

Duke Energy Corporation

Power Generation Projects

As of June 30, 2009

Project Name	Location	NERC Region	Total Capacity (MW)	Economic Interest	Owned Capacity (MW)	Original In-Service Date (a)	Current In-Service Date (b)	Fuel Source	Predominant Dispatch	Customer(s)
NOTE: The MW displayed in the table are based on summer capacity										
<u>DOMESTIC GENERATION</u>										
<u>Regulated</u>										
<u>Duke Energy Carolinas</u>										
<u>Nuclear Generation</u>										
Catawba Nuclear Station	South Carolina	SERC	2,258	19.25%	435	1985		Nuclear	Baseload	Retail and wholesale
McGuire Nuclear Station	North Carolina	SERC	2,200	100%	2,200	1981		Nuclear	Baseload	Retail and wholesale
Oconee Nuclear Station	South Carolina	SERC	2,538	100%	2,538	1973		Nuclear	Baseload	Retail and wholesale
Total Nuclear			<u>6,996</u>		<u>5,173</u>					
<u>Fossil Generation</u>										
Allen *	North Carolina	SERC	1,145	100%	1,145	1957		Coal	Intermediate	Retail and wholesale
Belews Creek *	North Carolina	SERC	2,220	100%	2,220	1974		Coal	Baseload	Retail and wholesale
Buck	North Carolina	SERC	369	100%	369	1926	1941	Coal	Intermediate/Peaking	Retail and wholesale
Buck CT	North Carolina	SERC	62	100%	62	1970		Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Buzzard Roost CT	South Carolina	SERC	196	100%	196	1971		Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Cliffside 1 - 4	North Carolina	SERC	198	100%	198	1940		Coal	Peaking	Retail and wholesale
Cliffside 5 *	North Carolina	SERC	562	100%	562	1972		Coal	Baseload	Retail and wholesale
Dan River	North Carolina	SERC	276	100%	276	1949		Coal	Intermediate/Peaking	Retail and wholesale
Dan River CT	North Carolina	SERC	48	100%	48	1968		Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Lee	South Carolina	SERC	370	100%	370	1951		Coal	Intermediate/Peaking	Retail and wholesale
Lee CT	South Carolina	SERC	84	100%	84	1968	2007	Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Lincoln CT	North Carolina	SERC	1,267	100%	1,267	1995		Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Marshall *	North Carolina	SERC	2,078	100%	2,078	1965		Coal	Baseload	Retail and wholesale
Mill Creek CT	South Carolina	SERC	595	100%	595	2002		Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Riverbend	North Carolina	SERC	454	100%	454	1929	1952	Coal	Intermediate	Retail and wholesale
Riverbend CT	North Carolina	SERC	64	100%	64	1969		Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Rockingham CT	North Carolina	SERC	825	100%	825	2000		Natural Gas / Fuel Oil	Peaking	Retail and wholesale
Total Fossil			<u>10,814</u>		<u>10,813</u>					
<u>Hydroelectric Generation</u>										
Jocassee Pumped Storage	South Carolina	SERC	730	100%	730	1973		Hydro	Peaking	Retail and wholesale
Bad Creek Pumped Storage	South Carolina	SERC	1,360	100%	1,360	1991		Hydro	Peaking	Retail and wholesale
Cowans Ford	North Carolina	SERC	325	100%	325	1963		Hydro	Peaking	Retail and wholesale
Keowee	South Carolina	SERC	152	100%	152	1971		Hydro	Peaking	Retail and wholesale
Other facilities	NC/SC	SERC	651	100%	651	various		Hydro	Peaking	Retail and wholesale
Total Hydro			<u>3,218</u>		<u>3,218</u>					
<i>Total Carolinas</i>			<u>21,028</u>		<u>19,204</u>					

