# Existing Generating Units in the United States by State, Company and Plant, 2004

(Existing generating units as of January 1, 2005)

| State | County | Utility ID | Plant Name | Primary Purpose Code | Generator ID | Nameplate Capacity (Megawatts) | Prime Mover | Energy Source 1 | Initial Month of Operation | Initial Year of Operation | Unit Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Gloucester | 11132 | Logan Generating Plant | 22 | GEN1 | 242 | ST | BIT | 10 | 1994 | OP |
| NJ | Salem | 14932 | Chambers Cogeneration LP | 22 | GEN1 | 285 | ST | BIT | 12 | 1993 | OP |
| NJ | Hudson | 15147 | PSEG Hudson Generating Station | 22 | 2 | 659.7 | ST | BIT | 12 | 1968 | OP |
| NJ | Mercer | 15147 | PSEG Mercer Generating Station | 22 | 2 | 326.4 | ST | BIT | 6 | 1961 | OP |
| NJ | Mercer | 15147 | PSEG Mercer Generating Station | 22 | 1 | 326.4 | ST | BIT | 12 | 1960 | OP |
| NJ | Salem | 15478 | PSEG Hope Creek Generating Station | 22 | 1 | 1170 | ST | NUC | 12 | 1986 | OP |
| NJ | Salem | 15478 | PSEG Salem Generating Station | 22 | 2 | 1170 | ST | NUC | 10 | 1981 | OP |
| NJ | Salem | 15478 | PSEG Salem Generating Station | 22 | 1 | 1170 | ST | NUC | 6 | 1977 | OP |
| NJ | Ocean | 39185 | Oyster Creek | 22 | 1 | 640.7 | ST | NUC | 12 | 1969 | OP |
| NJ | Middlesex | 22131 | AES Red Oak LLC | 22 | 0004 | 330 | CA | NG | 4 | 2002 | OP |
| NJ | Middlesex | 22131 | AES Red Oak LLC | 22 | 0001 | 212 | CT | NG | 3 | 2002 | OP |
| NJ | Middlesex | 22131 | AES Red Oak LLC | 22 | 0002 | 212 | CT | NG | 3 | 2002 | OP |
| NJ | Middlesex | 22131 | AES Red Oak LLC | 22 | 0003 | 212 | CT | NG | 3 | 2002 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 2301 | 258 | CA | NG | 6 | 2002 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 1501 | 287.2 | CA | NG | 5 | 1959 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 2201 | 174.2 | CT | NG | 6 | 2002 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 2101 | 174 | CT | NG | 6 | 2002 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 1101 | 112.5 | CT | NG | 6 | 1995 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 1201 | 112.5 | CT | NG | 6 | 1995 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 1301 | 112.5 | CT | NG | 6 | 1995 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 1401 | 112.5 | CT | NG | 6 | 1995 | OP |
| NJ | Hudson | 15147 | Bergen | 22 | 3 | 18.6 | GT | NG | 7 | 1967 | OP |
| NJ | Hudson | 21468 | Bayonne Cogen Plant | 22 | STG1 | 61.4 | CA | NG | 7 | 1988 | OP |
| NJ | Hudson | 21468 | Bayonne Cogen Plant | 22 | GTG1 | 43.4 | CT | NG | 7 | 1988 | OP |
| NJ | Hudson | 21468 | Bayonne Cogen Plant | 22 | GTG2 | 43.4 | CT | NG | 7 | 1988 | OP |
| NJ | Hudson | 21468 | Bayonne Cogen Plant | 22 | GTG3 | 43.4 | CT | NG | 7 | 1988 | OP |
| NJ | Essex | 542 | American Ref-Fuel of Essex | 22 | GEN1 | 34.9 | ST | MSW | 11 | 1990 | OP |
| NJ | Essex | 542 | American Ref-Fuel of Essex | 22 | GEN2 | 34.9 | ST | MSW | 11 | 1990 | OP |
| NJ | Mercer | 1035 | Aves Hamilton | 22 | GEN1 | 3 | OT | NG | 10 | 1987 | OS |
| NJ | Cape May | 963 | B L England | 22 | 3 | 176.4 | ST | RFO | 12 | 1974 | OP |
| NJ | Cape May | 963 | B L England | 22 | IC1 | 2 | IC | DFO | 8 | 1961 | SB |
| NJ | Cape May | 963 | B L England | 22 | IC2 | 2 | IC | DFO | 8 | 1961 | SB |
| NJ | Cape May | 963 | B L England | 22 | IC3 | 2 | IC | DFO | 8 | 1961 | SB |
| NJ | Cape May | 963 | B L England | 22 | IC4 | 2 | IC | DFO | 8 | 1961 | SB |
| NJ | Cape May | 963 | B L England | 22 | 2 | 163.2 | ST | BIT | 11 | 1964 | OP |
| NJ | Cape May | 963 | B L England | 22 | 1 | 136 | ST | BIT | 10 | 1962 | OP |

