

April 2016 RenewableGenerations Monthly Report



Inspection Photo from Las Vegas



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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.

SolarGenerations Program Update



Solar Electric

Program Update

The solar program received 20 applications in April and completed 1,209 projects. With just four months into the year, 2016 is the second largest year for installed capacity since the program began in 2004.

Incentives Paid

April	South	North	Total
Residential/Small Commercial	\$1,257,431	\$14,922	\$1,272,353
Large Commercial/Industrial	\$2,582	\$0	\$2,582
Low-Income/Nonprofit	\$0	\$7,366	\$7,366
Public Entity	\$0	\$0	\$0
Public and Other	\$0	\$0	\$0
Small Commercial	\$1,623	\$0	\$1,623
Total	\$1,261,636	\$22,288	\$1,283,924

Year To Date	South	North	Total
Residential/Small Commercial	\$4,064,914	\$248,640	\$4,313,554
Large Commercial/Industrial	\$2,582	\$0	\$2,582
Low-Income/Nonprofit	\$0	\$7,366	\$7,366
Public Entity	\$0	\$0	\$0
Public and Other	\$0	\$0	\$0
Small Commercial	\$7,950	\$1,310	\$9,260
Total	\$4,075,446	\$257,316	\$4,332,762

Total	South	North	Total
Residential/Small Commercial	\$28,952,143	\$8,346,988	\$37,299,131
Large Commercial/Industrial	\$2,582	\$0	\$2,582
Low-Income/Nonprofit	\$9,046	\$15,554	\$24,600
Public Entity	\$7,227	\$16,923	\$24,150
School	\$49,665,526	\$61,003,687	\$110,669,213
Public and Other	\$33,411,442	\$36,213,190	\$69,624,632
Small Commercial	\$63,191	\$21,965	\$85,156
Total	\$112,111,157	\$105,618,307	\$217,729,464

Capacity (kW) Installed

April	South	North	Total
Residential/Small Commercial	7,510.198	99.193	7,609.391
Large Commercial/Industrial	19.612	0.000	19.612
Low-Income/Nonprofit	0.000	9.715	9.715
Public Entity	0.000	0.000	0.000
Public and Other	0.000	0.000	0.000
Small Commercial	12.099	0.000	12.099
Total	7,541.909	108.908	7,650.817

Year To Date	South	North	Total
Residential/Small Commercial	22,373.708	1,648.052	24,021.760
Large Commercial/Industrial	19.612	0.000	19.612
Low-Income/Nonprofit	0.000	9.715	9.715
Public Entity	0.000	0.000	0.000
Public and Other	0.000	0.000	0.000
Small Commercial	27.917	3.275	31.192
Total	22,421.237	1,661.042	24,082.279

Total	South	North	Total
Residential/Small Commercial	84,732.284	8,416.592	93,148.876
Large Commercial/Industrial	19.612	0.000	19.612
Low-Income/Nonprofit	14.900	19.950	34.850
Public Entity	9.034	21.154	30.188
School	13,316.003	14,308.885	27,624.888
Public and Other	8,482.355	8,643.286	17,125.641
Small Commercial	254.154	58.911	313.065
Total	106,828.342	31,468.778	138,297.120

Capacity Installed by Month (kW)



Completed Projects

April	South	North	Total
Residential/Small Commercial	1,187	18	1,205
Large Commercial/Industrial	1	0	1
Low-Income/Nonprofit	0	1	1
Public Entity	0	0	0
Public and Other	0	0	0
Small Commercial	2	0	2
Total	1,190	19	1,209

Year To Date	South	North	Total
Residential/Small Commercial	3,573	330	3,903
Large Commercial/Industrial	1	0	1
Low-Income/Nonprofit	0	1	1
Public Entity	0	0	0
Public and Other	0	0	0
Small Commercial	4	1	5
Total	3,578	332	3,910

Total	South	North	Total
Residential/Small Commercial	13,960	1,603	15,563
Large Commercial/Industrial	1	0	1
Low-Income/Nonprofit	9	2	11
Public Entity	1	2	3
School	170	131	301
Public and Other	158	190	348
Small Commercial	16	11	27
Total	14,315	1,939	16,254

Average SolarGenerations PV Installation Cost Per Watt AC-CEC

Year	Cost per Watt	
	UFI	PBI
2015	\$4.80	\$3.54
2016	\$4.45	\$2.23

SolarGenerations PV Incentives Paid Since July 1, 2010

Spending Toward \$255,270,000 Cap	
Total	\$200,438,704



SolarGenerations Program Update

Solar Heating

Program Update

Four SolarGenerations Solar Heating projects were completed in April.