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<u>Duke Energy Indiana</u>										
<u>Fossil Generation</u>										
Cayuga * (c)	Indiana	RFC	1,005	100%	1,005	1970		Coal/Fuel Oil	Baseload	Retail and wholesale
Cayuga CT	Indiana	RFC	99	100%	99	1993		Natural Gas/Fuel Oil	Peaking	Retail and wholesale
Connersville CT	Indiana	RFC	86	100%	86	1972		Fuel Oil	Peaking	Retail and wholesale
Edwardsport	Indiana	RFC	160	100%	160	1918	1944	Coal/Fuel Oil	Peaking	Retail and wholesale
Gallagher	Indiana	RFC	560	100%	560	1958		Coal	Intermediate	Retail and wholesale
Gibson 1 - 4 *	Indiana	RFC	2,512	100%	2,512	1975		Coal	Baseload	Retail and wholesale
Gibson 5 * (d)	Indiana	RFC	620	50.05%	310	1982		Coal	Baseload	Retail and wholesale
Henry County CT	Indiana	RFC	129	100%	129	2001		Natural Gas	Peaking	Retail and wholesale
Madison CT	Ohio	RFC	576	100%	576	2000		Natural Gas	Peaking	Retail and wholesale
Miami Wabash CT	Indiana	RFC	96	100%	96	1968		Fuel Oil	Peaking	Retail and wholesale
Noblesville CC	Indiana	RFC	285	100%	285	1950	2003	Natural Gas	Intermediate	Retail and wholesale
Wabash River (e)	Indiana	RFC	676	100%	676	1953		Coal / Fuel Oil	Intermediate	Retail and wholesale
Wheatland CT	Indiana	RFC	460	100%	460	2000		Natural Gas	Peaking	Retail and wholesale
Total Fossil			<u>7,264</u>		<u>6,954</u>					
<u>Hydroelectric Generation</u>										
Markland	Indiana	RFC	45	100%	45	1967		Hydro	Peaking	Retail and wholesale
<i>Total Indiana</i>			<u>7,309</u>		<u>6,999</u>					
<u>Duke Energy Kentucky</u>										
<u>Fossil Generation</u>										
East Bend *	Kentucky	RFC	600	69%	414	1981		Coal	Baseload	Retail and wholesale
Miami Fort 6	Ohio	RFC	163	100%	163	1960		Coal/Fuel Oil	Intermediate	Retail and wholesale
Woodsdale CT	Ohio	RFC	462	100%	462	1992		Natural Gas/Propane	Peaking	Retail and wholesale
<i>Total Kentucky</i>			<u>1,225</u>		<u>1,039</u>					
<i>Total Regulated Domestic Generation</i>			<u>29,562</u>		<u>27,242</u>					

