

Table 6.8 Current and Proposed Commercial and Utility-scale Renewable Energy Facilities in the State of Utah

This table only lists commercial and utility-scale facilities. Several residential units exist throughout the state but are not included in this list.

Red font indicates proposed project.

last updated: 10/6/2009

Technology	# of Facilities	Capacity (kW)
Biomass	3	7,800
Biomass - Proposed	2	6,850
Geothermal	2	50,100
Geothermal - Proposed	5	234,000
Solar	68	1,162
Solar - Proposed	10	224
Wind	7	19,801
Wind - Proposed	5	1,074,205
Hydro	64	286,492
Hydro - Proposed	0	0
<b>Total</b>	<b>144</b>	<b>365,355</b>

Technology	Owner / Operator	Plant Name / Location / Use	Capacity (kW)	
Biomass - landfill gas	Salt Lake Valley Landfill	Salt Lake Valley Landfill / used by Murray City	3,200	
Biomass - landfill gas	Trans-Jordan Landfill / Granger Energy Co.	Trans-Jordan Landfill / to used by Interstate Brick Co.	3,000	
Biomass - landfill gas	Davis County Landfill	Davis County Landfill / Layton / power goes to Hill AFB	1,600	
Biomass - landfill gas	Weber County/Blue Sky Energy	Weber County Landfill/Ogden	950	Proposed: ??
Biomass - landfill gas	Bayview landfill	Utah County	1,300	Proposed: ??
Geothermal	PacifiCorp	Blundell	38,100	
Geothermal	Raser Technologies, Inc.	Thermo Hot Springs	12,000	
Geothermal	Raser Technologies, Inc.	Escalante Desert Plant	10,000	Proposed: 2009
Geothermal	Raser Technologies, Inc.	Central Utah Plant	20,000	Proposed: 2009
Geothermal	PacifiCorp	Blundell expansion	35,000	Proposed: 2010
Geothermal	Enel North American	Cove Fort (redevelopment of old site)	69,000	Proposed: 2011
Geothermal	Idatherm LLC	Renaissance, Honeyville, Box Elder County	100,000	Proposed: ??
Solar - PV	Hill Air Force Base	Ogden, UT	225.0	
Solar - PV	Glen Canyon National Recreation Area	Dangling Rope Facility	160.0	
Solar - PV	SunSmart Program - Dixie Escalante Elec.	St. George - Phase 1	100.0	
Solar - PV	Jameson Apartments	Downtown Salt Lake City	92.0	
Solar - PV	Natural Bridges National Monument	Monument Facilities	50.0	
Solar - PV	Carlisle Syntec	Tooele	50.0	
Solar - PV	Stratford Apartments	Downtown Salt Lake City	47.0	
Solar - PV	Kolob Mountain Ranch	Kane County	32.0	
Solar - PV	Ritz Apartments	Downtown Salt Lake City	29.3	
Solar - PV	Ashby Apartments	Downtown Salt Lake City	29.3	
Solar - PV	Clark Planetarium	Downtown Salt Lake City	25.0	
Solar - PV	Daybreak Office Buidling	Kennecott Copper, South Jordan	21.3	
Solar - PV	Salt Palace Convention Center	Downtown Salt Lake City - powers parking garage	20.0	
Solar - PV	USANA Health Services	West Valley City	20.0	
Solar - PV	Salt Lake Community College	Salt Lake City	16.0	
Solar - PV	Washington Co. Water Conservancy District	St. George	14.0	
Solar - PV	Cedar Storage Rentals	Cedar City	12.9	
Solar - PV	KZMU	Moab	12.0	
Solar - PV	Swaner Nature Center	Park City	12.0	
Solar - PV	Hogle Zoo - Elephant Exhibit	Salt Lake City	10.0	
Solar - PV	Atkinson Electronics Inc.	Murray, UT	10.0	
Solar - PV	Springdale waste water treatment plant	Sprindale, UT	8.4	
Solar - PV	Escape Adventures	Moab, UT	8.1	
Solar - PV	Westminster College	Salt Lake City	8.0	
Solar - PV	Workman/TIFIE Ranch	Morgan, UT	7.2	
Solar - PV	Canyonlands National Park	Hans Flat Facility	7.2	
Solar - PV	Zion National Park	Visitor Center - grid tied	7.2	
Solar - PV	TC Engineering PC	Kanab	6.1	
Solar - PV	Southern Utah University	Cedar City	6.1	
Solar - PV	Cal Black Airport	Airport Facilities	6.0	
Solar - PV	Arches National Park	Devil's Garden Campground	5.6	
Solar - PV	Moab Arts and Recreation Center	Moab	5.4	
Solar - PV	St. George Water and Energy Administration	St. George	5.0	
Solar - PV	Tracy Aviary	Salt Lake City	5.0	
Solar - PV	Employ/Ease	St. George	5.0	
Solar - PV	Park City Ice Arena	Park City	5.0	
Solar - PV	Park City Historical Society	Park City	4.6	
Solar - PV	CHC Devolpment, Inc	St. George	4.2	
Solar - PV	Whitaker Studios	Ivins	4.1	
Solar - PV	Goblin Valley State Park	Water Pumping	4.0	
Solar - PV	Goblin Valley State Park	Employee Housing	3.6	
Solar - PV	BTBW LLC	Salt Lake City	3.4	
Solar - PV	Ogden Nature Center	Ogden, UT	3.3	
Solar - PV	Utah Dept of Transportation	Murray maintenance shed	3.2	

