

Table 6.4

## Current and Proposed Utility-scale Renewable Energy Facilities in the State of Utah

Note: This table only includes utility-scale facilities and select commercial scale facilities over 1 MW. Several more commercial and residential units exist throughout the state but are not included in this list (see Table 6.7).

Red font indicates proposed project.

last updated: 9/7/2016

Technology	# of Facilities	Capacity (kW)
Biomass	4	12,800
<b>Biomass - Proposed</b>	<b>0</b>	<b>0</b>
Geothermal	3	83,800
<b>Geothermal - Proposed</b>	<b>1</b>	<b>30,000</b>
Solar	14	165,100
<b>Solar - Proposed</b>	<b>10</b>	<b>681,000</b>
Wind	4	386,500
<b>Wind - Proposed</b>	<b>2</b>	<b>179,500</b>
Hydro	64	286,492
<b>Hydro - Proposed</b>	<b>1</b>	<b>20</b>
<b>Total</b>	<b>89</b>	<b>934,692</b>

Technology	Owner / Operator	Plant Name / Location	Capacity (kW)
Biomass - landfill gas	Granger Electric Co.	Trans-Jordan Landfill	4,800
Biomass - landfill gas	Salt Lake Valley Landfill	Salt Lake Valley Landfill	3,200
Biomass - other gas	Blue Mountain Biogas	Beaver County	3,200
Biomass - MSW	Wasatch Energy Systems	Davis County Landfill	1,600
Geothermal	PacifiCorp	Blundell	44,800
Geothermal	Enel Green Power	Cove Fort	25,000
Geothermal	Thermo No. 1	Thermo Hot Springs	14,000
<b>Geothermal</b>	<b>PacifiCorp</b>	<b>Blundell expansion</b>	<b>30,000</b>
Solar - PV	Scatec Solar	Red Hills Renewable Park - Iron Co.	80,000
Solar - PV	Dominion	Pavant I - Millard Co.	50,000
Solar - PV	SunEdison	Beryl - Seven Sisters - Iron Co.	3,000
Solar - PV	SunEdison	Cedar Valley - Seven Sisters - Iron Co.	3,000
Solar - PV	SunEdison	Buckhorn - Seven Sisters - Iron Co.	3,000
Solar - PV	SunEdison	Milford Flats - Seven Sisters - Beaver Co.	3,000
Solar - PV	SunEdison	Laho - Seven Sisters - Beaver Co.	3,000
Solar - PV	SunEdison	Granite Peak - Seven Sisters - Beaver Co.	3,000
Solar - PV	SunEdison	Fiddler's Canyon #1 - Iron Co.	3,000
Solar - PV	SunEdison	Fiddler's Canyon #2 - Iron Co.	3,000
Solar - PV	SunEdison	Fiddler's Canyon #3 - Iron Co.	3,000
Solar - PV	SunEdison	Milford 2 - Beaver Co.	3,000
Solar - PV	REUT Origination	South Milford - Beaver Co.	2,900
Solar - PV	SunEdison	Greenville - Seven Sisters - Beaver Co.	2,200
Solar - PV	Rio Tinto Stadium	Sandy	2,020
Solar - C	Tooele Army Depot	Tooele County	1,500
Solar - PV	Salt Palace Convention Center	Salt Lake City	1,300
Solar - PV	IKEA	Salt Lake County	1,014
Solar - PV	Kroger (Smiths)	Layton	1,000
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Escalante I - Four Brothers - Beaver Co.</b>	<b>80,000</b>
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Escalante II - Four Brothers - Beaver Co.</b>	<b>80,000</b>
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Escalante III - Four Brothers - Beaver Co.</b>	<b>80,000</b>
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Enterprise - Four Brothers - Iron Co.</b>	<b>80,000</b>
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Granite Mountain Solar West - Iron Co.</b>	<b>51,000</b>
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Granite Mountain Solar East - Iron Co.</b>	<b>80,000</b>
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Iron Springs - Iron Co.</b>	<b>80,000</b>
<b>Solar - PV</b>	<b>PacifiCorp</b>	<b>Holden - Millard Co.</b>	<b>20,000</b>
<b>Solar - PV</b>	<b>Dominion</b>	<b>Pavant II - Millard Co.</b>	<b>50,000</b>
<b>Solar - PV</b>	<b>SunEdison</b>	<b>Three Peaks - Iron Co.</b>	<b>80,000</b>
Wind	First Wind	Milford Wind Corridor, northern Beaver County, Phase I: 97 2.1-MW turbines	203,500
Wind	First Wind	Milford Wind Corridor, northern Beaver County and southern Millard County, Phase II (68 1.5-MW turbines)	102,000
Wind	sPower - Wasatch Wind	Latigo Wind Park, San Juan County, 27 2.3-MW turbines	62,100
Wind	Edison International	Spanish Fork (9 turbines at 2.1 MW each)	18,900
Wind	Tooele Army Depot	Tooele (2 turbines)	3,500
Wind	U.S. Department of Defense	Camp Williams - two turbines - 225 kW & 665 kW	890
<b>Wind</b>	<b>First Wind</b>	<b>Milford Wind Corridor, northern Beaver County and southern Millard County, Phase III</b>	<b>100,000</b>
<b>Wind</b>	<b>Greenbriar Capital Corp.</b>	<b>Blue Mountain, San Juan County</b>	<b>79,500</b>