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| State | County | Utility ID | Plant Name | Primary Purpose Code | Generator ID | Nameplate Capacity (Megawatts) | Prime Mover | Energy Source 1 | Initial Month of Operation | Initial Year of Operation | Unit Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Bergen | 50084 | Balefill Landfill Gas Utilization Proj | 22 | UNT1 | 1.9 | IC | LFG | 10 | 1998 | OP |
| NJ | Bergen | 50084 | Balefill Landfill Gas Utilization Proj | 22 | UNT2 | 1.9 | IC | LFG | 10 | 1998 | OP |
| NJ | Camden | 2904 | Camden Cogen LP | 22 | GEN1 | 95.2 | CT | NG | 2 | 1993 | OP |
| NJ | Camden | 2904 | Camden Cogen LP | 22 | GEN2 | 61.8 | CA | NG | 2 | 1993 | OP |
| NJ | Camden | 49966 | Camden Resource Recovery Facility | 22 | TGA | 17.5 | ST | MSW | 3 | 1991 | OP |
| NJ | Camden | 49966 | Camden Resource Recovery Facility | 22 | TGB | 17.5 | ST | MSW | 3 | 1991 | OP |
| NJ | Cumberland | 4158 | Carlls Corner | 22 | CA1 | 41.9 | GT | NG | 4 | 1973 | SB |
| NJ | Cumberland | 4158 | Carlls Corner | 22 | CA2 | 41.9 | GT | NG | 5 | 1973 | SB |
| NJ | Ocean | 4158 | Cedar Station | 22 | CED1 | 46 | GT | KER | 6 | 1972 | SB |
| NJ | Ocean | 4158 | Cedar Station | 22 | CED2 | 21.2 | GT | KER | 6 | 1972 | SB |
| NJ | Warren | 4458 | Covanta Warren Energy | 22 | 1 | 13.5 | ST | MSW | 9 | 1988 | OP |
| NJ | Cumberland | 4158 | Cumberland | 22 | CUMB | 99.4 | GT | NG | 5 | 1990 | SB |
| NJ | Salem | 4158 | Deepwater | 22 | 1 | 81.6 | ST | NG | 12 | 1958 | SB |
| NJ | Salem | 4158 | Deepwater | 22 | GTA | 18.6 | GT | NG | 4 | 1967 | SB |
| NJ | Salem | 4158 | Deepwater | 22 | 6 | 73.5 | ST | BIT | 12 | 1954 | OP |
| NJ | Ocean | 9726 | Forked River | 22 | 1 | 38.4 | GT | NG | 6 | 1989 | OP |
| NJ | Ocean | 9726 | Forked River | 22 | 2 | 38.4 | GT | NG | 7 | 1989 | OP |
| NJ | Monmouth | 49812 | Freehold Ashbury Park Press | 22 | UNT1 | 1.1 | IC | NG | 10 | 1997 | OP |
| NJ | Monmouth | 49812 | Freehold Ashbury Park Press | 22 | UNT2 | 1.1 | IC | NG | 10 | 1997 | OP |
| NJ | Hunterdon | 15864 | Gilbert | 22 | 8 | 135 | CA | DFO | 5 | 1977 | OP |
| NJ | Hunterdon | 15864 | Gilbert | 22 | 4 | 54 | CT | DFO | 1 | 1974 | OP |
| NJ | Hunterdon | 15864 | Gilbert | 22 | 5 | 54 | CT | DFO | 4 | 1974 | OP |
| NJ | Hunterdon | 15864 | Gilbert | 22 | 6 | 54 | CT | DFO | 4 | 1974 | OP |
| NJ | Hunterdon | 15864 | Gilbert | 22 | 7 | 54 | CT | DFO | 5 | 1974 | OP |
| NJ | Hunterdon | 15864 | Gilbert | 22 | 9 | 161 | GT | DFO | 7 | 1996 | SB |
| NJ | Hunterdon | 15864 | Gilbert | 22 | C1 | 24 | GT | DFO | 7 | 1970 | SB |
| NJ | Hunterdon | 15864 | Gilbert | 22 | C2 | 24 | GT | DFO | 10 | 1970 | SB |
| NJ | Hunterdon | 15864 | Gilbert | 22 | C3 | 24 | GT | DFO | 8 | 1970 | SB |
| NJ | Hunterdon | 15864 | Gilbert | 22 | C4 | 24 | GT | DFO | 7 | 1970 | SB |
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 1 | 20 | GT | NG | 6 | 1971 | SB |
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 2 | 20 | GT | NG | 6 | 1971 | SB |
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 4 | 20 | GT | NG | 6 | 1971 | SB |
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 5 | 20 | GT | NG | 7 | 1971 | SB |
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 6 | 20 | GT | NG | 7 | 1971 | SB |
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 7 | 20 | GT | NG | 7 | 1971 | SB |
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 8 | 20 | GT | NG | 7 | 1971 | SB |