Solar - PV	Alternative Power Systems	Cedar City	3.1	
Solar - PV	Solar Unlimited	Cedar City	3.0	
Solar - PV	Yuba Lake State Park	Water pumping	2.6	
Solar - PV	In Hot Water Heat and Power	Eden	2.6	
Solar - PV	CCC Construction	Ridgcrest	2.5	
Solar - PV	USU Botanical Center	Kaysville, UT	2.5	
Solar - PV	Cunningham Ranch	Wildlife Education Center	2.4	
Solar - PV	Entheos Academy Charter School	Kearns, UT	2.4	
Solar - PV	Highland Electric Group	Midvale, UT	2.3	
Solar - PV	Black Diamond	Salt Lake City	2.2	
Solar - PV	Utah Windmill Museum	St. George	2.0	
Solar - PV	Stempel Property LLC	Virgin	2.0	
Solar - PV	Monte Cristo Snow Cat Shed	Lighting, Power Tools, Radios	1.8	
Solar - PV	KRCL Radio	Salt Lake City	1.8	
Solar - PV	Red Butte Garden	University of Utah, Salt Lake City	1.8	
Solar - PV	Canyon Structural Engineering	Salt Lake City	1.7	
Solar - PV	East High School	Salt Lake City	1.7	
Solar - PV	Ecker Hill Middle School	Park City	1.7	
Solar - PV	Bryce Canyon National Park	Water Pumping	1.5	
Solar - PV	Antelope Island State Park	Garr Ranch Facility	1.5	
Solar - PV	City of Springdale	Ball field and educational structures	1.5	
Solar - PV	Weber School District Environmental Center	Liberty, UT	1.4	
Solar - PV	Utah Department of Natural Resources	North Temple & Redwood Road	1.3	
Solar - PV	Green Building Center	Salt Lake City	1.0	
Solar - PV	SunSmart Program - Dixie Escalante Elec.	St. George - Phase 2	100.0	Proposed: ??
Solar - PV	The Leonardo at Library Square	Salt Lake City	25.0	Proposed: late 2009
Solar - PV	Utah Public Health Laboratory	Salt Lake City	20.0	Proposed: late 2009
Solar - PV	Hogle Zoo - Animal Health Center	Salt Lake City	20.0	Proposed: late 2009
Solar - PV	Westminster College - Science Center	Salt Lake City	20.0	Proposed: spring 2010
Solar - PV	Moab Recreation Swim Center	Moab	15.0	Proposed: late 2010
Solar - PV	Artspace	Salt Lake City	11.5	Proposed: spring 2010
Solar - PV	Sterling Sill Center - University of Utah	Salt Lake City	6.0	Proposed: spring 2009
Solar - PV	Summit County Friends of Animals	Park City - Browns Canyon	3.5	Proposed: spring 2009
Solar - PV	Town of Alta	City administration building	3.0	Proposed: late 2009
Wind	Edison International	Spanish Fork (9 turbines at 2.1 MW each)	18,900	
Wind	U.S. Department of Defense	Camp Williams - two turbines - 225 kW & 665 kW	890	
Wind	CCC Construction	Ridgcrest	4.0	
Wind	Three Peaks Elementary	Cedar City, UT - Skystream 3.7	2.4	
Wind	Utah Dept of Transportation	Milford Station	1.8	
Wind	Milford Elementary School	Milford, UT - Skystream	1.8	
Wind	Workman/TIFIE Ranch	Morgan, UT (3 turbines, 600w, 400w, and 200w)	1.2	
Wind	First Wind	Milford Wind Corridor, northern Beaver County, Phase I: 97 2.1-MW turbines	203,000	Proposed: late 2009
Wind	First Wind	Milford Wind Corridor, northern Beaver County and southern Millard County, Phase II to V	800,000	Proposed: ??
Wind	--	Stockton Bar (35 turbines at 2.1 MW each)	70,000	Proposed: ??
Wind	Tooele Army Depot	Tooele, UT (1 or 2 turbines)	1,200	Proposed: late 2009
Wind	Cyprus High School - Granite School District	Salt Lake City, UT (2 Skystream 3.7 turbines)	4.8	Proposed: late 2009
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

Source: [EIA, Electric Power Annual, Electric Generating Capacity 2007 - Form EIA-860](#)

[Solar data from SEP - Click on this link for more information on Utah Solar](#)

Some data from personnel contacts

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 1 kW or greater and does not include direct-use geothermal facilities