

Duke Energy Corporation
Power Generation Portfolio
As of December 31, 2011



| 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 | | | | | | | | | | |
| DOMESTIC GENERATION | | | | | | | | | | |
| USFE&G | | | | | | | | | | |
| <i>Duke Energy Carolinas</i> | | | | | | | | | | |
| <u>Nuclear Generation</u> | | | | | | | | | | |
| Catawba Nuclear Station (c) | 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 | | | 6,996 | | 5,173 | | | | | |
| <u>Fossil Generation</u> | | | | | | | | | | |
| Allen * | North Carolina | SERC | 1,127 | 100% | 1,127 | 1957 | | Coal | Intermediate | Retail and wholesale |
| Belews Creek * | North Carolina | SERC | 2,220 | 100% | 2,220 | 1974 | | Coal | Baseload | Retail and wholesale |
| Buck CC | North Carolina | SERC | 620 | 100% | 620 | 2011 | | Natural Gas | Intermediate | Retail and wholesale |
| Buck | North Carolina | SERC | 256 | 100% | 256 | 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 | 176 | 100% | 176 | 1971 | | Natural Gas / Fuel Oil | Peaking | Retail and wholesale |
| Cliffside 5 * | North Carolina | SERC | 556 | 100% | 556 | 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 | 82 | 100% | 82 | 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 | 596 | 100% | 596 | 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 | | | 11,077 | | 11,077 | | | | | |
| <u>Hydroelectric Generation</u> | | | | | | | | | | |
| Jocassee Pumped Storage | South Carolina | SERC | 780 | 100% | 780 | 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 | 659 | 100% | 659 | various | | Hydro | Peaking | Retail and wholesale |
| Total Hydro | | | 3,276 | | 3,276 | | | | | |
| <u>Renewables</u> | | | | | | | | | | |
| Other facilities | North Carolina | SERC | 9 | 100% | 9 | 2010 | | Solar | Intermittent | Retail and wholesale |
| Total Carolinas | | | 21,358 | | 19,535 | | | | | |