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| State | County | Utility ID | Plant Name | Primary Purpose Code | Generator ID | Nameplate Capacity (Megawatts) | Prime Mover | Energy Source 1 | Initial Month of Operation | Initial Year of Operation | Unit Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Hunterdon | 15864 | Glenn Gardner | 22 | 3 | 19.6 | GT | NG | 6 | 1971 | SB |
| NJ | Passaic | 7538 | Great Falls Hydro Project | 22 | GEN1 | 3.6 | HY | WAT | 12 | 1985 | OP |
| NJ | Passaic | 7538 | Great Falls Hydro Project | 22 | GEN2 | 3.6 | HY | WAT | 12 | 1985 | OP |
| NJ | Passaic | 7538 | Great Falls Hydro Project | 22 | GEN3 | 3.6 | HY | WAT | 12 | 1985 | OP |
| NJ | Bergen | 50084 | HMDC Kingsland Landfill | 22 | UNT1 | 0.9 | IC | LFG | 4 | 1999 | OP |
| NJ | Bergen | 50084 | HMDC Kingsland Landfill | 22 | UNT2 | 0.9 | IC | LFG | 4 | 1999 | OP |
| NJ | Bergen | 50084 | HMDC Kingsland Landfill | 22 | UNT3 | 0.9 | IC | LFG | 7 | 2002 | OP |
| NJ | Cumberland | 19856 | Howard Down | 22 | 9 | 16.5 | ST | RFO | 12 | 1960 | OP |
| NJ | Cumberland | 19856 | Howard Down | 22 | 8 | 12.5 | ST | RFO | 10 | 1955 | OP |
| NJ | Cumberland | 19856 | Howard Down | 22 | 7 | 7.5 | ST | RFO | 12 | 1952 | SB |
| NJ | Cumberland | 19856 | Howard Down | 22 | 6 | 5 | ST | RFO | 99 | 1949 | SB |
| NJ | Cumberland | 19856 | Howard Down | 22 | 5 | 4 | ST | RFO | 99 | 1942 | SB |
| NJ | Cumberland | 19856 | Howard Down | 22 | 10 | 25 | ST | BIT | 5 | 1970 | OP |
| NJ | Union | 5530 | Kenilworth Energy Facility | 22 | GEN1 | 22 | CT | NG | 3 | 1989 | OP |
| NJ | Union | 5530 | Kenilworth Energy Facility | 22 | GEN2 | 6.8 | CA | NG | 4 | 1989 | OP |
| NJ | Gloucester | 10277 | Kinsleys Landfill | 22 | 0011 | 0.5 | IC | LFG | 7 | 1985 | OP |
| NJ | Gloucester | 10277 | Kinsleys Landfill | 22 | 0012 | 0.5 | IC | LFG | 7 | 1985 | OP |
| NJ | Gloucester | 10277 | Kinsleys Landfill | 22 | 0013 | 0.5 | IC | LFG | 7 | 1985 | OP |
| NJ | Gloucester | 10277 | Kinsleys Landfill | 22 | 0014 | 0.5 | IC | LFG | 7 | 1985 | OP |
| NJ | Bergen | 10402 | KMS Crossroads | 22 | TG-4 | 7 | GT | NG | 6 | 1996 | OP |
| NJ | Bergen | 10402 | KMS Crossroads | 22 | DG-1 | 1.1 | IC | NG | 1 | 1988 | OP |
| NJ | Bergen | 10402 | KMS Crossroads | 22 | DG-3 | 1.1 | IC | NG | 1 | 1988 | OP |
| NJ | Sussex | 21148 | Lafayette Energy Partners LP | 22 | HA1 | 0.6 | IC | LFG | 7 | 1990 | OP |
| NJ | Sussex | 21148 | Lafayette Energy Partners LP | 22 | HA2 | 0.6 | IC | LFG | 7 | 1990 | OP |
| NJ | Ocean | 3616 | Lakewood Cogen LP | 22 | GEN3 | 82.7 | CA | NG | 4 | 1994 | SB |
| NJ | Ocean | 3616 | Lakewood Cogen LP | 22 | GEN1 | 77.9 | CT | NG | 4 | 1994 | SB |
| NJ | Ocean | 3616 | Lakewood Cogen LP | 22 | GEN2 | 77.9 | CT | NG | 4 | 1994 | SB |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | GTG6 | 212.5 | CT | NG | 1 | 2002 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | GTG1 | 102.8 | CT | NG | 3 | 1992 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | GTG2 | 102.8 | CT | NG | 3 | 1992 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | GTG3 | 102.8 | CT | NG | 4 | 1992 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | GTG4 | 102.8 | CT | NG | 3 | 1992 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | GTG5 | 102.8 | CT | NG | 4 | 1992 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | STG1 | 102.8 | CA | NG | 3 | 1992 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | STG2 | 102.8 | CA | NG | 3 | 1992 | OP |
| NJ | Union | 3890 | Linden Cogen Plant | 22 | STG3 | 102.8 | CA | NG | 4 | 1992 | OP |