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<u>Unregulated</u>										
<i>Generation Assets (included in "Commercial Power")</i>										
Beckjord 1 - 5	Ohio	RFC	704	100%	704	1952		Coal	Baseload	Ohio native load and market dispatch
Beckjord 6	Ohio	RFC	420	37.5%	158	1969		Coal	Baseload	Ohio native load and market dispatch
Conesville 4 *	Ohio	RFC	780	40%	312	1973		Coal	Baseload	Ohio native load and market dispatch
Miami Fort 7 and 8 *	Ohio	RFC	1,000	64%	640	1978		Coal	Baseload	Ohio native load and market dispatch
J.M. Stuart *	Ohio	RFC	2,340	39%	912	1971-1974		Coal	Baseload	Ohio native load and market dispatch
Killen *	Ohio	RFC	600	33%	198	1982		Coal	Baseload	Ohio native load and market dispatch
Wm. Zimmer *	Ohio	RFC	1,300	46.5%	605	1991		Coal	Baseload	Ohio native load and market dispatch
Dick's Creek CT	Ohio	RFC	152	100%	152	1965-1969		Gas	Peaking	Ohio native load and market dispatch
Miami Fort CT	Ohio	RFC	60	100%	60	1971		Fuel Oil	Peaking	Ohio native load and market dispatch
Beckjord CT	Ohio	RFC	212	100%	212	1972		Fuel Oil	Peaking	Ohio native load and market dispatch
Vermillion	Indiana	RFC	640	75%	480	2000		Gas	Peaking	Market dispatch
Lee	Illinois	RFC	640	100%	640	2001		Gas	Intermediate	Market dispatch
Washington	Ohio	RFC	620	100%	620	2002		Gas	Intermediate	Market dispatch
Fayette	Pennsylvania	RFC	620	100%	620	2003		Gas	Intermediate	Market dispatch
Hanging Rock	Ohio	RFC	1,240	100%	1,240	2003		Gas	Intermediate	Market dispatch
Happy Jack	Wyoming	WECC	29	100%	29	2008		Wind	As Available	Cheyenne Light, Fuel & Power
Ocotillo	Texas	TRE	59	100%	59	2008		Wind	As Available	Market dispatch
Notrees 1A	Texas	TRE	91	100%	91	2009		Wind	As Available	Texas Retail Energy
Notrees 1B/1C	Texas	TRE	62	100%	62	2009		Wind	As Available	Market dispatch
Total Unregulated (f)			<u>11,416</u>		<u>7,641</u>					
Total Regulated and Unregulated Domestic Generation			<u>40,978</u>		<u>34,883</u>					
<u>INTERNATIONAL GENERATION</u>										
<u>Unregulated</u>										
Aguaytia Energy	Peru		177	100%	177	1998		Natural Gas	Intermediate/Peaking	Merchant Plants and Grid
Electroquil	Ecuador		192	82.7%	159	1998		Diesel	Intermediate/Peaking	PPA
Generadora Acajutla	El Salvador		328	90%	296	1999		Fuel Oil / Diesel	Intermediate/Peaking	Open market
Paranapanema	Brazil		2,307	92%	2,112	1999		Hydro	Baseload	LDCs and open market
Egenor	Peru		501	99.9%	501	1999		Hydro / Diesel	Baseload	Open market
HCC (Alto Valle & Cerros Colorado)	Argentina		576	91%	523	2000		Hydro / Natural Gas	Baseload/Peaking	LDC and open market
Arizona, Las Palmas, La Laguna	Guatemala		283	100%	283	2001		Fuel Oil / Diesel	Intermediate/Peaking	Open market
			<u>4,364</u>		<u>4,051</u>					
Total Generation Portfolio			<u>45,342</u>		<u>38,934</u>					

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<u>DEVELOPMENT</u>										
<u>Regulated Development Projects / Projects Under Construction</u>										
Cliffside Unit 6*	North Carolina	SERC	825	100%	825	2012		Coal	Baseload	Retail and wholesale
Edwardsport IGCC	Indiana	RFC	630	100%	630	2012		Syn Gas	Baseload	Retail and wholesale
Buck CC	North Carolina	SERC	620	100%	620	2011		Natural Gas	Intermediate	Retail and wholesale
Dan River CC	North Carolina	SERC	620	100%	620	2012		Natural Gas	Intermediate	Retail and wholesale
<u>Unregulated Development Projects / Projects Under Construction (included in "Commercial Power")</u>										
North Allegheny	Pennsylvania	RFC	70	100%	70	2009		Wind	As Available	First Energy Solutions Corp.
Campbell Hill	Wyoming	WECC	99	100%	99	2009		Wind	As Available	PacifiCorp
Silver Sage	Wyoming	WECC	42	100%	42	2009		Wind	As Available	Platte River Power Authority / Cheyenne
Kit Carson	Colorado	WECC	51	100%	51	2010		Wind	As Available	Tri-State Generation and Transmission
<u>International Development Projects / Projects Under Construction</u>										
DEB-Pequenas Centrais Hidreletricas	Brazil		33	100%	33	2010		Hydro	Baseload	LDCs and open market
Las Flores	Peru		197	100%	197	2010		Natural Gas		
Las Palmas	Guatemala					2010		Coal		

Footnotes

* facilities with scrubbers in place or planned

(a) Represents original in-service date, including those units that are currently retired.

(b) Represents in-service date of those units that are currently in-service.

(c) Includes Cayuga Internal Combustion (IC)

(d) Duke Energy Indiana owns 50.05% of Unit 5, but is the operator.

(e) Includes Wabash River IC

(f) Sweetwater is excluded from this presentation as the assets are unconsolidated and Duke does not operate the facilities