

米国の原子力発電所

Operational	稼働中
Planned	企画中
Cancelled	中止
Shut down	閉鎖
Decommissioned	廃炉
Dismantled	解体

名称 番号 炉型 メーカー 稼働状況 出力 建設開始 運転開始 閉鎖

Plant name	Unit No.	Type	Model	Status	Capacity (MW)	Begin building	Commercial operation	Closed
Arkansas Nuclear One	1	PWR	B & W (DRY-Cont)	Operational	836	1 Oct 1968	21 May 1974	
	2	PWR	CE (DRY)	Operational	988	6 Dec 1968	1 Sep 1978	
Beaver Valley	1	PWR	WH 3-loop (DRY)	Operational	908	26 Jun 1970	2 Jul 1976	
	2	PWR	WH 3-loop (DRY)	Operational	905	3 May 1974	14 Aug 1987	
Big Rock Point ^[145]	1	BWR	BWR-1	Dismantled	67	1 May 1960	29 Mar 1963	29 Aug 1997
Braidwood	1 ^[146]	PWR	WH 4-loop (DRY)	Operational	1194	1 Aug 1975	29 Jul 1988	
	2 ^[147]	PWR	WH 4-loop (DRY)	Operational	1160	1 Aug 1975	17 Oct 1988	
Browns Ferry	1	BWR	BWR-4 (WET)	Operational	1200	1 May 1967	1 Aug 1974	
	2	BWR	BWR-4 (WET)	Operational	1200	1 May 1967	1 Mar 1975	
	3	BWR	BWR-4 (WET)	Operational	1210	1 Jul 1968	1 Mar 1977	
Brunswick	1	BWR	BWR-4 (WET)	Operational	938	7 Feb 1970	18 Mar 1977 ^[148]	
	2	BWR	BWR-4 (WET)	Operational	932	7 Feb 1970	3 Nov 1975 ^[149]	
Byron	1	PWR	WH 4-loop (DRY)	Operational	1164	1 Apr 1975	16 Sep 1985	
	2	PWR	WH 4-loop (DRY)	Operational	1136	1 Apr 1975	2 Aug 1987	
Callaway	1	PWR	WH 4-loop (DRY)	Operational	1215	1 Sep 1975	19 Dec 1984	
Calvert Cliffs	1	PWR	CE 2-loop (DRY)	Operational	877	1 Jun 1968	8 May 1977	
	2	PWR	CE 2-loop (DRY)	Operational	855	1 Jun 1968	1 Apr 1977	

Plant name	Unit No.	Type	Model	Status	Capacity (MW)	Begin building	Commercial operation	Closed
Carbon Free Power Project ^{[150][151]}	1	PWR	VOYGR	Cancelled	77			
	2	PWR	VOYGR	Cancelled	77			
	3	PWR	VOYGR	Cancelled	77			
	4	PWR	VOYGR	Cancelled	77			
	5	PWR	VOYGR	Cancelled	77			
	6	PWR	VOYGR	Cancelled	77			
Catawba	1	PWR	WH 4-loop (ICECOND)	Operational	1160	1 May 1974	29 Jun 1985	
	2	PWR	WH 4-loop (ICECOND)	Operational	1150	1 May 1974	19 Aug 1986	
Clinch River	1	BWR	BWRX-300	Planned	300			
Clinton	1	BWR	BWR-6 (WET)	Operational	1062	1 Oct 1975	24 Nov 1987	
Columbia	1	BWR	BWR-5 (WET)	Operational	1131	1 Aug 1972	13 Dec 1984	
Comanche Peak	1	PWR	WH 4-loop (DRY)	Operational	1205	19 Dec 1974	13 Aug 1990	
	2	PWR	WH 4-loop (DRY)	Operational	1195	19 Dec 1974	3 Aug 1993	
Connecticut Yankee	1	PWR	WH (DRY)	Dismantled	582	1 May 1964	1 Jan 1968	5 Dec 1996
Cooper	1	BWR	BWR-4 (WET)	Operational	769	1 Jun 1968	1 Jul 1974	
Crystal River 3	1	PWR	B & W (DRY)	Shut down/in decommissioning	860	25 Sep 1968	13 Mar 1977	5 Feb 2013
Davis-Besse	1	PWR	B & W (DRY)	Operational	894	1 Sep 1970	31 Jul 1978	
Diablo Canyon	1	PWR	WH 4-Loop (DRY)	Operational	1138	23 Apr 1968	7 May 1985	
	2	PWR	WH 4-Loop (DRY)	Operational	1118	9 Dec 1970	13 Mar 1986	
Donald C. Cook	1	PWR	WH 4-Loop (ICECOND)	Operational	1020	25 Mar 1969	27 Aug 1975	
	2	PWR	WH 4-Loop (ICECOND)	Operational	1090	25 Mar 1969	1 Jul 1978	
Dresden	1	BWR	BWR-1	Shut down	197	1 May 1956	4 Jul 1960	31 Oct 1978
	2	BWR	BWR-3 (WET)	Operational	894	10 Jan 1966	9 Jun 1970	
	3	BWR	BWR-3 (WET)	Operational	879	14 Oct 1966	16 Nov 1971	
Duane Arnold	1	BWR	BWR-4 (WET)	Shut down	601	22 May 1970	1 Feb 1975	10 Aug 2020
Edwin I. Hatch	1	BWR	BWR-4 (WET)	Operational	924	30 Sep 1968	31 Dec 1975	
	2	BWR	BWR-4 (WET)	Operational	924	1 Feb 1972	5 Sep 1979	
Elk River	1	BWR		Dismantled	22	1 Jan 1959	1 Jul 1964	1 Feb 1968