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| State | County | Utility ID | Plant Name | Primary Purpose Code | Generator ID | Nameplate Capacity (Megawatts) | Prime Mover | Energy Source 1 | Initial Month of Operation | Initial Year of Operation | Unit Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Gloucester | 4158 | Micketon Station | 22 | MICK | 71.2 | GT | NG | 6 | 1974 | SB |
| NJ | Cape May | 4158 | Middle Station | 22 | MID3 | 37.2 | GT | KER | 5 | 1971 | SB |
| NJ | Cape May | 4158 | Middle Station | 22 | MID1 | 21.2 | GT | KER | 6 | 1970 | SB |
| NJ | Cape May | 4158 | Middle Station | 22 | MID2 | 21.2 | GT | KER | 6 | 1970 | SB |
| NJ | Middlesex | 49775 | Middlesex Generating Facility | 22 | 300 | 10.5 | CA | OBG | 10 | 2001 | OP |
| NJ | Middlesex | 49775 | Middlesex Generating Facility | 22 | 100 | 6 | CT | OBG | 10 | 2001 | OP |
| NJ | Middlesex | 49775 | Middlesex Generating Facility | 22 | 200 | 6 | CT | OBG | 10 | 2001 | OP |
| NJ | Atlantic | 4158 | Missouri Avenue | 22 | MISB | 18.6 | GT | KER | 5 | 1969 | SB |
| NJ | Atlantic | 4158 | Missouri Avenue | 22 | MISC | 18.6 | GT | KER | 1 | 1969 | SB |
| NJ | Atlantic | 4158 | Missouri Avenue | 22 | MISD | 18.6 | GT | KER | 2 | 1969 | SB |
| NJ | Monmouth | 12773 | Monmouth Landfill Gas to Energy | 22 | GEN1 | 10.3 | GT | LFG | 7 | 1998 | OP |
| NJ | Union | 4192 | Newark Bay Cogeneration Project | 22 | GEN1 | 58 | CT | NG | 5 | 1993 | OP |
| NJ | Union | 4192 | Newark Bay Cogeneration Project | 22 | GEN3 | 40 | CA | NG | 6 | 1993 | OP |
| NJ | Union | 4192 | Newark Bay Cogeneration Project | 22 | GEN2 | 58 | CT | NG | 4 | 1993 | SB |
| NJ | Essex | 2895 | Newark Power Plant | 22 | GEN1 | 45.9 | CT | NG | 11 | 1990 | OP |
| NJ | Essex | 2895 | Newark Power Plant | 22 | GEN2 | 18.7 | CA | NG | 11 | 1990 | OP |
| NJ | Middlesex | 12716 | O'Brien Biogas IV LLC | 22 | UNT1 | 9.9 | ST | LFG | 9 | 1997 | OP |
| NJ | Ocean | 12416 | Ocean County Landfill | 22 | UNT1 | 0.8 | IC | LFG | 2 | 1997 | OP |
| NJ | Ocean | 12416 | Ocean County Landfill | 22 | UNT2 | 0.8 | IC | LFG | 2 | 1997 | OP |
| NJ | Ocean | 12416 | Ocean County Landfill | 22 | UNT3 | 0.8 | IC | LFG | 2 | 1997 | OP |
| NJ | Ocean | 12416 | Ocean County Landfill | 22 | UNT4 | 0.8 | IC | LFG | 2 | 1997 | OP |
| NJ | Ocean | 12416 | Ocean County Landfill | 22 | UNT5 | 0.8 | IC | LFG | 2 | 1997 | OP |
| NJ | Ocean | 12416 | Ocean County Landfill | 22 | UNT6 | 0.8 | IC | LFG | 2 | 1997 | OP |
| NJ | Ocean | 20246 | Ocean Peaking Power LP | 22 | OPP3 | 191.5 | GT | NG | 5 | 2003 | OP |
| NJ | Ocean | 20246 | Ocean Peaking Power LP | 22 | OPP4 | 191.5 | GT | NG | 5 | 2003 | OP |
| NJ | Middlesex | 34026 | Parlin Power Plant | 22 | GEN1 | 45.9 | CT | NG | 6 | 1991 | OP |
| NJ | Middlesex | 34026 | Parlin Power Plant | 22 | GEN2 | 45.9 | CT | NG | 6 | 1991 | OP |
| NJ | Middlesex | 34026 | Parlin Power Plant | 22 | GEN4 | 24.5 | CA | NG | 6 | 1991 | OP |
| NJ | Middlesex | 34026 | Parlin Power Plant | 22 | GEN3 | 23.5 | CA | NG | 6 | 1991 | OP |
| NJ | Passaic | 14539 | Passaic Valley Water Commission | 22 | GEN1 | 0.6 | HY | WAT | 1 | 1935 | OP |
| NJ | Passaic | 14539 | Passaic Valley Water Commission | 22 | GEN2 | 0.6 | HY | WAT | 1 | 1935 | OP |
| NJ | Passaic | 14539 | Passaic Valley Water Commission | 22 | GEN3 | 0.6 | HY | WAT | 1 | 1935 | OP |
| NJ | Passaic | 14539 | Passaic Valley Water Commission | 22 | GEN4 | 0.6 | HY | WAT | 1 | 1935 | OP |
| NJ | Salem | 19306 | Pedricktown Cogen Plant | 22 | GEN1 | 92.1 | CT | NG | 3 | 1992 | OP |
| NJ | Salem | 19306 | Pedricktown Cogen Plant | 22 | GEN2 | 42.4 | CA | NG | 3 | 1992 | OP |
| NJ | Bergen | 15382 | Prime Energy LP | 22 | GEN1 | 59 | CT | NG | 4 | 1989 | OP |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Bergen | 15382 | Prime Energy LP | 22 | GEN2 | 24 | CA | NG | 5 | 1989 | OP |
| NJ | Hudson | 15147 | PSEG Bayonne Generating Station | 22 | 1 | 21.2 | GT | KER | 6 | 1970 | OP |
| NJ | Hudson | 15147 | PSEG Bayonne Generating Station | 22 | 2 | 21 | GT | KER | 6 | 1970 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 121 | 60.5 | GT | NG | 6 | 2000 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 122 | 60.5 | GT | NG | 6 | 2000 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 123 | 60.5 | GT | NG | 6 | 2000 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 124 | 60.5 | GT | NG | 6 | 2000 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 91 | 41.8 | GT | KER | 5 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 92 | 41.8 | GT | KER | 5 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 93 | 41.8 | GT | KER | 5 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 94 | 41.8 | GT | KER | 5 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 111 | 41.8 | GT | KER | 6 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 112 | 41.8 | GT | KER | 6 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 113 | 41.8 | GT | KER | 6 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 114 | 41.8 | GT | KER | 6 | 1972 | OP |