Active Projects

Total	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	0	0	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
School	0	0	0
Public and Other	0	0	1
Small Commercial	0	0	0
Total	0	0	1

Total Liabilities	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	\$0	\$0	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
School	\$0	\$0	\$0
Public and Other	\$0	\$0	\$30,000
Small Commercial	\$0	\$0	\$0
Total	\$0	\$0	\$30,000

Projects Completed

April	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	1	3	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
Small Commercial	0	0	0
Total	1	3	0

Year To Date	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	1	5	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
Small Commercial	0	0	0
Total	1	5	0

Total	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	43	64	13
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
School	0	0	1
Public and Other	0	0	4
Small Commercial	0	0	0
Total	43	64	18

Incentives Paid

April	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	\$2,250	\$6,750	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
Small Commercial	\$0	\$0	\$0
Total	\$2,250	\$6,750	\$0

Year To Date	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	\$2,250	\$11,250	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
Small Commercial	\$0	\$0	\$0
Total	\$2,250	\$11,250	\$0

Total	South Electric	North Electric	North Natural Gas
Residential/Small Commercial	\$83,000	\$142,000	\$26,907
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
School	\$0	\$0	\$8,949
Public and Other	\$0	\$0	\$69,747
Small Commercial	\$0	\$0	\$0
Total	\$83,000	\$142,000	\$105,603



WindGenerations Program Update

WindGenerations

Program Update

No projects were completed in April.

Capacity (kW) Installed

April	South	North	Total
Residential/Small Commercial	0.000	0.000	0.000
Large Commercial/Industrial	0.000	0.000	0.000
Low-Income/Nonprofit	0.000	0.000	0.000
Public Entity	0.000	0.000	0.000
Small Commercial	0.000	0.000	0.000
Total	0.000	0.000	0.000

Year To Date	South	North	Total
Residential/Small Commercial	0.000	0.000	0.000
Large Commercial/Industrial	0.000	0.000	0.000
Low-Income/Nonprofit	0.000	0.000	0.000
Public Entity	0.000	0.000	0.000
Small Commercial	0.000	0.000	0.000
Total	0.000	0.000	0.000

Total	South	North	Total
Residential/Small Commercial	24.570	582.200	606.770
Large Commercial/Industrial	0.000	0.000	0.000
Low-Income/Nonprofit	0.000	0.000	0.000
Public Entity	0.000	0.000	0.000
School	2.600	364.800	367.400
Agriculture	0.000	9,068.740	9,068.740
Public and Other	0.000	85.800	85.800
Small Commercial	0.000	0.000	0.000
Total	27.170	10,101.540	10,128.710

Incentives Paid

April	South	North	Total
Residential/Small Commercial	\$0	\$0	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
Small Commercial	\$0	\$0	\$0
Total	\$0	\$0	\$0

Year To Date	South	North	Total
Residential/Small Commercial	\$0	\$0	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
Small Commercial	\$0	\$0	\$0
Total	\$0	\$0	\$0

Total	South	North	Total
Residential/Small Commercial	\$49,183	\$1,403,080	\$1,452,263
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
School	\$7,800	\$1,369,200	\$1,377,000
Agriculture	\$0	\$23,121,745	\$23,121,745
Public and Other	\$0	\$295,200	\$295,200
Small Commercial	\$0	\$0	\$0
Total	\$56,983	\$26,189,225	\$26,246,208

Projects Completed

April	South	North	Total
Residential/Small Commercial	0	0	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
Small Commercial	0	0	0
Total	0	0	0

Year To Date	South	North	Total
Residential/Small Commercial	0	0	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
Small Commercial	0	0	0
Total	0	0	0

Total	South	North	Total
Residential/Small Commercial	6	54	60
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
School	1	4	5
Agriculture	0	91	91
Public and Other	0	10	10
Small Commercial	0	0	0
Total	7	159	166

Wind and Hydro Incentives Paid Since July 1, 2009

Spending Toward \$40,000,000 Cap	
Wind	\$26,163,708
Hydro	\$1,447,500
Grand Total	\$27,611,208

HydroGenerations Program Update



HydroGenerations

Program Update

No projects were completed in April.

