

BRUCE-1**Historical Summary**

Date of Construction Start:	01 Jun 1971	Lifetime Generation:	91569.991 GW(e).h
Date of First Criticality:	17 Dec 1976	Cumulative Energy Avail. Factor:	65.48%
Date of Grid Connection:	14 Jan 1977	Cumulative Load Factor:	63.88%
Date of Commercial Operation:	01 Sep 1977	Cumulative Operating Factor:	73.58%
		Cumulative Energy Unavail. Factor:	34.52%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1977	1860.7	740	96.21		28.78		2698	30.88
1978	4152.6	740	75.38	75.38	64.24	64.24	6649	76.11
1979	5018.8	740	81.48	78.45	76.58	70.45	7334	82.81
1980	5597.5	740	86.18	81.03	86.11	75.67	7902	89.96
1981	6253.3	740	96.66	84.92	96.47	80.85	8486	96.87
1982	5914.9	740	88.8	85.7	91.25	82.93	7884	90
1983	5802.8	740	84.81	85.55	89.52	84.02	7590	86.64
1984	6457.62	740	94.76	86.87	99.35	86.21	8546	97.29
1985	6417.447	772	94.89	87.9	94.89	87.34	8349	95.31
1986	4398.024	770	65.33	85.32	65.2	84.81	5783	66.02
1987	4087.066	848	60.73	82.57	55.02	81.47	5462	62.35
1988	4642.663	848	65.95	80.89	62.33	79.54	6066	69.06
1989	5094.785	848	68.74	79.78	68.58	78.54	7543	86.11
1990	2451.13	848	32.98	75.86	33	74.73	4629	52.84
1991	2394.448	848	32.22	72.49	32.23	71.44	3467	39.58
1992	4546.544	848	61.04	71.67	61.04	70.7	7484	85.2
1993	3389.203	848	45.67	69.93	45.62	69.02	6869	78.41
1994	3849.032	848	51.81	68.79	51.81	67.94	7094	80.98
1995	3531.448	848	47.54	67.54	47.54	66.73	5827	66.52
1996	4326.405	848	58.09	67.01	58.08	66.25	7306	83.17
1997	1383.576	848	36.85	65.48	19.42	63.88	2254	26.83

Above data from PRIS database.[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-1

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics**Dates**

Type	PHWR	Construction Started	1971/06/01
Status	Long-term Shutdown	Connected to Electricity Grid	1977/01/14
Net Capacity	769 MWe	Commercial Operation	1977/09/01
Gross Capacity	825 MWe	Long Term Shutdown	1997/10/16
Shutdown	N/A		

Select the following for information on Operating Experience for **1997**:

- [Operating Experience History](#)

Above data from [PRIS database](#).

Return to [Nuclear Power Reactors - Alphabetic](#)

BRUCE-2**Historical Summary**

Date of Construction Start:	01 Dec 1970	Lifetime Generation:	75760.339 GW(e).h
Date of First Criticality:	27 Jul 1976	Cumulative Energy Avail. Factor:	60.44%
Date of Grid Connection:	04 Sep 1976	Cumulative Load Factor:	58.71%
Date of Commercial Operation:	01 Sep 1977	Cumulative Operating Factor:	66.11%
		Cumulative Energy Unavail. Factor:	39.56%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1977	1696.8	740	95.8		26.25		2481	28.4
1978	3603.8	740	67.17	67.17	55.75	55.75	5946	68.06
1979	4408.8	740	73.76	70.49	67.27	61.55	6534	73.78
1980	6074.9	740	93.52	78.16	93.46	72.18	8463	96.35
1981	5795.1	740	89.57	81	89.4	76.47	7904	90.23
1982	4432.4	740	68	78.41	68.38	74.85	6163	70.35
1983	6112.8	740	89.51	80.25	94.3	78.09	7941	90.65
1984	6223.896	740	91.03	81.79	95.75	80.61	8649	98.46
1985	4979.295	781	73.53	80.71	72.78	79.59	6525	74.49
1986	4257.627	848	56.97	77.76	57.31	76.82	5308	60.59
1987	3781.401	848	50.56	74.75	50.9	73.95	4636	52.92
1988	4971.246	848	71.7	74.45	66.74	73.23	7741	88.13
1989	1316.311	848	17.72	69.31	17.72	68.21	2149	24.53
1990	2578.319	848	35.22	66.48	34.71	65.43	3460	39.5
1991	4483.485	848	60.25	66	60.36	65.04	5915	67.52
1992	353.878	848	4.73	61.63	4.75	60.73	625	7.12
1993	3016.807	848	40.75	60.24	40.61	59.4	6041	68.96
1994	3882.473	848	52.26	59.74	52.26	58.95	7046	80.43
1995	3791.001	848	72.38	60.44	54.53	58.71	6225	75.92

Above data from PRIS database.[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-2

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics

Type PHWR

Status Long-term Shutdown

Net Capacity 769 MWe

Gross Capacity 825 MWe

Shutdown N/A

Dates

Construction Started 1970/12/01

Connected to Electricity Grid 1976/09/04

Commercial Operation 1977/09/01

Long Term Shutdown 1995/10/08

Select the following for information on Operating Experience for **1995**:

- [Operating Experience History](#)

Above data from [PRIS](#) database.