| NJ | Burlington | 15147 | PSEG Burlington Generating Station | 22 | 8 | 18.5 | GT | KER | 6 | 1967 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 11 | 41.8 | GT | NG | 5 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 12 | 41.8 | GT | NG | 5 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 13 | 41.8 | GT | NG | 5 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 14 | 41.8 | GT | NG | 5 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 21 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 22 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 23 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 24 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 31 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 32 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 33 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Edison Generating Station | 22 | 34 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 9 | 93.6 | GT | NG | 7 | 1990 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 101 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 102 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 103 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 104 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 111 | 41.8 | GT | NG | 12 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 112 | 41.8 | GT | NG | 12 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 113 | 41.8 | GT | NG | 12 | 1971 | OP |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 114 | 41.8 | GT | NG | 12 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 121 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 122 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 123 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Essex | 15147 | PSEG Essex Generating Station | 22 | 124 | 41.8 | GT | NG | 6 | 1971 | OP |
| NJ | Hudson | 15147 | PSEG Hudson Generating Station | 22 | 1 | 454.7 | ST | NG | 12 | 1964 | OP |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | 7 | 147 | ST | RFO | 3 | 1953 | SB |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | 8 | 147 | ST | RFO | 1 | 1953 | SB |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | 10 | 146.2 | GT | NG | 5 | 1970 | OP |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | 11 | 146.2 | GT | NG | 12 | 1969 | OP |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | N121 | 60.5 | GT | NG | 8 | 2001 | OP |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | N122 | 60.5 | GT | NG | 8 | 2001 | OP |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | N123 | 60.5 | GT | NG | 8 | 2001 | OP |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | N124 | 60.5 | GT | NG | 8 | 2001 | OP |
| NJ | Hudson | 15147 | PSEG Kearny Generating Station | 22 | 9 | 18.5 | GT | NG | 5 | 1967 | OP |
| NJ | Union | 15147 | PSEG Linden Generating Station | 22 | 1 | 259.7 | ST | RFO | 5 | 1957 | SB |
| NJ | Union | 15147 | PSEG Linden Generating Station | 22 | 2 | 259.7 | ST | RFO | 12 | 1957 | SB |
| NJ | Union | 15147 | PSEG Linden Generating Station | 22 | 5 | 96.1 | GT | NG | 6 | 2000 | OP |
| NJ | Union | 15147 | PSEG Linden Generating Station | 22 | 6 | 96.1 | GT | NG | 6 | 2000 | OP |
| NJ | Union | 15147 | PSEG Linden Generating Station | 22 | 7 | 96.1 | GT | NG | 6 | 1995 | OP |
| NJ | Union | 15147 | PSEG Linden Generating Station | 22 | 8 | 96.1 | GT | NG | 6 | 1995 | OP |
| NJ | Union | 15147 | PSEG Linden Generating Station | 22 | 3 | 18.5 | GT | NG | 7 | 1967 | SB |
| NJ | Mercer | 15147 | PSEG Mercer Generating Station | 22 | 3 | 115.2 | GT | KER | 11 | 1967 | OP |
| NJ | Gloucester | 15147 | PSEG National Park Generating Station | 22 | 1 | 18.5 | GT | KER | 6 | 1969 | OP |
| NJ | Salem | 15478 | PSEG Salem Generating Station | 22 | 3 | 41.8 | GT | KER | 6 | 1971 | OP |
| NJ | Middlesex | 15147 | PSEG Sewaren Generating Station | 22 | 4 | 119 | ST | NG | 7 | 1951 | OP |
| NJ | Middlesex | 15147 | PSEG Sewaren Generating Station | 22 | 3 | 108.8 | ST | NG | 10 | 1949 | OP |
| NJ | Middlesex | 15147 | PSEG Sewaren Generating Station | 22 | 1 | 103.2 | ST | NG | 12 | 1948 | OP |
| NJ | Middlesex | 15147 | PSEG Sewaren Generating Station | 22 | 2 | 100 | ST | NG | 11 | 1948 | OP |
| NJ | Middlesex | 15147 | PSEG Sewaren Generating Station | 22 | 6 | 115.2 | GT | KER | 11 | 1965 | OP |
| NJ | Middlesex | 15864 | Sayreville | 22 | GT2 | 53 | GT | NG | 3 | 1972 | OP |
| NJ | Middlesex | 15864 | Sayreville | 22 | GT4 | 53 | GT | NG | 10 | 1973 | OP |
| NJ | Middlesex | 15864 | Sayreville | 22 | GT1 | 53 | GT | DFO | 3 | 1972 | OP |
| NJ | Middlesex | 15864 | Sayreville | 22 | GT3 | 53 | GT | DFO | 6 | 1972 | OP |
| NJ | Middlesex | 22290 | Sayreville Cogeneration Facility | 22 | CT1 | 143.4 | CT | NG | 8 | 1991 | OP |
| NJ | Middlesex | 22290 | Sayreville Cogeneration Facility | 22 | CT2 | 143.4 | CT | NG | 8 | 1991 | OP |

