

# November 2018 RenewableGenerations Monthly Report



Latin Chamber of Commerce Business and Networking Luncheon  
Las Vegas, NV



## **Table of Contents**

Solar Electric.....	3
Solar Thermal Heating (Northern Nevada Gas Customers).....	5
WindGenerations.....	6
HydroGenerations.....	8
Energy Storage.....	9
Electric Vehicle.....	10
Incentives Summary.....	11
Legislation, Regulation and Compliance.....	12
Workshops, Meetings and Events.....	12
Contact Us.....	13

RenewableGenerations is the renewables incentive program administered by NV Energy under the laws of the Nevada Legislature and regulated by the Public Utilities Commission of Nevada.

# Solar Electric

## Program Update

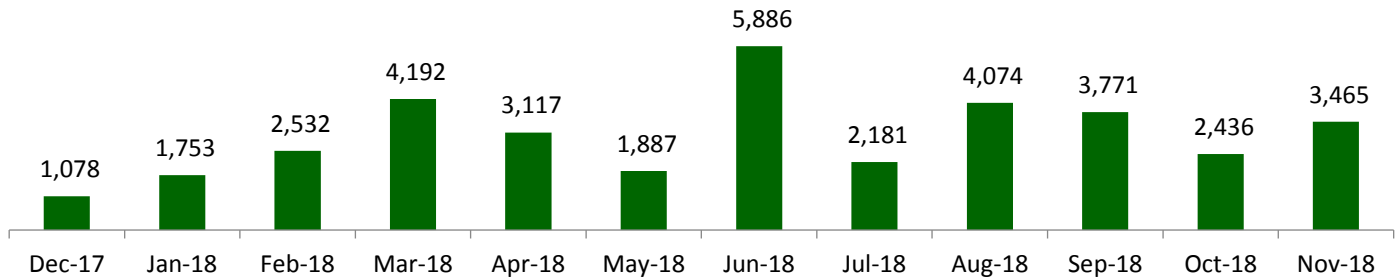
The solar incentive program received 1,192 applications and completed 497 projects in November.

November						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$33,775	\$662,576	164	3,296	33	463
Large Commercial/Industrial	\$10,308	\$24,381	0	0	0	0
Low-Income/Nonprofit	\$1,501	\$1,755	0	5	0	1
School	\$0	\$0	0	0	0	0
Public Entity	\$0	\$3,622	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$0	\$362	0	0	0	0
<b>Total</b>	<b>\$45,584</b>	<b>\$692,696</b>	<b>164</b>	<b>3,301</b>	<b>33</b>	<b>464</b>

Year To Date						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$366,491	\$6,867,191	1,776	33,059	345	4,656
Large Commercial/Industrial	\$147,164	\$477,604	140	69	1	2
Low-Income/Nonprofit	\$161,855	\$315,731	77	101	1	5
School	\$0	\$0	0	0	0	0
Public Entity	\$50,064	\$29,002	0	0	0	0
Public and Other	\$0	\$0	0	0	0	0
Small Commercial	\$2,682	\$51,113	7	40	1	1
<b>Total</b>	<b>\$728,256</b>	<b>\$7,740,641</b>	<b>2,000</b>	<b>33,268</b>	<b>348</b>	<b>4,664</b>

Inception (2004) To Present						
	Incentives Paid		kW Installed		Completed Projects	
	North	South	North	South	North	South
Residential/Small Business	\$8,902,509	\$40,488,993	11,246	143,906	2,181	22,891
Large Commercial/Industrial	\$428,298	\$1,326,514	2,963	7,144	12	19
Low-Income/Nonprofit	\$2,212,684	\$2,642,767	682	1,723	16	42
School	\$60,832,710	\$49,297,179	14,343	12,724	133	171
Public Entity	\$159,839	\$130,365	332	438	4	4
Public and Other	\$37,963,190	\$34,911,442	8,821	9,291	192	161
Small Commercial	\$25,029	\$209,609	92	2,111	13	37
<b>Total</b>	<b>\$110,524,259</b>	<b>\$129,006,869</b>	<b>38,479</b>	<b>177,336</b>	<b>2,551</b>	<b>23,325</b>

