

RenewableGenerations

Greg Kern
NV Energy

Director of Customer Renewable Generation
and Energy Efficiency

November 3, 2009

EXHIBIT K - ENERGY
Document consists of 12 pages.
Entire exhibit provided.
Meeting Date: 11-03-09

Solar Energy Demonstration Program 2003

- Program established in 2003 as Pilot Program
- AB431 –Originally assigned by Legislature to the Nevada Task Force on Renewable Energy and Energy Efficiency
- 3 year pilot program
- 500kW first year
- No waiting list concept included
- Fully subscribed in two weeks
- Rebates started at \$5.00/watt

Solar Energy Demonstration Program 2005

- AB3 – Modified program in 2005 Legislature Increased capacity to 1,900 kW/year
- Application process remained the same
- Increase in capacity occurred after application period was closed.
- Fully subscribed in a few days

RenewableGenerations 2007

- Senate Bill 437 ended Solar Energy Demonstration Program
- Replaced with permanent Solar Energy Systems Incentive Program
- Created Wind and Water Demonstration Programs
- Increased program year capacity to 3.7MW
- No change to application/approval process
- Certified PV Installer process begun
- Residential/Small Business category fully subscribed in one day

RenewableGenerations 2009

- 2009 Legislature eliminated the Task Force
- Made NV Energy approver of applications
- Shortened public building and school construction period to 12 months
- Added an annual 9% capacity adder

RenewableGenerations Milestones YTD 2009

- Over 3MW installed
- More than 1 MW installed in 2009
- Over 500 projects completed
- More than \$10.7 million in incentives paid

kW Installed To Date Report

SolarGenerations				WindGenerations			HydroGenerations		
kW Installed				kW Installed			kW Installed		
Month	2008	2009	Projected	Month	2009	Projected	Month	2009	Projected
January	35.161	156.764	Actual	January	5.200	Actual	January	0.000	Actual
February	3.436	53.759	Actual	February	10.000	Actual	February	0.000	Actual
March	9.659	100.367	Actual	March	5.200	Actual	March	0.000	Actual
April	16.379	49.504	Actual	April	2.600	Actual	April	0.000	Actual
May	61.801	154.871	Actual	May	3.800	Actual	May	0.000	Actual
June	95.598	131.548	Actual	June	6.200	Actual	June	0.000	Actual
July	67.588	167.606	Actual	July	7.800	Actual	July	0.000	Actual
August	66.146	77.760	Actual	August	15.000	Actual	August	0.000	Actual
September	67.368	125.107	Actual	September	2.600	Actual	September	0.000	Actual
October	19.358		113.032	October		6.489	October		0.000
November	33.870		113.032	November		6.489	November		0.000
December	9.437		113.032	December		6.489	December		93.000
Total kW 485.801 1017.286 339.096				2009 Total kW 58.400 19.467			2009 Total kW 0.000 93.000		

RenewableGenerations Total Installs to date: 1,075.686 kW

Projected Installs for 2009: 1,527.249 kW

Total RenewableGenerations Installs to date: 3.002 MW!!!



SolarGenerations

- Began in 2004
- Program fully subscribed
- 487 projects completed
- 2,843.5 kW installed
- \$10.6 paid in incentives

Approval Letters/kW Outstanding

Approval Letters Outstanding				
Program Year	Category	Outstanding	Total kW	
2007/2008 (4)	Public Buildings	15	436.399	
	Schools	6	345.164	expires 12/13/09
2008/2009 (5)	Res/Sm Business	64	593.309	
	Public Buildings	62	1810.086	
	Schools	61	2971.492	
2009/2010 (6)	Res/Sm Business	322	1908.638	
	Public Buildings	22	741.75	
	Schools	49	1933.563	
Total		601	10740.401	

WindGenerations

- Began in 2007
- 151 Applications received
- 828.89 kW approved – 16.6% of total program goal
- 20 projects completed
- 58.4 kW installed
- \$147,300 in incentives paid

HydroGenerations

- Began in 2007
- 7 Applications received
- 75.5 kW approved – 15.1% of total program goal
- No projects complete
- One project (Young Brothers) asking PUCN for greater than 50 kW size limit

Current PUCN Activity

- Dockets involving Renewable Programs
 - SB358 Rulemaking
 - RenewableGenerations Investigation
 - Third party ownership
 - Solar thermal (SB188)