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| <u>Duke Energy Indiana</u> | | | | | | | | | | |
| <u>Fossil Generation</u> | | | | | | | | | | |
| Cayuga * (d) | 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 |
| 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 * (e) | 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 | 80 | 100% | 80 | 1968 | | Fuel Oil | Peaking | Retail and wholesale |
| Noblesville CC | Indiana | RFC | 285 | 100% | 285 | 1950 | 2003 | Natural Gas | Intermediate | Retail and wholesale |
| Wabash River (f) | 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>7,088</u> | | <u>6,778</u> | | | | | |
| <u>Hydroelectric Generation</u> | | | | | | | | | | |
| Markland | Indiana | RFC | <u>45</u> | 100% | <u>45</u> | 1967 | | Hydro | Peaking | Retail and wholesale |
| Total Indiana | | | <u>7,133</u> | | <u>6,823</u> | | | | | |
| <u>Duke Energy Kentucky</u> | | | | | | | | | | |
| <u>Fossil Generation</u> | | | | | | | | | | |
| East Bend * (g) | Kentucky | RFC | 600 | 69% | 414 | 1981 | | Coal | Baseload | Retail and wholesale |
| Miami Fort 6 | Ohio | RFC | 163 | 100% | 163 | 1960 | | Coal | Intermediate | Retail and wholesale |
| Woodsdale CT | Ohio | RFC | <u>462</u> | 100% | <u>462</u> | 1992 | | Natural Gas/Propane | Peaking | Retail and wholesale |
| Total Kentucky | | | <u>1,225</u> | | <u>1,039</u> | | | | | |
| Total USFE&G Regulated Generation | | | <u>29,716</u> | | <u>27,397</u> | | | | | |
| <u>Commercial Power</u> | | | | | | | | | | |
| <u>Duke Energy Ohio</u> | | | | | | | | | | |
| <u>Regulated</u> | | | | | | | | | | |
| J.M. Stuart * | Ohio | RFC | 2,340 | 39% | 912 | 1971-1974 | | 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 |
| Beckjord 1 - 5 | Ohio | RFC | 1,124 | 76.7% | 862 | 1952-1969 | | 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 |
| Conesville 4 * | Ohio | RFC | 780 | 40% | 312 | 1973 | | Coal | Baseload | Ohio native load and market dispatch |
| Killen * | Ohio | RFC | 600 | 33% | 198 | 1982 | | Coal | Baseload | Ohio native load and market dispatch |
| Beckjord CT | Ohio | RFC | 212 | 100% | 212 | 1972 | | Fuel Oil | Peaking | Ohio native load and market dispatch |
| Dick's Creek | Ohio | RFC | 152 | 100% | 152 | 1965-1969 | | Natural Gas | Peaking | Ohio native load and market dispatch |
| Miami Fort CT | Ohio | RFC | <u>60</u> | 100% | <u>60</u> | 1971 | | Fuel Oil | Peaking | Ohio native load and market dispatch |
| Total Regulated | | | <u>7,568</u> | | <u>3,953</u> | | | | | |
| <u>Unregulated</u> | | | | | | | | | | |
| Hanging Rock | Ohio | RFC | 1,240 | 100% | 1,240 | 2003 | | Natural Gas | Intermediate | Market dispatch |
| Lee | Illinois | RFC | 640 | 100% | 640 | 2001 | | Natural Gas | Intermediate | Market dispatch |
| Vermillion (h) | Indiana | RFC | 640 | 75% | 480 | 2000 | | Natural Gas | Peaking | Market dispatch |
| Fayette | Pennsylvania | RFC | 620 | 100% | 620 | 2003 | | Natural Gas | Intermediate | Market dispatch |
| Washington | Ohio | RFC | <u>620</u> | 100% | <u>620</u> | 2002 | | Natural Gas | Intermediate | Market dispatch |
| Total Unregulated | | | <u>3,760</u> | | <u>3,600</u> | | | | | |
| Total Duke Energy Ohio | | | <u>11,328</u> | | <u>7,553</u> | | | | | |

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| <i>Duke Energy Renewables</i> | | | | | | | | | | |
| Top of the World | Wyoming | WECC | 200 | 100% | 200 | 2010 | | Wind | As Available | PacifiCorp |
| Campbell Hill | Wyoming | WECC | 99 | 100% | 99 | 2009 | | Wind | As Available | PacifiCorp |
| 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 |
| North Allegheny | Pennsylvania | RFC | 70 | 100% | 70 | 2009 | | Wind | As Available | First Energy Solutions Corp. |
| Ocotillo | Texas | TRE | 59 | 100% | 59 | 2008 | | Wind | As Available | Market dispatch |
| Kit Carson | Colorado | WECC | 51 | 100% | 51 | 2010 | | Wind | As Available | Tri-State Generation and Transmission |
| Silver Sage | Wyoming | WECC | 42 | 100% | 42 | 2009 | | Wind | As Available | Platte River Power Authority / Cheyenne Light, Fuel & Power |
| Happy Jack | Wyoming | WECC | 29 | 100% | 29 | 2008 | | Wind | As Available | Cheyenne Light, Fuel & Power |
| Shirley | Wisconsin | MRO | 20 | 100% | 20 | 2010 | | Wind | As Available | Wisconsin Public Service Corp. |
| Bagdad | Arizona | WECC | 15 | 100% | 15 | 2011 | | Solar | As Available | Arizona Public Service Co. |
| TX Solar I | Texas | TRE | 14 | 100% | 14 | 2010 | | Solar | As Available | CPS San Antonio |
| Solar Star NC II, LLC | North Carolina | SERC | 5 | 100% | 5 | 2011 | | Solar | As Available | North Carolina Electric Membership Corporation |
| RP-Orlando, LLC | Florida | FRCC | 5 | 100% | 5 | 2011 | | Solar | As Available | Orlando Utilities Commission |
| Ajo | Arizona | WECC | 4 | 100% | 4 | 2011 | | Solar | As Available | Austin Energy |
| Shelby Solar | North Carolina | SERC | 1 | 100% | 1 | 2010 | | Solar | As Available | NC Municipal Power Agency #1 |
| Taylorville | North Carolina | SERC | 1 | 100% | 1 | 2010 | | Solar | As Available | EnergyUnited Electric Membership Corporation |
| Martins Creek | North Carolina | SERC | 1 | 100% | 1 | 2011 | | Solar | As Available | Cherokee County Board of Education |
| Murphy's Farm | North Carolina | SERC | 1 | 100% | 1 | 2011 | | Solar | As Available | Blue Ridge Mountain Electric Membership Corp |
| CS Murphy Point | North Carolina | SERC | 1 | 100% | 1 | 2011 | | Solar | As Available | Blue Ridge Mountain Electric Membership Corp |
| NC Renewables | North Carolina | SERC | 1 | 100% | 1 | 2011 | | Solar | As Available | Blue Ridge Mountain Electric Membership Corp |
| Total Duke Energy Renewables (i)(j) | | | 772 | | 772 | | | | | |
| Total Commercial Power (i)(j) | | | 12,100 | | 8,325 | | | | | |
| Total USFE&G Regulated and Commercial Power Generation | | | 41,816 | | 35,722 | | | | | |

