

**Duke Energy Corporation**

Power Generation Portfolio

As of June 30, 2016



Facility	Location	NERC Region	Total Capacity ** (MW)	Economic Interest	Owned Capacity ** (MW)	In-Service Date ***	Primary Fuel Source	Predominant Dispatch	Customer(s)
NOTE: The MW displayed in the table are based on summer capacity									
<b>DOMESTIC GENERATION</b>									
<b>Regulated Utilities</b>									
<b><u>Duke Energy Carolinas</u></b>									
<b><u>Nuclear Generation</u></b>									
Oconee	SC	SERC	2,554	100%	2,554	1973-1974	Uranium	Baseload	Retail and wholesale
McGuire	NC	SERC	2,316	100%	2,316	1981-1984	Uranium	Baseload	Retail and wholesale
Catawba (a)	SC	SERC	2,290	19.25%	441	1985-1986	Uranium	Baseload	Retail and wholesale
<b>Total Nuclear</b>			<b>7,160</b>		<b>5,311</b>				
<b><u>Fossil Generation</u></b>									
* Belews Creek	NC	SERC	2,220	100%	2,220	1974-1975	Coal	Baseload	Retail and wholesale
* Marshall	NC	SERC	2,078	100%	2,078	1965-1970	Coal	Baseload	Retail and wholesale
* J.E. Rogers	NC	SERC	1,396	100%	1,396	1972-2012	Coal	Baseload	Retail and wholesale
Lincoln CT	NC	SERC	1,267	100%	1,267	1995-1996	Gas/Oil	Peaking	Retail and wholesale
* Allen	NC	SERC	1,127	100%	1,127	1957-1961	Coal	Intermediate	Retail and wholesale
Rockingham CT	NC	SERC	825	100%	825	2000	Gas/Oil	Peaking	Retail and wholesale
Buck CC	NC	SERC	668	100%	668	2011	Gas	Intermediate	Retail and wholesale
Dan River CC	NC	SERC	651	100%	651	2012	Gas	Intermediate	Retail and wholesale
Mill Creek CT	SC	SERC	596	100%	596	2002-2003	Gas/Oil	Peaking	Retail and wholesale
W.S. Lee	SC	SERC	170	100%	170	1951-1958	Gas	Intermediate/Peaking	Retail and wholesale
W.S. Lee CT	SC	SERC	82	100%	82	2007	Gas/Oil	Peaking	Retail and wholesale
<b>Total Fossil</b>			<b>11,080</b>		<b>11,080</b>				
<b><u>Hydroelectric Generation</u></b>									
Bad Creek Pumped Storage	SC	SERC	1,360	100%	1,360	1991	Water	Peaking	Retail and wholesale
Jocassee Pumped Storage	SC	SERC	780	100%	780	1973-1975	Water	Peaking	Retail and wholesale
Cowans Ford	NC	SERC	325	100%	325	1963-1967	Water	Peaking	Retail and wholesale
Keowee	SC	SERC	152	100%	152	1971	Water	Peaking	Retail and wholesale
Other small facilities (25)	NC/SC	SERC	666	100%	666	various	Water	Peaking	Retail and wholesale
<b>Total Hydro</b>			<b>3,283</b>		<b>3,283</b>				
<b><u>Renewables</u></b>									
Distributed generation	NC	SERC	4	100%	4	2010	Solar	As available	Retail and wholesale
<b>Total DE Carolinas</b>			<b>21,527</b>		<b>19,678</b>				