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Fermi	1	FBR	Prototype	Shut down	61	8 Aug 1956	7 Aug 1966	29 Nov 1972
	2	BWR	BWR-4 (WET)	Operational	1115	26 Sep 1972	23 Jan 1988	
Fort Calhoun	1	PWR	CE 2-loop (WET)	Shut down	482	7 Jun 1968	9 Aug 1973	24 Oct 2016
Fort St. Vrain	1	HTGR	General Atomics	Shut down	330	1 Sep 1968	1 Jul 1979	29 Aug 1989
Ginna	1	PWR	WH 2-loop (DRY)	Operational	560	25 Apr 1966	1 Jun 1970	
Grand Gulf	1	BWR	BWR-6 (WET)	Operational	1401	4 May 1974	1 Jul 1985	
H. B. Robinson	1	PWR	WH 3-loop (DRY)	Operational	735	13 Apr 1967	7 Mar 1971	
Hallam	1	SGR	Atomics International	Dismantled	75	1 Jan 1959	1 Nov 1963	1 Sep 1969
Hartsville	A1 ^[152]	BWR	BWR-6	Unfinished	1285	23 May 1975 ^[153]		29 Aug 1984 ^[153]
	A2 ^[152]	BWR	BWR-6	Unfinished	1285	23 May 1975 ^[153]		29 Aug 1984 ^[153]
	B1 ^[152]	BWR	BWR-6	Unfinished	1285	23 May 1975 ^[153]		22 Mar 1983 ^[153]
	B2 ^[152]	BWR	BWR-6	Unfinished	1285	23 May 1975 ^[153]		22 Mar 1983 ^[153]
Hope Creek	1	BWR	BWR-4 (WET)	Operational	1172	1 Mar 1976	20 Dec 1986	
Humboldt Bay	1	BWR	BWR-1	Dismantled	63	1 Nov 1960	1 Aug 1963	2 Jul 1976
Indian Point	1	PWR		Shut down	257	1 May 1956	1 Oct 1962	31 Oct 1974
	2	PWR	WH 4-loop (DRY)	Shut down	998	14 Oct 1966	1 Aug 1974	30 Apr 2020 ^[154]
	3	PWR	WH 4-loop (DRY)	Shut down	1030	1 Nov 1968	30 Aug 1976	30 Apr 2021 ^[154]
James A. FitzPatrick	1	BWR	BWR-4 (WET)	Operational	813	1 Sep 1968	28 Jul 1975	
Joseph M. Farley	1	PWR	WH 3-Loop (DRY)	Operational	874	1 Oct 1970	1 Dec 1977	
	2	PWR	WH 3-Loop (DRY)	Operational	883	1 Oct 1970	30 Jul 1981	
Kemmerer	1	SFR	Sodium	Planned	345			
Kewaunee	1	PWR	WH 2-loop (DRY)	Shut down	566	6 Aug 1968	16 Jun 1974	7 May 2013
La Crosse	1	BWR	BWR-1	Dismantled	48	1 Mar 1963	7 Nov 1969	30 Apr 1987
LaSalle County	1	BWR	BWR-5 (WET)	Operational	1137	10 Sep 1973	1 Jan 1984	
	2	BWR	BWR-5 (WET)	Operational	1140	10 Sep 1973	19 Oct 1984	
Limerick	1	BWR	BWR-5 (WET)	Operational	1134	19 Jun 1974	1 Feb 1986	
	2	BWR	BWR-5 (WET)	Operational	1134	19 Jun 1974	8 Jan 1990	
Maine Yankee	1	PWR	WH (DRY)	Dismantled	860	1 Oct 1968	28 Dec 1972	1 Aug 1997
Marble Hill	1	PWR	WH (DRY)	Unfinished	1130	1 Aug 1977		10 Jan 1984

