

**Attachment 5.3.1**  
**Avangrid – Operating Projects**

Avangrid Off-Take Summary				
Project Name	Location	Control Structure	Capacity	Customers
Klamath Cogeneration	Klamath Falls, Oregon	Own	535 MW Cogen., 100 MW Peakers	Various
San Luis Solar	Colorado	Own	30 MW	Xcel/PSCo
Copper Crossing Solar	Arizona	Own	20 MW	Salt River Project
Simpson Biomass	Western Washington	PPA	43 MW	SMUD
Baffin	Texas	Own	202 MW	Merchant
Barton 1	Iowa	Own	80 MW	NIPSCO, WPPI Energy
Barton 2	Iowa	Own	80 MW	Merchant
Barton Chapel	Texas	Own	120 MW	Pending
Big Horn	Washington	Own	200 MW	Modesto, Santa Clara, Redding
Big Horn II	Washington	Own	50 MW	Modesto, Santa Clara, Redding
Blue Creek	Ohio	Own	304 MW	AMP, First Energy, The Ohio State University
Buffalo Ridge	South Dakota	Own	50.4 MW	NIPSCO
Buffalo Ridge II	South Dakota	Own	210 MW	Merchant
Casselman	Southwest Pennsylvania	Own	35 MW	First Energy
Cayuga Ridge	Illinois	Own	300 MW	TVA
Colorado Green	Southeast Colorado	50/50 JV with Shell	81 MW	Xcel/PSCo
Dillon	Southern California	Own	45 MW	Southern California Edison
Dry Lake I and II	Arizona	Own	128 MW	Salt River Project
El Cabo	New Mexico	Own	298 MW	Southern California Edison
Elk River	Southeast Kansas	Own	150 MW	Empire District Electric Company
Elm Creek	Southwest Minnesota	Own	100 MW	Great River Energy
Elm Creek II	Southwest Minnesota	Own	148.8 MW	We Energies
Farmers City	Missouri	Own	146 MW	Merchant
Flying Cloud	Northwest Iowa	Own	25 MW	Interstate Power & Light (Alliant)
Groton	New Hampshire	Own	48 MW	Massachusetts Utilities
Hay Canyon	Central Oregon	Own	101 MW	Snohomish PUD
High Winds	Northern California	PPA with NextEra	162 MW	SMUD, Merced, Modesto, Palo Alto, Alameda, SCPPA
Hoosac	Massachusetts	Own	28.5 MW	Massachusetts Utilities
Klondike II	Central Oregon	Own	75 MW	Portland General Electric
Klondike III	Central Oregon	Own	224 MW	EWEB, PG&E, PSE, BPA
Klondike IIIa	Central Oregon	Own	76 MW	PG&E
Klondike I	Central Oregon	Own	24 MW	BPA
Lempster	New Hampshire	Own	24 MW	Southern New Hampshire University
Locust Ridge	Pennsylvania	Own	26 MW	PPL Energy Plus
Locust Ridge II	Pennsylvania	Own	102 MW	PPL Energy Plus, Thomas Jefferson University Hospital, Mainline Health System, Albert Einstein Health System, Frankford Hospitals, McGee Rehabilitation, Christiana Care
Manzana	California	Own	189 MW	SDG&E, Silicon Valley Power, Los Angeles Department of Water & Power
Maple Ridge I	Northern New York	50/50 JV with EDP	116 MW	NYSERDA
Maple Ridge II	Northern New York	50/50 JV with EDP	45 MW	New York Power Authority
MinnDakota	Southwest Minnesota	Own	150 MW	Northern States Power (Xcel)
Moraine	Southwest Minnesota	Own	49 MW	Northern States Power (Xcel)
Moraine II	Southwest Minnesota	Own	50 MW	Northern States Power (Xcel)
Mountain View III	Southern California	Own	25 MW	SDG&E
New Harvest	Iowa	Own	100 MW	Ameren Illinois, Commonwealth Edison
Pebble Springs	Central Oregon	Own	99 MW	SCPPA
Peñascal I	Texas	Own	202 MW	City of San Antonio, South Texas Electric Co-op
Peñascal II	Texas	Own	202 MW	
Providence Heights	Illinois	Own	72 MW	Commonwealth Edison
Rugby	North Dakota	Own	149 MW	Missouri River Energy Services, CMMPA, UMPA
Shiloh	Northern California	Own	150 MW	PG&E, Palo Alto, MID
Southwest Wyoming	Southwest Wyoming	PPA with NextEra	144 MW	LADWP, Anaheim, Glendale, Burbank, UAMPS
Star Point	Central Oregon	Own	99 MW	Modesto Irrigation District
Top of Iowa II	Northern Iowa	Own	80 MW	Madison Gas & Electric, Wisconsin Public Power
Trimont	Southwest Minnesota	Own	100 MW	Great River Energy
Tule	Southern California	Own	132 MW	Southern California Edison
Twin Buttes	Southeast Colorado	Own	75 MW	Public Service Company of Colorado (Xcel)
Winnebago	Iowa	Own	20 MW	Dairyland Power
Total			5885	