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<b><u>Duke Energy Progress</u></b>									
<b><u>Nuclear Generation</u></b>									
Brunswick	NC	SERC	1,870	100%	1,870	1975 - 1977	Uranium	Baseload	Retail and wholesale
Shearon Harris	NC	SERC	928	100%	928	1987	Uranium	Baseload	Retail and wholesale
Robinson	SC	SERC	741	100%	741	1971	Uranium	Baseload	Retail and wholesale
<b>Total Nuclear</b>			<u>3,539</u>		<u>3,539</u>				
<b><u>Fossil Generation</u></b>									
* Roxboro	NC	SERC	2,439	100%	2,439	1966-1980	Coal	Baseload	Retail and wholesale
Smith CC	NC	SERC	1,088	100%	1,088	2002-2011	Gas/Oil	Baseload	Retail and wholesale
H.F. Lee CC	NC	SERC	910	100%	910	2012	Gas/Oil	Baseload	Retail and wholesale
Wayne County CT	NC	SERC	863	100%	863	2000-2009	Gas/Oil	Peaking	Retail and wholesale
Smith CT	NC	SERC	780	100%	780	2001-2002	Gas/Oil	Peaking	Retail and wholesale
Darlington CT	SC	SERC	735	100%	735	1974-1997	Gas/Oil	Peaking	Retail and wholesale
* Mayo	NC	SERC	727	100%	727	1983	Coal	Baseload	Retail and wholesale
L.V. Sutton CC	NC	SERC	622	100%	622	2013	Gas/Oil	Peaking	Retail and wholesale
* Asheville	NC	SERC	378	100%	378	1964-1971	Coal	Baseload	Retail and wholesale
Asheville CT	NC	SERC	324	100%	324	1999-2000	Gas/Oil	Peaking	Retail and wholesale
Weatherspoon CT	NC	SERC	128	100%	128	1970-1971	Gas/Oil	Peaking	Retail and wholesale
L.V. Sutton CT	NC	SERC	61	100%	61	1968-1969	Gas/Oil	Peaking	Retail and wholesale
Blewett CT	NC	SERC	52	100%	52	1971	Oil	Peaking	Retail and wholesale
<b>Total Fossil</b>			<u>9,107</u>		<u>9,107</u>				
<b><u>Hydroelectric Generation</u></b>									
Walters	NC	SERC	112	100%	112	1930	Water	Intermediate	Retail and wholesale
Other small facilities (3)	NC	SERC	115	100%	115	various	Water	Intermediate	Retail and wholesale
<b>Total Hydro</b>			<u>227</u>		<u>227</u>				
<b><u>Renewables</u></b>									
Distributed generation	NC	SERC	62	100%	62	2015	Solar	As available	Retail and wholesale
<b>Total DE Progress</b>			<u>12,935</u>		<u>12,935</u>				