Plant name	Unit No.	Type	Model	Status	Capacity (MW)	Begin building	Commercial operation	Closed
McGuire	1	PWR	WH 4-Loop (ICECOND)	Operational	1158	1 Apr 1971	1 Dec 1981	
	2	PWR	WH 4-Loop (ICECOND)	Operational	1158	1 Apr 1971	1 Mar 1984	
Millstone	1	BWR	BWR-3 (WET)	Shut down	641	1 May 1966	28 Dec 1970	21 Jul 1998
	2	PWR	CE 2-loop (DRY)	Operational	869	1 Nov 1969	26 Dec 1975	
Monticello	3	PWR	WH 4-Loop (DRY)	Operational	1210	9 Aug 1974	23 Apr 1986	
	1	BWR	BWR-3 (WET)	Operational	628	19 Jun 1967	30 Jun 1971	
Nine Mile Point	1	BWR	BWR-2 (WET)	Operational	613	12 Apr 1965	1 Dec 1969	
	2	BWR	BWR-5 (WET)	Operational	1277	1 Aug 1975	11 Mar 1988	
North Anna	1	PWR	WH 3-Loop (DRY)	Operational	948	19 Feb 1971	6 Jun 1978	
	2	PWR	WH 3-Loop (DRY)	Operational	944	19 Feb 1971	14 Dec 1980	
Oconee	1	PWR	B & W (DRY)	Operational	847	6 Nov 1967	15 Jul 1973	
	2	PWR	B & W (DRY)	Operational	848	6 Nov 1967	9 Sep 1974	
	3	PWR	B & W (DRY)	Operational	859	6 Nov 1967	16 Dec 1974	
Oyster Creek	1	BWR	BWR-2 (WET)	Shut down	619	15 Dec 1964	23 Dec 1969	17 Sep 2018
Palisades	1	PWR	CE 2-loop (DRY)	Shut down	805	14 Mar 1967	31 Dec 1971	20 May 2022
Palo Verde	1	PWR	CE80 2-loop (DRY)	Operational	1311	25 May 1976	28 Jan 1986	
	2	PWR	CE80 2-loop (DRY)	Operational	1314	1 Jun 1976	19 Sep 1986	
	3	PWR	CE80 2-loop (DRY)	Operational	1312	1 Jun 1976	8 Jan 1988	
Parr	1	PHWR	CVTR	Dismantled	17	1 Jan 1960	18 Dec 1963	10 Jan 1967
Pathfinder	1	BWR	BWR-1	Dismantled	59	1 Jan 1959	1 Aug 1966	1 Oct 1967
Peach Bottom	1	GCR	Prototype	Shut down	40	1 Feb 1962	1 Jun 1966	1 Nov 1974
	2	BWR	BWR-4 (WET)	Operational	1300	31 Jan 1968	5 Jul 1974	
	3	BWR	BWR-4 (WET)	Operational	1331	31 Jan 1968	23 Dec 1974	
Perry	1	BWR	BWR-6 (WET)	Operational	1240	1 Oct 1974	18 Nov 1987	
Pilgrim	1	BWR	BWR-3 (WET)	Shut down	677	26 Aug 1968	9 Dec 1972	31 May 2019