# Existing Generating Units in the United States by State, Company and Plant, 2004

(Existing generating units as of January 1, 2005)

| State | County | Utility ID | Plant Name | Primary Purpose Code | Generator ID | Nameplate Capacity (Megawatts) | Prime Mover | Energy Source 1 | Initial Month of Operation | Initial Year of Operation | Unit Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Middlesex | 22290 | Sayreville Cogeneration Facility | 22 | ST1 | 143.4 | CA | NG | 8 | 1991 | OP |
| NJ | Cumberland | 4158 | Sherman Avenue | 22 | SEHR | 112.8 | GT | NG | 5 | 1991 | SB |
| NJ | Mercer | 19148 | Trigen Trenton Energy | 22 | 7213 | 6 | IC | NG | 12 | 1983 | OP |
| NJ | Mercer | 19148 | Trigen Trenton Energy | 22 | 7214 | 6 | IC | DFO | 12 | 1983 | OP |
| NJ | Union | 4440 | Union County Resource Recovery | 22 | GEN1 | 45 | ST | MSW | 2 | 1994 | OP |
| NJ | Middlesex | 15864 | Werner | 22 | GT1 | 53 | GT | DFO | 3 | 1972 | OP |
| NJ | Middlesex | 15864 | Werner | 22 | GT2 | 53 | GT | DFO | 4 | 1972 | OP |
| NJ | Middlesex | 15864 | Werner | 22 | GT3 | 53 | GT | DFO | 5 | 1972 | OP |
| NJ | Middlesex | 15864 | Werner | 22 | GT4 | 53 | GT | DFO | 6 | 1972 | OP |
| NJ | Cumberland | 19856 | West Station | 22 | 1 | 27 | GT | DFO | 6 | 1972 | OP |
| NJ | Gloucester | 20541 | Wheelabrator Gloucester LP | 22 | GEN1 | 14 | ST | MSW | 1 | 1990 | OP |
| NJ | Warren | 9726 | Yards Creek | 22 | 1 | 151 | PS | WAT | 11 | 1965 | OP |
| NJ | Warren | 9726 | Yards Creek | 22 | 2 | 151 | PS | WAT | 12 | 1965 | OP |
| NJ | Warren | 9726 | Yards Creek | 22 | 3 | 151 | PS | WAT | 9 | 1965 | OP |
| NJ | Hunterdon | 8927 | Hunterdon Cogen Facility | 92 | 1 | 4.1 | GT | NG | 11 | 1993 | OP |
| NJ | Essex | 623 | Anheuser Busch Newark Brewery | 311 | GEN1 | 6.5 | GT | NG | 6 | 1995 | OP |
| NJ | Essex | 623 | Anheuser Busch Newark Brewery | 311 | GEN2 | 6.5 | GT | NG | 11 | 1995 | OP |
| NJ | Warren | 11401 | Masterfoods USA | 311 | GEN1 | 8.8 | CT | NG | 5 | 1989 | OP |
| NJ | Warren | 11401 | Masterfoods USA | 311 | GEN2 | 1.4 | CA | NG | 10 | 1984 | OP |
| NJ | Bergen | 17207 | Lowe Paper Simkins Industries | 322 | GEN1 | 3 | ST | RFO | 1 | 1909 | OP |
| NJ | Monmouth | 900 | Asbury Park Press | 323 | ENG1 | 0.7 | IC | NG | 5 | 1987 | OP |
| NJ | Monmouth | 900 | Asbury Park Press | 323 | ENG2 | 0.7 | IC | NG | 5 | 1987 | OP |
| NJ | Middlesex | 2265 | Bristol Myers Squibb | 325 | GEN1 | 9.5 | GT | NG | 7 | 1992 | OP |
| NJ | Middlesex | 2265 | Bristol Myers Squibb | 325 | GEN2 | 1 | ST | NG | 8 | 1999 | OP |
| NJ | Middlesex | 8479 | Green Tree Chemical Technologies | 325 | NO.2 | 1.5 | ST | DFO | 1 | 1946 | OS |
| NJ | Middlesex | 8479 | Green Tree Chemical Technologies | 325 | NO.4 | 3 | ST | DFO | 1 | 1936 | OS |
| NJ | Passaic | 8701 | Hoffmann LaRoche | 325 | TG01 | 5.3 | GT | NG | 5 | 2004 | OP |
| NJ | Passaic | 8701 | Hoffmann LaRoche | 325 | TG03 | 5.3 | GT | NG | 5 | 2004 | OP |
| NJ | Somerset | 8693 | Aventis Pharmaceuticals | 325 | 02 | 5 | GT | NG | 11 | 2002 | OP |
| NJ | Union | 12311 | Merck Rahway Power Plant | 325 | GEN7 | 4 | ST | DFO | 1 | 1968 | OP |
| NJ | Union | 12311 | Merck Rahway Power Plant | 325 | GEN8 | 5 | ST | DFO | 1 | 1977 | OP |
| NJ | Union | 12311 | Merck Rahway Power Plant | 325 | GEN9 | 10.8 | ST | DFO | 1 | 2004 | OP |
| NJ | Union | 16723 | Schering Cogen Facility | 325 | GEN1 | 3.7 | GT | NG | 2 | 1994 | OP |
| NJ | Union | 16723 | Schering Cogen Facility | 325 | GEN2 | 4.4 | GT | NG | 12 | 1999 | OP |
| NJ | Union | 18311 | Summit Property Pharmaceutical | 325 | TURB | 2.8 | GT | NG | 5 | 1986 | OP |
| NJ | Warren | 49964 | Roche Vitamins | 325 | GEN2 | 2.3 | ST | NG | 3 | 1995 | OP |