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NOTE: The MW displayed in the table are based on summer capacity									
<b><u>Duke Energy Florida</u></b>									
<b><u>Fossil Generation</u></b>									
* Crystal River	FL	FRCC	2,291	100%	2,291	1966-1984	Coal	Baseload	Retail and wholesale
Hines CC	FL	FRCC	1,912	100%	1,912	1999-2007	Gas/Oil	Baseload	Retail and wholesale
Bartow CC	FL	FRCC	1,105	100%	1,105	2009	Gas/Oil	Baseload	Retail and wholesale
Anclote	FL	FRCC	1,041	100%	1,041	1974-1978	Gas	Intermediate	Retail and wholesale
Intercession City 1-10, 12-14 CT	FL	FRCC	841	100%	841	1974-2000	Gas/Oil	Peaking	Retail and wholesale
Intercession City 11 (b) CT	FL	FRCC	143	0%	-	1997	Gas/Oil	Peaking	Retail and wholesale
DeBary CT	FL	FRCC	637	100%	637	1975-1992	Gas/Oil	Peaking	Retail and wholesale
Tiger Bay CC	FL	FRCC	205	100%	205	1997	Gas/Oil	Baseload	Retail and wholesale
Bartow CT	FL	FRCC	175	100%	175	1972	Gas/Oil	Peaking	Retail and wholesale
Bayboro CT	FL	FRCC	174	100%	174	1973	Oil	Peaking	Retail and wholesale
Suwannee River CT	FL	FRCC	155	100%	155	1980	Gas	Peaking	Retail and wholesale
Suwannee River	FL	FRCC	100	100%	100	1953-1956	Gas/Oil	Intermediate	Retail and wholesale
Higgins CT	FL	FRCC	114	100%	114	1969-1971	Gas/Oil	Peaking	Retail and wholesale
Avon Park CT	FL	FRCC	50	100%	50	1968	Gas/Oil	Peaking	Retail and wholesale
University of Florida CoGen CT	FL	FRCC	46	100%	46	1994	Gas	Baseload	Retail and wholesale
<b>Total Fossil</b>			<b>8,989</b>		<b>8,846</b>				
<b><u>Renewables</u></b>									
Distributed generation	FL	FRCC	2	100%	2	2016	Solar	As available	Retail and wholesale
<b>Total Florida</b>			<b>8,991</b>		<b>8,848</b>				
<b><u>Duke Energy Ohio</u></b>									
<b><u>Fossil Generation</u></b>									
* East Bend	KY	RFC	600	100%	600	1981	Coal	Baseload	Retail and wholesale
Woodsdale CT	OH	RFC	462	100%	462	1992-1993	Gas/Propane	Peaking	Retail and wholesale
<b>Total Ohio</b>			<b>1,062</b>		<b>1,062</b>				
<b><u>Duke Energy Indiana</u></b>									
<b><u>Fossil Generation</u></b>									
* Gibson 1 - 4	IN	RFC	2,512	100%	2,512	1975-1979	Coal	Baseload	Retail and wholesale
* Gibson 5 (c)	IN	RFC	620	50.05%	310	1982	Coal	Baseload	Retail and wholesale
* Cayuga (d)	IN	RFC	1,005	100%	1,005				Retail and wholesale
Edwardsport	IN	RFC	595	100%	595	1970-1972	Coal/Oil	Baseload	Retail and wholesale
Madison CT	OH	RFC	576	100%	576	2013	Coal	Baseload	Retail and wholesale
Vermillion CT (e)	IN	RFC	568	62.5%	355	2000	Gas	Peaking	Retail and wholesale
Wheatland CT	IN	RFC	460	100%	460	2000	Gas	Peaking	Retail and wholesale
Wabash River (f)	IN	RFC	326	100%	326	1953-1968	Coal/Oil	Intermediate	Retail and wholesale
Noblesville CC	IN	RFC	285	100%	285	2000	Gas	Peaking	Retail and wholesale
Gallagher	IN	RFC	280	100%	280	1950-2003	Gas/Oil	Intermediate	Retail and wholesale
Henry County CT	IN	RFC	129	100%	129	1958-1961	Coal	Intermediate	Retail and wholesale
Cayuga CT	IN	RFC	99	100%	99	2001	Gas/Oil	Peaking	Retail and wholesale
Connorsville CT	IN	RFC	86	100%	86	1993	Gas/Oil	Peaking	Retail and wholesale
Miami Wabash CT	IN	RFC	80	100%	80	1972	Oil	Peaking	Retail and wholesale
<b>Total Fossil</b>			<b>7,621</b>		<b>7,098</b>	1968-1969	Oil	Peaking	
<b><u>Hydroelectric Generation</u></b>									
Markland	IN	RFC	45	100%	45	1967	Water	Peaking	Retail and wholesale
<b>Total Indiana</b>			<b>7,666</b>		<b>7,143</b>				
<b>Total Regulated Generation</b>			<b>52,181</b>		<b>49,666</b>				

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<b>COMMERCIAL PORTFOLIO GENERATION</b>									
<b><u>Duke Energy Renewables - Wind Generation</u></b>									
Los Vientos Windpower IB	TX	TRE	202	100%	202	2012	Wind	As Available	Austin Energy
Top of the World	WY	WECC	200	100%	200	2010	Wind	As Available	PacifiCorp
Los Vientos Windpower IA	TX	TRE	200	100%	200	2012	Wind	As Available	CPS San Antonio
Los Vientos Windpower III	TX	TRE	200	100%	200	2015	Wind	As Available	Austin Energy
Los Vientos Windpower IV	TX	TRE	200	100%	200	2016	Wind	As Available	Austin Energy
Notrees	TX	TRE	153	100%	153	2009	Wind	As Available	Market dispatch
Los Vientos Windpower V	TX	TRE	110	100%	110	2015	Wind	As Available	Garland Power & Light / Greenville Electric Utility / Bryan Texas Utilities
Three Buttes (dba Campbell Hill)	WY	WECC	99	100%	99	2009	Wind	As Available	PacifiCorp
North Allegheny	PA	RFC	70	100%	70	2009	Wind	As Available	First Energy Solutions Corp.
Laurel Hill Wind Energy	PA	RFC	69	100%	69	2012	Wind	As Available	Delaware Municipal Electric Corporation
Ocotillo	TX	TRE	59	100%	59	2008	Wind	As Available	Market dispatch
Kit Carson	CO	WECC	51	100%	51	2010	Wind	As Available	Tri-State Generation and Transmission
Silver Sage	WY	WECC	42	100%	42	2009	Wind	As Available	Platte River Power Authority / Cheyenne Light, Fuel & Power
Happy Jack	WY	WECC	29	100%	29	2008	Wind	As Available	Cheyenne Light, Fuel & Power
Shirley	WI	MRO	20	100%	20	2010	Wind	As Available	Wisconsin Public Service Corp.
Sweetwater IV	TX	TRE	241	47%	113	2007	Wind	As Available	CPS San Antonio
Sweetwater III	TX	TRE	135	50%	67	2005	Wind	As Available	CPS San Antonio/Austin Energy
Sweetwater II	TX	TRE	91	50%	45	2005	Wind	As Available	Austin Energy
Sweetwater V	TX	TRE	80	47%	38	2007	Wind	As Available	Market dispatch
Sweetwater I	TX	TRE	38	50%	19	2007	Wind	As Available	Texas Utilities
Mesquite Creek	TX	TRE	211	50%	106	2015	Wind	As Available	BP Energy Company & Mars Wind, Inc.
Ironwood	KS	SPP	168	50%	84	2012	Wind	As Available	Westar Energy
Cimarron II	KS	SPP	131	50%	66	2012	Wind	As Available	Kansas City Power & Light
<b>Total Wind Generation</b>			<u>2,799</u>		<u>2,242</u>				