Plant name	Unit No.	Type	Model	Status	Capacity (MW)	Begin building	Commercial operation	Closed
Palo Verde	1	PWR	CE80 2-loop (DRY)	Operational	1311	25 May 1976	28 Jan 1986	
	2	PWR	CE80 2-loop (DRY)	Operational	1314	1 Jun 1976	19 Sep 1986	
	3	PWR	CE80 2-loop (DRY)	Operational	1312	1 Jun 1976	8 Jan 1988	
Parr	1	PHWR	CVTR	Dismantled	17	1 Jan 1960	18 Dec 1963	10 Jan 1967
Pathfinder	1	BWR	BWR-1	Dismantled	59	1 Jan 1959	1 Aug 1966	1 Oct 1967
Peach Bottom	1	GCR	Prototype	Shut down	40	1 Feb 1962	1 Jun 1966	1 Nov 1974
	2	BWR	BWR-4 (WET)	Operational	1300	31 Jan 1968	5 Jul 1974	
	3	BWR	BWR-4 (WET)	Operational	1331	31 Jan 1968	23 Dec 1974	
Perry	1	BWR	BWR-6 (WET)	Operational	1240	1 Oct 1974	18 Nov 1987	
Pilgrim	1	BWR	BWR-3 (WET)	Shut down	677	26 Aug 1968	9 Dec 1972	31 May 2019
Piqua	1	OCR	Atomics International	Decommissioned	12	1 Jan 1960	1 Nov 1963	1 Jan 1966
Point Beach	1	PWR	WH 2-loop (DRY)	Operational	591	19 Jul 1967	21 Dec 1970	
	2	PWR	WH 2-loop (DRY)	Operational	591	25 Jul 1968	1 Oct 1972	
Prairie Island	1	PWR	WH 2-loop (DRY)	Operational	522	25 Jun 1968	16 Dec 1973	
	2	PWR	WH 2-loop (DRY)	Operational	519	25 Jun 1969	21 Dec 1974	
Quad Cities	1	BWR	BWR-4 (WET)	Operational	908	15 Feb 1967	18 Feb 1973	
	2	BWR	BWR-4 (WET)	Operational	911	15 Feb 1967	10 Mar 1973	
Rancho Seco	1	PWR	WH (DRY)	Decommissioned	873	1 Apr 1969	17 Apr 1975	23 Jun 1989
River Bend	1	BWR	BWR-6 (WET)	Operational	967	25 Mar 1977	16 Jun 1986	
Salem	1	PWR	WH 4-loop (DRY)	Operational	1169	25 Sep 1968	30 Jun 1977	
	2	PWR	WH 4-loop (DRY)	Operational	1158	25 Sep 1968	31 Oct 1981	
San Onofre	1	PWR	WH (DRY)	Dismantled	436	16 Jul 1964	1 Jan 1968	30 Nov 1992
	2	PWR	CE (DRY)	Shut down/in decommissioning	1070	1 Mar 1974	8 Aug 1983	7 Jun 2013
	3	PWR	CE (DRY)	Shut down/in decommissioning	1180	1 Mar 1974	1 Apr 1984	7 Jun 2013
Saxton	1	PWR		Decommissioned	3	1 Jan 1960	Nov 1961	May 1972
Seabrook	1	PWR	WH 4-Loop (DRY)	Operational	1246	7 Jul 1976	15 Mar 1990	

