execution of the contract with Verdek for the Nevada electric highway phase two competitive bid process. The contractor will be responsible for completing construction of 13 sites by the end of the year 2020 as a part of this program. The official kickoff meeting was held on May 23, 2019.

Electric Car Insider was announced as the winner of the bid for NV Energy's ride and drive events and will be held in partnership with the Nevada Department of Transportation. The first event was scheduled for May 25, 2019 in Las Vegas. The second event is scheduled for July 13, 2019 in Reno.

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:

- May 4, 2019 → Solar for Homeowners Workshop, Las Vegas
- May 14, 2019 → FleetPro Meeting, Reno
- May 25, 2019 → EV Ride and Drive, Last Vegas



Contact Us

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