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<b><i>Duke Energy Renewables - Solar Generation</i></b>									
Conetoe II	NC	SERC	80	100%	80	2015	Solar	As Available	Corning Industries
Seville Solar Two	CA	WECC	30	100%	30	2015	Solar	As Available	Imperial Irrigation District
Colonial Eagle - Kelford	NC	SERC	22	100%	22	2015	Solar	As Available	GW University / GW University Hospital & American University
Dogwood	NC	SERC	20	100%	20	2014	Solar	As Available	Dominion Power
Halifax Airport	NC	SERC	20	100%	20	2014	Solar	As Available	Dominion Power
Colonial Eagle - Pasquotank	NC	SERC	20	100%	20	2014	Solar	As Available	GW University / GW University Hospital & American University
Pumpjack Solar 1	CA	WECC	20	100%	20	2015	Solar	As Available	Southern California Edison
Wildwood Solar 1	CA	WECC	20	100%	20	2015	Solar	As Available	Southern California Edison
Fresh Air Energy X (aka Shawboro)	NC	SERC	20	100%	20	2015	Solar	As Available	Virginia Electric & Power Company
Seville Solar One	CA	WECC	20	100%	20	2015	Solar	As Available	San Diego Gas & Electric
Bagdad	AZ	WECC	15	100%	15	2011	Solar	As Available	Arizona Public Service Co.
TX Solar I	TX	TRF	14	100%	14	2010	Solar	As Available	CPS San Antonio
Creswell Alligood	NC	SERC	14	100%	14	2015	Solar	As Available	Dominion Power
Washington White Post	NC	SERC	12	100%	12	2012	Solar	As Available	North Carolina Municipal Power Agency
Highlander Solar 1	CA	WECC	12	100%	12	2013	Solar	As Available	Southern California Edison
Colonial Eagle - Whitakers	NC	SERC	12	100%	12	2015	Solar	As Available	GW University / GW University Hospital & American University
Highlander Solar 2	CA	WECC	9	100%	9	2013	Solar	As Available	Southern California Edison
Black Mountain	AZ	WECC	9	100%	9	2012	Solar	As Available	UniSource Energy Services
Solar Star NC II, LLC	NC	SERC	5	100%	5	2011	Solar	As Available	North Carolina Electric Membership Corporation
RP-Orlando, LLC	FL	FRCC	5	100%	5	2011	Solar	As Available	Orlando Utilities Commission
Gato Montes Solar	AZ	WECC	5	100%	5	2012	Solar	As Available	Tucson Electric Power Company
RE SF City 1 (aka Sunset Reservoir)	CA	WECC	5	100%	5	2010	Solar	As Available	San Francisco Public Utilities
Washington Millfield	NC	SERC	5	100%	5	2013	Solar	As Available	North Carolina Eastern Municipal Power Agency
Washington-Warren Airport	NC	SERC	5	100%	5	2013	Solar	As Available	North Carolina Eastern Municipal Power Agency
Bethel Price	NC	SERC	5	100%	5	2014	Solar	As Available	Dominion Power
Everetts Wildcat	NC	SERC	5	100%	5	2015	Solar	As Available	Dominion Power
SolNCPower5 (aka Battleboro)	NC	SERC	5	100%	5	2015	Solar	As Available	Dominion Power
SolNCPower6 (aka Sunbury)	NC	SERC	5	100%	5	2015	Solar	As Available	Dominion Power
Windsor Cooper Hill	NC	SERC	5	100%	5	2015	Solar	As Available	Dominion Power
Tarboro Solar	NC	SERC	5	100%	5	2015	Solar	As Available	Dominion Power
SolNCPower10 (aka Hertford)	NC	SERC	5	100%	5	2016	Solar	As Available	Dominion Power
Long Farm 46 Solar	NC	SERC	5	100%	5	2016	Solar	As Available	Dominion Power
Winton Solar	NC	SERC	5	100%	5	2016	Solar	As Available	Dominion Power
garysburg Solar	NC	SERC	5	100%	5	2016	Solar	As Available	Dominion Power
Woodland Solar	NC	SERC	5	100%	5	2016	Solar	As Available	Dominion Power
Gaston Solar	NC	SERC	5	100%	5	2016	Solar	As Available	Dominion Power
Seaboard Solar	NC	SERC	5	100%	5	2016	Solar	As Available	Dominion Power
Facilities < 5 MW (8)	Various	Various	11	100%	10	2010-2011	Solar	As Available	Various
<b>Total Solar Generation</b>			<u>475</u>		<u>474</u>				
<b>Total Commercial Portfolio (g)(h)(i)</b>			<b>3,274</b>		<b>2,716</b>				