Plant name	Unit No.	Type	Model	Status	Capacity (MW)	Begin building	Commercial operation	Closed
Seadrift	1	HTGR	Xe-100	Planned	80			
	2	HTGR	Xe-100	Planned	80			
	3	HTGR	Xe-100	Planned	80			
	4	HTGR	Xe-100	Planned	80			
Sequoyah	1	PWR	WH 4-Loop (ICECOND)	Operational	1152	27 May 1970	1 Jul 1981	
	2	PWR	WH 4-Loop (ICECOND)	Operational	1139	27 May 1970	1 Jun 1982	
Shearon Harris	1	PWR	WH 3-Loop (DRY)	Operational	964	28 Jan 1978	2 May 1987	
Shippingport	1	PWR	WH	Dismantled	60	6 Sep 1954	26 May 1958	Dec 1989
Shoreham	1	BWR	GE	Shut down	820	1 Nov 1972	1 Aug 1986	1 May 1989
SRE	1	FBR		Decommissioned	6.5	1954	12 Jul 1957	15 Feb 1964
South Texas	1	PWR	WH 4-loop (DRY)	Operational	1280	22 Dec 1975	25 Aug 1988	
	2	PWR	WH 4-loop (DRY)	Operational	1280	22 Dec 1975	19 Jun 1989	
St. Lucie	1	PWR	CE (DRY)	Operational	981	1 Jul 1970	1 Mar 1976	
	2	PWR	CE (DRY)	Operational	987	2 Jun 1977	10 Jun 1983	
Surry	1	PWR	WH 3-loop (DRY)	Operational	838	25 Jun 1968	22 Dec 1972	
	2	PWR	WH 3-loop (DRY)	Operational	838	25 Jun 1968	1 May 1973	
Susquehanna	1	BWR	BWR-5 (WET)	Operational	1257	2 Nov 1973	12 Nov 1982	
	2	BWR	BWR-5 (WET)	Operational	1257	2 Nov 1973	27 Jun 1984	
Three Mile Island	1	PWR	B & W (DRY)	Shut down	819	18 May 1968	2 Sep 1974	20 Sep 2019
	2	PWR	B & W (DRY)	Core melt	880	1 Nov 1969	30 Dec 1978	28 Mar 1979
Trojan	1	PWR	WH (DRY)	Dismantled	1095	1 Feb 1970	20 May 1976	9 Nov 1992
Turkey Point	3	PWR	WH 3-Loop (DRY)	Operational	829	27 Apr 1967	14 Dec 1972	
	4	PWR	WH 3-Loop (DRY)	Operational	821	27 Apr 1967	7 Sep 1973	
	6	PWR	AP1000	Planned	1117			
	7	PWR	AP1000	Planned	1117			
Vallecitos	1	BWR	BWR-1	Shut down	25	1 Jan 1956	19 Oct 1957	9 Dec 1963
Vermont Yankee	1	BWR	BWR-4 (WET)	Shut down	605 ^[155]	11 Dec 1967	30 Nov 1972	29 Dec 2014 ^[156]
Virgil C. Summer	1	PWR	WH 3-Loop (DRY)	Operational	973	21 Mar 1973	1 Jan 1984	
	2	PWR	AP1000	Unfinished	1117	9 Mar 2013		
	3	PWR	AP1000	Unfinished	1117	2 Nov 2013		

PWR 加圧水型軽水炉

Plant name	Unit No.	Type	Model	Status	Capacity (MW)	Begin building	Commercial operation	Closed
Vogtle	1	PWR	WH 4-Loop (DRY)	Operational	1150	1 Aug 1976	1 Jun 1987	
	2	PWR	WH 4-Loop (DRY)	Operational	1152	1 Aug 1976	20 May 1989	
	3	PWR	AP1000	Operational	1117	12 Mar 2013	31 Jul 2023 ^[157]	
Vogtle	2	PWR	WH 4-Loop (DRY)	Operational	1152	1 Aug 1976	20 May 1989	
	3	PWR	AP1000	Operational	1117	12 Mar 2013	31 Jul 2023 ^[157]	
	4	PWR	AP1000	Operational	1117	19 Nov 2013	29 April 2024 ^[158]	
Waterford	1	PWR	CE 2-loop (DRY)	Operational	1168	14 Nov 1974	24 Sep 1985	
Watts Bar	1	PWR	WH 4-Loop (ICECOND)	Operational	1157	20 Jul 1973	27 May 1996	
	2	PWR	WH 4-Loop (ICECOND)	Operational	1164	1 Sep 1973	4 Jun 2016	
Wolf Creek	1	PWR	WH 4-Loop (DRY)	Operational	1200	31 May 1977	3 Sep 1985	
Yankee Rowe	1	PWR	WH (DRY)	Dismantled	167	1 Nov 1957	1 Jul 1961	1 Oct 1991
Zion	1	PWR	WH (DRY)	Dismantled	1040	1 Dec 1968	31 Dec 1973	13 Feb 1998
	2	PWR	WH (DRY)	Dismantled	1040	1 Dec 1968	17 Sep 1974	13 Feb 1998