# Existing Generating Units in the United States by State, Company and Plant, 2004

(Existing generating units as of January 1, 2005)

| State | County | Utility ID | Plant Name | Primary Purpose Code | Generator ID | Nameplate Capacity (Megawatts) | Prime Mover | Energy Source 1 | Initial Month of Operation | Initial Year of Operation | Unit Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NJ | Warren | 49964 | Roche Vitamins | 325 | GEN3 | 38.2 | GT | NG | 6 | 1998 | OP |
| NJ | Somerset | 14966 | Pharmacia | 514 | TG-1 | 0.8 | GT | NG | 9 | 1986 | SB |
| NJ | Somerset | 14966 | Pharmacia | 514 | TG-2 | 0.8 | GT | NG | 9 | 1986 | SB |
| NJ | Somerset | 14966 | Pharmacia | 514 | TG-3 | 0.8 | GT | NG | 9 | 1986 | SB |
| NJ | Somerset | 14966 | Pharmacia | 514 | TG-4 | 0.8 | GT | NG | 9 | 1986 | SB |
| NJ | Somerset | 14966 | Pharmacia | 514 | TG-5 | 0.8 | GT | NG | 9 | 1986 | SB |
| NJ | Somerset | 14966 | Pharmacia | 514 | TG-6 | 0.8 | GT | NG | 9 | 1986 | SB |
| NJ | Essex | 12827 | Montclair Cogen Facility | 611 | 1 | 4.1 | GT | NG | 7 | 1993 | OP |
| NJ | Gloucester | 16397 | Rowan University | 611 | GEN1 | 1.5 | GT | NG | 1 | 1992 | OP |
| NJ | Essex | 19363 | University of Medicine Dentistry NJ | 622 | GEN1 | 3.5 | GT | NG | 7 | 1989 | OP |
| NJ | Essex | 19363 | University of Medicine Dentistry NJ | 622 | GEN2 | 3.5 | GT | NG | 7 | 1989 | OP |
| NJ | Essex | 19363 | University of Medicine Dentistry NJ | 622 | GEN3 | 3.5 | GT | NG | 7 | 1989 | OP |
| NJ | Ocean | 13943 | Bayville Central Facility | 22132 | COG1 | 0.3 | IC | OBG | 9 | 1988 | OP |
| NJ | Ocean | 13943 | Bayville Central Facility | 22132 | COG2 | 0.3 | IC | OBG | 9 | 1988 | OP |
| NJ | Ocean | 13943 | Bayville Central Facility | 22132 | COG3 | 0.3 | IC | OBG | 9 | 1988 | OS |
| NJ | Ocean | 13943 | Bayville Central Facility | 22132 | COG4 | 1.5 | IC | DFO | 5 | 2002 | OP |
| NJ | Ocean | 13943 | Bayville Central Facility | 22132 | COG5 | 1.5 | IC | DFO | 5 | 2002 | OP |
| NJ | Ocean | 13943 | Bayville Central Facility | 22132 | COG6 | 1.5 | IC | DFO | 5 | 2002 | OP |
| NJ | Ocean | 13943 | Bayville Central Facility | 22132 | COG7 | 1.5 | IC | DFO | 5 | 2002 | OP |
| NJ | Gloucester | 19691 | Paulsboro Refinery | 32411 | GEN1 | 27 | CT | NG | 9 | 1991 | OP |
| NJ | Gloucester | 19691 | Paulsboro Refinery | 32411 | GEN2 | 15 | CA | NG | 8 | 1982 | OP |
| NJ | Gloucester | 19691 | Paulsboro Refinery | 32411 | GEN3 | 15 | CA | NG | 9 | 1991 | OP |
| NJ | Gloucester | 49942 | Eagle Point Cogeneration | 32411 | GTG1 | 90 | CT | NG | 11 | 1990 | OP |
| NJ | Gloucester | 49942 | Eagle Point Cogeneration | 32411 | GTG2 | 90 | CT | NG | 11 | 1990 | OP |
| NJ | Gloucester | 49942 | Eagle Point Cogeneration | 32411 | STG1 | 45 | CA | NG | 4 | 1991 | OP |
| NJ | Gloucester | 50103 | Sunoco Eagle Point Refinery | 32411 | TR1 | 7.5 | ST | OG | 1 | 1949 | OP |
| NJ | Gloucester | 50103 | Sunoco Eagle Point Refinery | 32411 | TR2 | 7.5 | ST | OG | 1 | 1949 | OS |
| NJ | Gloucester | 50103 | Sunoco Eagle Point Refinery | 32411 | TR3 | 7.5 | ST | OG | 1 | 1949 | OP |
| NJ | Union | 50095 | Bayway Refinery | 32411 | FGX | 11.2 | ST | OTH | 12 | 1967 | OP |
| NJ | Hunterdon | 4664 | Milford Power LP | 322122 | GEN1 | 28 | CT | NG | 7 | 1989 | SB |
| NJ | Hunterdon | 4664 | Milford Power LP | 322122 | GEN2 | 5 | CA | NG | 7 | 1989 | SB |
| NJ | Hunterdon | 4664 | Milford Power LP | 322122 | GEN3 | 3.5 | CA | NG | 7 | 1989 | OS |
| NJ | Hunterdon | 6309 | FiberMark Technical Specialty | 322122 | GEN1 | 2 | ST | NG | 6 | 1936 | OP |
| NJ | Hunterdon | 6309 | FiberMark Technical Specialty | 322122 | GEN2 | 0.3 | HY | WAT | 6 | 1936 | OP |