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**INTERNATIONAL GENERATION**

***Duke Energy International***

Aguaytia Energy	Peru		192	100.0%	192	1998	Natural Gas	Intermediate/Peaking	Merchant Plants and Grid
Electroquil	Ecuador		192	84.9%	163	1998	Diesel	Intermediate/Peaking	PPA
Generadora Acajutla	El Salvador		324	90.3%	293	1999	Fuel Oil / Diesel	Intermediate/Peaking	Open market
Parapanema, DEB, Canoas I&II	Brazil		2,274	91.8%	2,087	1999	Hydro	Baseload	LDCs and open market
Egenor	Peru		352	100.0%	352		Hydro	Baseload	Open market
Yungay, Duquenco	Chile		362	100.0%	362	2012	Fuel Oil / Diesel / Hydro	Reserve/Intermediate/Peaking	Open market, PPA
HCC (Alto Valle & Cerros Colorado)	Argentina		576	90.9%	523	2000	Hydro / Natural Gas	Baseload/Peaking	LDC and open market
Arizona, Las Palmas, La Laguna	Guatemala		343	100.0%	343	2001	Fuel Oil / Diesel / Coal	Intermediate/Peaking	Open market
<b><i>Total Duke Energy International</i></b>			<b><u>4,615</u></b>		<b><u>4,315</u></b>				

<b><i>Total Generation Portfolio</i></b>			<b>60,070</b>		<b>56,697</b>				
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**Footnotes**

\* Facilities with scrubbers in place or planned.

\*\* Includes available capacity only.

\*\*\* Represents in-service range dates of those units that are currently in-service, excluding those units that are currently retired.

(a) Jointly owned with North Carolina Municipal Power Agency Number 1, North Carolina Electric Membership Corporation and Piedmont Municipal Power Agency.

(b) Duke Energy Florida owns and operates Intercession City Station Units 1-10 and 12-14. Unit 11 is jointly owned with Georgia Power Company (GPC). GPC has the exclusive right to the output of this unit during the months of June through September. Duke Energy Florida has the exclusive right to the output of this unit for the remainder of the year.

(c) Duke Energy Indiana owns and operates Gibson Station Units 1-4 and owns 50.05 percent of and operates Unit 5. Unit 5 is jointly owned with Wabash Valley Power Association, Inc. and Indiana Municipal Power Agency.

(d) Includes Cayuga Internal Combustion (IC).

(e) Jointly owned with Wabash Valley Power Association.

(f) Includes Wabash River IC.

(g) Commercial Portfolio's interest in Sweetwater wind projects rounded to the nearest MW.

(h) Commercial Portfolio's interest in DS Cornerstone joint venture MW's rounded to the nearest MW.

(i) Commercial Portfolio has a 0.35 interest in a 0.7 MW solar project located in New Jersey.