BWR 沸騰水型軽水炉
 HTGR 高温ガス冷却型
 SGR 黒煙減速ガス冷却型
 SFR 塩素冷却型
 PHWR 加圧水型重水炉
 GCR ガス冷却型
 OCR 有機化学物質冷却
 FBR 高速増殖炉

メーカー

B&W Babcock + Wilcox Enterprise 蒸気発電機の製造が主

CE Combustion Engineering 原子力発電機製造者、2000年にウェスティングハウスに廃客される

WH Westinghouse ウェスティングハウスは原子炉メーカー大手の1社

BWR General Electric ジェネラルエレクトリック (GE)も大手、沸騰水型炉の多くを製造

AP1000 Westinghouse ウェスティングハウスの新型加圧水型炉

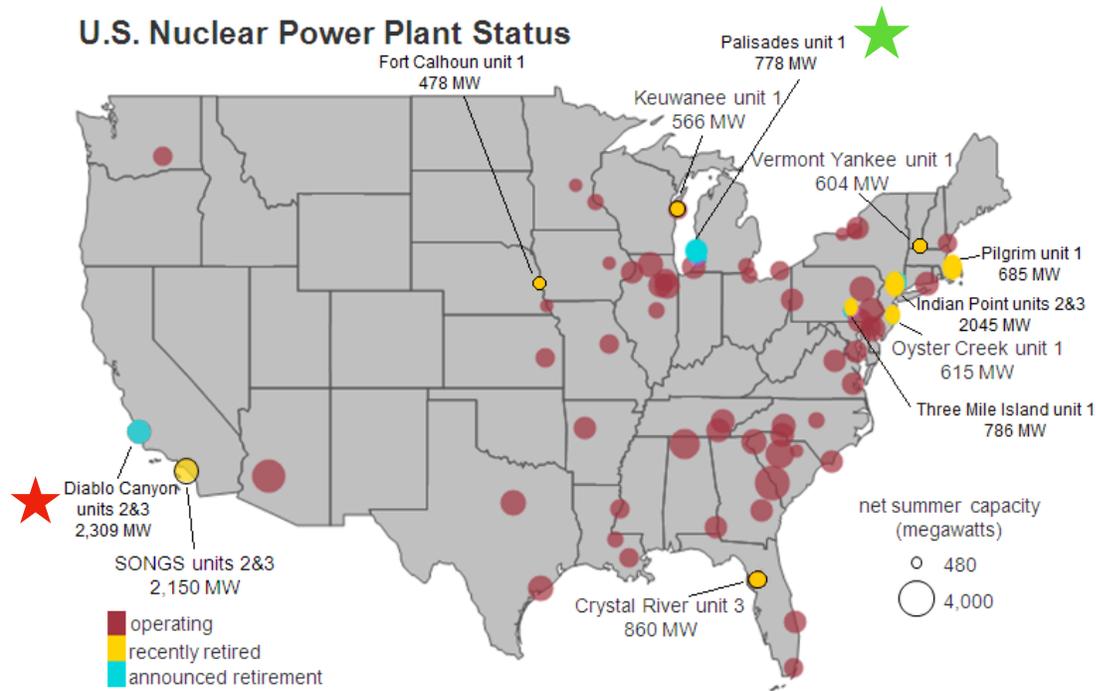
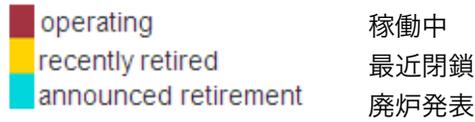
VOYGR NuScale 小型モジュール路の企画販売

BWRX GE/Hitachi 小型モジュール路開発中

Atomics International (軍事と民間事業)

Natrium TerraPower 新しい形の高速増殖炉を開発中

現在の稼働状況



- ★ ミシガン州、パリセーズは2022年に廃炉が決まり、2022年に閉鎖。その後、核廃棄物保管業社ホルテック社（廃炉業務にも事業を拡大中）がエンタジーから買取り、蘇らせようとしている。原子力発電運営の経験なし。
- ★ カリフォルニア州、ディアブロキャニオンは2024年と2025年に廃炉が決まっていたが、2023年に州議会で「5年延長」の法案、SB846が可決。まだ24年、25年以降の運転許可が出ていない。