### SolarGenerations Capacity Installed by Month (kW)



### SolarGenerations PV Incentives Paid Since July 1, 2010

Spending Toward \$295,270,000 Cap		
	Incentives Paid	kW Installed
<b>Total</b>	\$222,156,515	211,260

### Average SolarGenerations PV Installation Cost Per Watt AC-CEC

Cost Per Watt		
Year	UFI/EPBB	PBI
2017	\$4.12	\$3.08
2018	\$4.08	\$2.91

# Solar Thermal Heating (Northern Nevada Gas Customers)

## Program Update

No solar thermal incentive projects were received or completed in November.

November			
	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>

# WindGenerations

## Program Update

No wind incentive projects were received or completed in November.

November						
	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 2009

Spending Toward \$40,000,000 Cap	
	Incentives Paid
Wind	\$26,246,208
Hydro	\$2,097,500
<b>Total</b>	<b>\$28,343,708</b>

# HydroGenerations

## Program Update

No hydro incentive projects were received or completed in November.

November						
	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	\$650,000	0	750	0	1
<b>Total</b>	<b>\$0</b>	<b>\$650,000</b>	<b>0</b>	<b>750</b>	<b>0</b>	<b>1</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 17 applications and no projects were completed in November.

November				
	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 eight applications and no projects were completed in November.

November				
	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>

# Incentives Summary

## RenewableGenerations Incentives Reserved and Paid Since July 1, 2010

Spending Toward \$295,270,000 Cap			
	Incentives Paid	Incentives Reserved	Total
North	\$126,759,218	\$2,018,881	\$128,778,099
South	\$123,741,005	\$14,716,059	\$138,457,064
<b>Total</b>	<b>\$250,500,223</b>	<b>\$16,734,940</b>	<b>\$267,235,163</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

The Nevada electric highway phase two request for proposal was submitted to the procurement department at NV Energy on November 6, 2018 and was still pending the procurement department's final approval at the end of November.

The Nevada electric highway phase one project for the Indian Springs site was waiting on obtaining final construction permits from Clark County.

The Nevada electric highway phase one project for the Jean site, the customer agreement and sub-grant agreements will be fully executed as of December, 30, 2018. NV Energy is waiting on the final construction budget and equipment specifications.

Sub-grant amendment number one has been executed with the Nevada Governor's Office of Energy in the amount of \$4,010.00 for the lower income solar energy program phase four. This brings the total 2018-2019 sub-grant amount up to \$142,671.00 with an additional \$57,329 having carried over from phase three of the lower income solar energy program. The entire \$200,000 is currently reserved for lower income solar energy program phase four projects. The Nevada Governor's Office of Energy has included, in their 2019 biennium budget, \$200,000 for phase five and \$200,000 for phase six of the lower income solar energy program. Their budget requires approval by the 2019 Legislature which will not be known until late May or early June.

## Workshops, Meetings and Events

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

- November 5, 2018 → Shades of Green Radio Interview, 720 AM & 101.5 FM, Las Vegas
- November 8, 2018 → Southern Nevada Fleet Association, Las Vegas
- November 16, 2018 → Latin Chamber of Commerce Business and Networking Luncheon, Las Vegas
- November 27, 2018 → CES Lunch and Learn, NV Energy, Las Vegas
- November 28, 2018 → CES Lunch and Learn, NV Energy, Reno



# Contact Us

## Website

<https://www.nvenergy.com/cleanenergy>

## Email

[cleanenergy@nvenergy.com](mailto:cleanenergy@nvenergy.com)

## Toll Free

(866) 786-3823

## Mailing Address

NV Energy Clean Energy Programs  
6100 Neil Road  
M/S S2A35  
Reno, NV 89511