Hydro	U.S. Bureau of Reclamation	Flaming Gorge	151,800
Hydro	PacifiCorp	Cutler	30,000
Hydro	PacifiCorp	Olmstead	10,300
Hydro	Heber Light and Power Dept.	Jordanelle	10,000
Hydro	Logan City Mun. Light and Power	Hydro II	6,600
Hydro	PacifiCorp	Pioneer	5,000
Hydro	U.S. Bureau of Reclamation	Deer Creek	4,800
Hydro	Murray City Power Dept.	Little Cottonwood	4,800
Hydro	Bountiful City Light and Power	Echo Dam	4,400
Hydro	Garkane Power Assn. Inc.	Boulder	4,200
Hydro	Weber Basin Water Conserv. Dist.	Gateway	4,000
Hydro	PacifiCorp	Weber	3,800
Hydro	Strawberry Water Users Assn.	Spanish Fork	3,600
Hydro	Ephraim City Power Dept.	Hydro Plant No. 3	2,800
Hydro	Beaver City Corp.	Upper Beaver	2,500
Hydro	Washington County WCD	Quail Creek #1	2,300
Hydro	Weber Basin Water Conserv. Dist.	Causey	2,100
Hydro	PacifiCorp	Granite	2,000
Hydro	Weber Basin Water Conserv. Dist.	Wanship	1,900
Hydro	Bountiful City Light and Power	Pine View Dam	1,800
Hydro	Brigham City Light and Power	Brigham City	1,800
Hydro	Manti Light and Power Company	Manti Upper	1,600
Hydro	Heber Light and Power Dept.	Lake Creek	1,500
Hydro	Logan City Mun. Light and Power	Hydro III	1,500
Hydro	Springville Mun. Power and Light Dept.	Bartholomew	1,500
Hydro	Mt Pleasant Mun. Elec. And Power Dept.	Unit 4	1,200
Hydro	Manti Light and Power Company	Manti Lower	1,200
Hydro	Moon Lake Electric Assn. Inc.	Uintah	1,200
Hydro	PacifiCorp	Snake Creek	1,200
Hydro	PacifiCorp	Stairs	1,000
Hydro*	Moon Lake Electric Assn. Inc.	Yellowstone	900
Hydro*	Heber Light and Power Dept.	Snake Creek	800
Hydro*	PacifiCorp	Sand Cove	800
Hydro*	PacifiCorp	Gunlock	750
Hydro*	Garkane Power Assn. Inc.	Lower Boulder	700
Hydro*	Beaver City Mun. Elec. Light and Water	Beaver Upper Hydro 3	650
Hydro*	Beaver City Mun. Elec. Light and Water	Beaver Mid Hydro 2	625
Hydro*	Parawon City Electrical Dept.	Red Creek / Paragonah	600
Hydro*	Parowan City Electrical Dept.	Center Creek	600
Hydro*	St George City Water and Power Dept.	Pine Valley	600
Hydro*	Brigham City Light and Power	Box Elder	500
Hydro*	Hyrum City Corp.	Hyrum	500
Hydro*	Nephi Municipal Electric Dept.	Salt Creek	500
Hydro*	PacifiCorp	Veho	500
Hydro*	Springville Mun. Power and Light Dept.	Spring Creek	500
Hydro*	Strawberry Water Users Assn.	Payson	400
Hydro**	Thayn Lee R and A Leon	Thayn	400
Hydro*	St. George City Water and Power Dept.	Gunlock Hydro	372
Hydro**	BMB Enterprises Inc.	Granite Creek	350
Hydro*	Springville Mun. Power and Light Dept.	Hobble Creek	300
Hydro*	Spring City Light and Power Plant	Spring City Hydro	300
Hydro*	Beaver City Mun. Elec. Light and Water	Beaver Lower Hydro 1	275
Hydro*	Monroe City Elec. Light Dept.	Lower	260
Hydro*	Monroe City Elec. Light Dept.	Upper	260
Hydro*	Mt Pleasant Mun. Elec. And Power Dept.	Unit 3	225
Hydro*	Levan Mun. Elec. Light System	Pigeon Creek	210
Hydro*	Ephraim City Power Dept.	Hydro Plant No. 1	200
Hydro*	Nephi Municipal Electric Dept.	Bradley	200
Hydro*	Springville Mun. Power and Light Dept.	Upper Bartholomew	200
Hydro*	PacifiCorp	Fountain Green	160
Hydro**	Douglass George	Deep Creek	125
Hydro*	Ephraim City Power Dept.	Hydro Plant No. 4	120
Hydro*	Levan Mun. Elec. Light System	Cobble Rock	110
Hydro*	Monroe City Elec. Light Dept.	Monroe Pumping Station	100
<b>Hydro</b>	<b>Ogden City Hydro</b>	<b>Ogden</b>	<b>20</b>

Source: [EIA, Electric Generating Capacity, 2014 - Form EIA-860](#)  
Personnel contacts, newspaper articles, Rocky Mountain Power

For Hydro Only:

No asterisk - recorded by EIA (2006)

\* - recorded by EIA (2000)

\*\* - recorded by NREL but not EIA

Note: This table only includes facilities that are 100 kW or greater and does not include direct-use geothermal facilities