

# March 2019

## Clean Energy Programs

### Monthly Report



Sun City Anthem Home Expo  
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

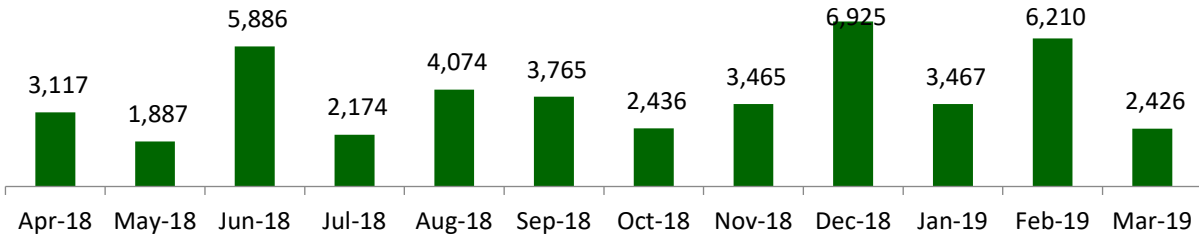
The solar incentives program received 1,181 applications and completed 342 projects in March.

March						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$0	\$409,172	0	2,426	0	342
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
<b>Total</b>	<b>\$0</b>	<b>\$409,172</b>	<b>0</b>	<b>2,426</b>	<b>0</b>	<b>342</b>

Year To Date						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$109,882	\$1,943,136	553	10,712	91	1,500
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
<b>Total</b>	<b>\$146,834</b>	<b>\$2,094,701</b>	<b>553</b>	<b>11,550</b>	<b>91</b>	<b>1,506</b>

Inception (2004) To Present						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$9,060,999	\$43,693,530	12,085	161,788	2,319	25,317
Large Commercial/Industrial	\$453,938	\$1,423,926	2,963	7,662	12	20
Low-Income/Nonprofit	\$2,284,339	\$2,684,092	716	2,078	17	51
School	\$60,832,710	\$49,297,179	14,458	13,019	133	171
Public Entity	\$170,775	\$139,376	332	438	4	4
Public and Other	\$37,963,190	\$34,911,442	9,034	9,466	192	161
Small Commercial	\$25,156	\$220,265	228	2,111	13	37
<b>Total</b>	<b>\$110,791,107</b>	<b>\$132,369,810</b>	<b>39,816</b>	<b>196,563</b>	<b>2,690</b>	<b>25,761</b>

### 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
<b>Total</b>	\$225,786,304	231,751

### Average Solar Incentives PV Installation Cost Per Watt AC-CEC

Cost Per Watt		
Year	UFI/EPBB	PBI
2018	\$4.11	\$2.91
2019	\$4.21	\$4.56

# Solar Thermal Heating (Northern Nevada Gas Customers)

## Program Update

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

March			
	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
<b>Total</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>

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
<b>Total</b>	<b>\$0</b>	<b>0</b>

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
<b>Total</b>	<b>\$135,603</b>	<b>19</b>

# Wind Incentives

## Program Update

No wind incentives projects were received or completed in March.

March						
	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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$26,189,225</b>	<b>\$56,983</b>	<b>9,738</b>	<b>25</b>	<b>159</b>	<b>7</b>



### 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
<b>Total</b>	<b>\$28,025,608</b>

# Hydro Incentives

## Program Update

No hydro incentives projects were received or completed in March.

March						
	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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$395,000</b>	<b>\$1,702,500</b>	<b>158</b>	<b>1,187</b>	<b>3</b>	<b>4</b>



# Energy Storage

## Program Update

The energy storage incentives program received 29 applications and no projects were completed in March.

March				
	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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>

# Electric Vehicle

## Program Update

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

March				
	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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>

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
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>

# 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	\$225,786,304	\$17,499,946	\$243,286,250
Wind	\$25,928,108	\$0	\$25,928,108
Hydro	\$2,097,500	\$0	\$2,097,500
Energy Storage	\$0	\$167,125	\$167,125
Electric Vehicle	\$0	\$586,631	\$586,631
<b>Total</b>	<b>\$253,811,912</b>	<b>\$18,253,702</b>	<b>\$272,065,614</b>

\$295,270,000 Cap Balance				
	Incentives Paid	Incentives Reserved	Electric Vehicle Carveout	Incentive Funds Remaining
<b>Total</b>	<b>\$253,811,912</b>	<b>\$18,253,702</b>	<b>\$14,413,369</b>	<b>\$8,791,017</b>

## 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	231,751	73,079	304,830
Wind	10,003	0	10,003
Hydro	1,345	0	1,345
<b>Total</b>	<b>243,098</b>	<b>73,079</b>	<b>316,177</b>

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

Post electronic auction pricing for Nevada electric highway phase two's request for proposal event was received from the procurement department on March 18, 2019 and is under review.

The Nevada Public Utilities Commission pre-hearing conference for the solar incentive program, docket number 19-02001, was held on March 20, 2019. The hearing set dates for upcoming hearings testimony deadlines. Interveners on the docket include Chargepoint, Tesla and NCARE.

## 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:

- March 16, 2019 → Sun City Anthem Home Expo, Las Vegas
- March 23, 2019 → Solar + Storage for Homeowners Seminar, Las Vegas
- March 30, 2019 → Reno Climate Fair, Reno



# Contact Us

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