INTERNATIONAL GENERATION

Duke Energy International

| | | | | | | | | | | |
|--|-------------|--|---------------|--------|---------------|------|--|----------------------------|----------------------|--------------------------|
| Aguaytia Energy | Peru | | 175 | 100.0% | 175 | 1998 | | Natural Gas | Intermediate/Peaking | Merchant Plants and Grid |
| Electroquil | Ecuador | | 192 | 84.8% | 163 | 1998 | | Diesel | Intermediate/Peaking | PPA |
| Generadora Acajutla | El Salvador | | 328 | 90.3% | 296 | 1999 | | Fuel Oil / Diesel | Intermediate/Peaking | Open market |
| Parapanama | Brazil | | 2,307 | 91.9% | 2,119 | 1999 | | Hydro | Baseload | LDCs and open market |
| Egenor | Peru | | 635 | 100.0% | 635 | | | Hydro / Diesel/Natural Gas | Baseload | Open market |
| 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 | | 366 | 100.0% | 366 | 2001 | | Fuel Oil / Diesel / Coal | Intermediate/Peaking | Open market |
| Total Duke Energy International | | | 4,579 | | 4,277 | | | | | |
| Total Generation Portfolio | | | 46,395 | | 39,999 | | | | | |

Footnotes

* Facilities with scrubbers in place or planned.

** Includes operational or available capacity only.

(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) This generation facility is jointly owned by Duke Energy Carolinas along with North Carolina Municipal Power Agency Number 1, North Carolina Electric Membership Corporation and Piedmont Municipal Power Agency.

(d) Includes Cayuga Internal Combustion (IC).

(e) Duke Energy Indiana owns 50.05% of Unit 5, but is the operator. Unit 5 is jointly owned by Duke Energy Indiana, Wabash Valley Power Association, Inc. and Indiana Municipal Power Agency.

(f) Includes Wabash River IC.

(g) This generation facility is jointly owned by Duke Energy Kentucky and a subsidiary of Dayton Power and Light.

(h) After receiving approval from the FERC and the IURC, on January 12, 2012, Duke Energy Ohio completed the sale of its 75% ownership in the Vermillion Generating Station. Upon the close, Duke Energy Indiana and the Wabash Valley Power Association, Inc. held 62.5% and 37.5% interests, respectively.

(i) Commercial Power also owns an equity interest in the 585MW Sweetwater wind projects located in TX. Commercial Power's share in these projects is 283MW.

(j) Commercial Power contributed interest in 2MW of solar projects located in PA to the INDU joint venture. The project has an additional 9MW in-service. Commercial Power's share in these projects is 6MW.