Capacity Installed (kW)

April	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	0.000	0.000	0.000
Large Commercial/Industrial	0.000	0.000	0.000
Low-Income/Nonprofit	0.000	0.000	0.000
Public Entity	0.000	0.000	0.000
Small Commercial	0.000	0.000	0.000
Total	0.000	0.000	0.000

Year To Date	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	0.000	0.000	0.000
Large Commercial/Industrial	0.000	0.000	0.000
Low-Income/Nonprofit	0.000	0.000	0.000
Public Entity	0.000	0.000	0.000
Small Commercial	0.000	0.000	0.000
Total	0.000	0.000	0.000

Total	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	0.000	0.000	0.000
Large Commercial/Industrial	0.000	0.000	0.000
Low-Income/Nonprofit	0.000	0.000	0.000
Public Entity	0.000	0.000	0.000
Tribes	0.000	0.000	0.000
Agriculture	158.000	437.000	595.000
School	0.000	0.000	0.000
Public and Other	0.000	0.000	0.000
Small Commercial	0.000	0.000	0.000
Total	158.000	437.000	595.000

Incentives Paid

April	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	\$0	\$0	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
Small Commercial	\$0	\$0	\$0
Total	\$0	\$0	\$0

Year To Date	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	\$0	\$0	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
Small Commercial	\$0	\$0	\$0
Total	\$0	\$0	\$0

Total	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	\$0	\$0	\$0
Large Commercial/Industrial	\$0	\$0	\$0
Low-Income/Nonprofit	\$0	\$0	\$0
Public Entity	\$0	\$0	\$0
Tribes	\$0	\$0	\$0
Agriculture	\$395,000	\$1,052,500	\$1,447,500
School	\$0	\$0	\$0
Public and Other	\$0	\$0	\$0
Small Commercial	\$0	\$0	\$0
Total	\$395,000	\$1,052,500	\$1,447,500

Projects Completed

April	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	0	0	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
Small Commercial	0	0	0
Total	0	0	0

Year To Date	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	0	0	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
Small Commercial	0	0	0
Total	0	0	0

Total	Net-Metered	Non Net-Metered	Total
Residential/Small Commercial	0	0	0
Large Commercial/Industrial	0	0	0
Low-Income/Nonprofit	0	0	0
Public Entity	0	0	0
Tribes	0	0	0
Agriculture	3	3	6
School	0	0	0
Public and Other	0	0	0
Small Commercial	0	0	0
Total	3	3	6

Legislation, Regulation and Compliance

Legislation, Regulation and Compliance

April 4: In Docket 16-02006, the Public Utilities Commission of Nevada granted a petition for leave to intervene for Nevadans for Clean Affordable Reliable Energy (NCARE) and denied a petition for leave to intervene for Energy Freedom Coalition of America.

April 4: In Docket 14-12028, the Truckee-Carson Irrigation District filed a letter with the Public Utilities Commission of Nevada indicating that due to physical property issues, they would not be able to complete their HydroGenerations project.

Workshops, Meetings, and Events

Coral Academy STEM Fair

April 23: RenewableGenerations attended the annual Coral Academy of Science Interactive Science Technology Engineering Arts Mathematics (STEAM) Expo. Attendees toured the RenewableGenerations demonstration trailer and learned about different forms of renewable energy.



Earth Day

April 24: RenewableGenerations participated in the annual Reno Earth Day celebration at Idlewild Park. The event draws thousands of attendees each year, allowing NV Energy to connect with customers and inform them of our many renewable energy and energy conservation programs.



Bring Your Daughters and Sons to Work Day

April 28: RenewableGenerations participated in NV Energy's "Bring Your Daughters and Sons to Work Day," which gave attendees a glimpse into the different roles and departments at NV Energy. Participants toured the RenewableGenerations trailer to learn about different forms of renewable energy and got to ride in electric vehicles.

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