

## Renewable Energy Program Status

January 18, 2005

	Funding*	Status	aMW	Compared to 2012 Goal
<b>Open Solicitation Program Demonstration Projects</b>				
• Brewery Blocks integrated 22.4 KW PV	\$167,000	Operating	0.0030	
• Umpqua CDC 3.9 KW PV	\$20,664	Operating	0.0005	
• Kettle Foods 114 KW PV	\$112,000	Operating	0.0137	
• Apeasay Orchards 22 KW wind	\$23,119	Operating	0.0050	
• Klamath Falls Pepsi Solar (171 KW)	\$210,000	Operating	0.0263	
<i>Finalizing</i>				
• Albany 511 KW hydroelectric project	\$475,000	Final Engineering	0.2850	
• City of Portland 10 KW wind	\$37,000	Permitted	0.0015	
• City of Corvallis Stirling engine (55 KW)	\$49,424	Constructing	0.0020	
• Douglas Forest Products Biomass (3 MW)	up to \$726,000	Negotiating PPA	2.6000	
• Hull, Newberg Small Wind Turbine (7.5 KW)	\$10,226	Constructing	0.0025	
<i>Under consideration</i>				
• Gresham Wastewater Biogas (395 KW)	TBD	Reviewing		
• Dry Creek Landfill (2.5 MW)	TBD	Reviewing		
<i>Other</i>				
• Threemile Canyon Farms biogas		Withdrawn		
• Arlington wind project (4.5MW)		On hold		
• China Hollow Sherman County wind (1.5MW)		On hold		
• Swanson, Glendale Mill Biomass (8 MW)		Feasibility Study		
• Lakeview Biomass (4-8 MW)		Feasibility Studies		
<b>Solar Electric Program: 2003</b>		74 systems installed	0.0269	
<b>Solar Electric Program: 2004</b>				
• Installed systems (322 KW)	\$1,121,492	103 (see pg. 2)	0.0469	
• Committed systems (162 KW)	\$475,296	47 (see pg. 2)	0.0236	
• Resource and equipment monitoring	\$73,000	6 systems being monitored		
• Demonstration projects	\$250,000			
Mosier Community Solar 4.3 KW	\$45,000	Operating	0.0006	
Portland Fire Departments (2 @ 6-KW )	\$55,000	One completed	0.0008	
Bend-LaPine Schools 5.3 KW	\$35,000	Operating	0.0007	
BEF Solar Schools 5 KW	\$43,000	4 of 5 in construction		
Selma Community Center ~ 6 KW	\$35,000	Contracting		
Corvallis Community Solar ~ 8.8 KW	\$12,000	Contracted		
Beaverton Montessori School ~ 6 KW	\$25,000	Contracted		
• Equipment grants for training centers	\$54,000	9 delivered	0.0013	
• Program Evaluation	\$65,000	Completed		
<b>Wind Program</b>				
• Anemometer Loan Program	\$68,000	6 installed, 3 pending		
• Small Wind Program				
Initial Market Analysis	\$49,700	Completed		
Program Design	TBD	Met with OOE		
<b>Utility-Scale Program</b>				
• 41 MW Combine Hills wind, Milton-Freewater, Oregon	\$3,800,000	Operating	14.2500	
• PacifiCorp RFP: In process	\$1,850,000	Evaluating 2 finalists	TBD	
• PGE RFP: Klondike II (75 MW)		PPA Signed	26.7000	
<b>Other</b>				
• Biomass program design	\$59,500	Finished market study		
* Listed amounts do not include staff time or overhead			43.9903	9.8%

## 2004 Solar Electric Program Statistics as of 12/06/04

	Committed	Installed/Paid	Total
Total projects	47	105	152
Total incentives	\$475,296	\$1,121,492	\$1,596,787
Total watts	162,373 watts	322,538 watts	484,911 watts

### PGE

#### Projects

- Commercial Projects	3	2	5
- Residential Projects	10	15	25
- Total	13	17	30

#### Incentives

- Commercial	\$31,860	\$15,458	\$47,318
- Residential	\$101,594	\$159,875	\$261,469
- Total	\$133,454	\$175,333	\$308,787

#### Watts

- Commercial	14,160 watts	6,870 watts	21,030 watts
- Residential	31,066 watts	41,706 watts	72,772 watts
- Total	45,226 watts	48,576 watts	93,802 watts

Average size of residential system in PGE territory	2,911 watts (avg)
Average size of commercial system in PGE territory	4,206 watts (avg)
% committed/paid of total solar incentive budget	14%
% of committed/paid of total PGE budget	56%
Balance remaining of PGE budget	\$241,413

### Pacific Power

#### Projects

- Commercial Projects	6	7	13
- Residential Projects	28	81	109
- Total	34	88	122

#### Incentives

- Commercial	\$75,331	\$90,051	\$165,382
- Residential	\$266,511	\$856,108	\$1,122,619
- Total	\$341,842	\$946,159	\$1,288,001

#### Watts

- Commercial	35,814 watts	42,240 watts	78,054 watts
- Residential	81,333 watts	231,722 watts	313,055 watts
- Total	117,147 watts	273,962 watts	391,109 watts

Average size of residential system in Pac territory	2,872 watts (avg)
Average size of commercial system in Pac territory	6,004 watts (avg)
% committed/paid of total solar incentive budget	57%
% committed/paid of total Pacific Power budget	76%
Balance remaining of Pacific Power budget	\$411,800