Notes: Data are final.

## Existing Generating Units in the United States by State, Company and Plant, 2004

(Existing generating units as of January 1, 2005)

| State | County | Utility ID | Plant Name | Primary Purpose Code | Generator ID | Nameplate Capacity (Megawatts) | Prime Mover | Energy Source 1 | Initial Month of Operation | Initial Year of Operation | Unit Status |
|---|---|---|---|---|---|---|---|---|---|---|---|

For definitions of codes for energy sources and prime movers, see description worksheet or view EIA-860 at http://www.eia.doe.gov/cneaf/electricity/page/forms.html.
Initial Month of Operation = 0, 88 or 99 means month is unknown.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

# Energy Information Administration

*Official Energy Statistics from the U.S. Government*



## Existing Capacity by Energy Source

*Electric Power Annual with data for 2004*
*Report Released: November 2005*
*Next Release Date: November 2006*

Table 2.2. xls pdf format

**Table 2.2. Existing Capacity by Energy Source, 2004 (Megawatts)**

| Energy Source | Number of Generators | Generator Nameplate Capacity | Net Summer Capacity | Net Winter Capacity |
|---|---|---|---|---|
| Coal[1] | 1,526 | 335,243 | 313,020 | 315,364 |
| Petroleum[2] | 3,175 | 37,970 | 33,702 | 37,339 |
| Natural Gas | 3,048 | 256,627 | 224,257 | 241,391 |
| Dual Fired | 3,003 | 193,115 | 172,170 | 184,399 |
| Other Gases[3] | 119 | 2,535 | 2,296 | 2,259 |
| Nuclear | 104 | 105,560 | 99,628 | 101,377 |
| Hydroelectric Conventional[4] | 3,995 | 77,130 | 77,641 | 77,227 |
| Other Renewables[5] | 1,608 | 21,113 | 18,763 | 19,000 |
| Pumped Storage | 150 | 19,569 | 20,764 | 20,676 |
| Other[6] | 42 | 754 | 700 | 716 |
| **Total** | **16,770** | **1,049,615** | **962,942** | **999,749** |

[1] Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.
[2] Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, petroleum coke (converted to liquid petroleum, see Technical Notes for conversion methodology), and waste oil.
[3] Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[4] The net summer capacity and/or the net winter capacity may exceed nameplate capacity due to upgrades and overload capability of hydroelectric generators.
[5] Wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, tires, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
[6] Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.
**Notes:** Where there is more than one energy source associated with a generator, the predominant energy source is reported here. Totals may not equal sum of components because of independent rounding.
**Source:** Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

| More Tables on U.S. Electric Power Capacity: | Formats | | |
|---|---|---|---|
| **Existing** Table 2.1 Net Summer Capacity by Energy Source and Producer Type | html | pdf | xls |
| Table 2.3 Existing Capacity by Producer Type | html | pdf | xls |
| Existing Nameplate and Net Summer Capacity by Energy Source and Producer Type (EIA-860) | | | xls |
| Table ES3 New and Planned U.S. Electric Generating Units by Operating Company, Plant and Month | html | | xls |
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| Annual Electric Power Industry Database (Form EIA-860) | | | DBF |
| Number of Plant-Generators (Existing Capacity), by Energy Source | | | xls |
| Existing Electric Generating Units in the United States, 2004 | | | xls |
| Existing Electric Generating Units in the United States, 2003 | | | xls |
| **Planned** Table 2.4 Planned Nameplate Capacity Additions by Energy Source | html | pdf | xls |
| Table 2.5 Capacity Additions from New Generators, by Energy Source | html | pdf | xls |
| Table 2.6 Capacity Additions and Retirements by Energy Source | html | pdf | xls |
| Proposed Nameplate Capacity by Year, Energy Source, and State | | | xls |

| | |
|---|---|
| Proposed U. S. Electric Generating Units by Year, Month, Company and Plant | xls |
| Annual Electric Power Industry Database (Form EIA-860) | DBF |

see also:
Electric Power Monthly
Electric Power Annual
annual electricity statistics back to 1949
projected electricity capacity to 2030
international electricity statistics

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