Return to [Nuclear Power Reactors - Alphabetic](#)

BRUCE-3**Historical Summary**

Date of Construction Start:	01 Jul 1972	Lifetime Generation:	105277 GW(e).h
Date of First Criticality:	28 Nov 1977	Cumulative Energy Avail. Factor:	72.8%
Date of Grid Connection:	12 Dec 1977	Cumulative Load Factor:	70.16%
Date of Commercial Operation:	01 Feb 1978	Cumulative Operating Factor:	78.8%
		Cumulative Energy Unavail. Factor:	27.2%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1978	4793	740	92.86		74.14		7361	84.26
1979	4797.9	740	77.78	77.78	73.21	73.21	6885	77.74
1980	5939.8	740	91.44	84.58	91.38	82.26	8276	94.22
1981	5795	740	89.48	86.21	89.4	84.63	7873	89.87
1982	6381.9	740	96.72	88.83	98.45	88.07	8497	97
1983	6091.1	740	89.23	88.91	93.96	89.25	7905	90.24
1984	6148.727	740	91.19	89.29	94.59	90.14	8077	91.95
1985	6015.134	775	88.59	89.18	88.6	89.91	8118	92.67
1986	5891.239	796	84.18	88.52	84.49	89.19	7600	86.76
1987	6073.268	848	81.91	87.71	81.76	88.28	7724	88.17
1988	3310.565	848	45.61	83.07	44.44	83.45	4044	46.04
1989	4031.743	848	54.79	80.27	54.27	80.56	5364	61.23
1990	5652.68	848	76.3	79.91	76.09	80.16	7472	85.3
1991	6126.295	848	82.38	80.12	82.47	80.35	7950	90.75
1992	5800.971	848	77.89	79.95	77.88	80.16	7438	84.68
1993	3158.232	848	42.99	77.33	42.52	77.49	6557	74.85
1994	2737.62	848	36.85	74.65	36.85	74.8	5006	57.15
1995	4225.817	848	56.89	73.55	56.89	73.69	7000	79.91
1996	3321.478	848	44.59	71.85	44.59	71.99	5684	64.71
1997	4214.818	848	56.76	71.02	56.74	71.14	6325	72.2
1998	1642.517	848	94.18	72.06	25.79	69.09	2328	30.99
2004	4971.582	750	76.04	72.24	75.46	69.38	7154	81.44
2005	4938.11	750	75.24	72.37	75.16	69.62	6782	77.42
2006	5440.248	750	82.86	72.8	82.8	70.16	7435	84.87

Above data from PRIS database.[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-3

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics

Type PHWR

Status Operational

Net Capacity 750 MWe

Gross Capacity 805 MWe

Shutdown N/A

Dates

Construction Started 1972/07/01

Connected to Electricity Grid 1977/12/12

Commercial Operation 1978/02/01

Long Term Shutdown N/A

Select the following for information on Operating Experience for **2006**:

- [Operating Experience History](#)

Above data from [PRIS](#) database.

Return to [Nuclear Power Reactors - Alphabetic](#)

BRUCE-4**Historical Summary**

Date of Construction Start:	01 Sep 1972	Lifetime Generation:	99169 GW(e).h
Date of First Criticality:	10 Dec 1978	Cumulative Energy Avail. Factor:	70.1%
Date of Grid Connection:	21 Dec 1978	Cumulative Load Factor:	69.51%
Date of Commercial Operation:	18 Jan 1979	Cumulative Operating Factor:	77.34%
		Cumulative Energy Unavail. Factor:	29.9%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1979	4966.4	740	84.81	84.81	80.36	80.36	7084	84.82
1980	4945.1	740	76.12	80.35	76.08	78.16	6962	79.26
1981	5753.5	740	89.1	83.31	88.76	81.75	7874	89.89
1982	6050.2	740	92.18	85.55	93.33	84.67	8150	93.04
1983	6407.4	740	94.25	87.31	98.84	87.53	8345	95.26
1984	6664.643	740	97.85	89.08	102.53	90.06	8625	98.19
1985	4995.164	788	73.21	86.68	72.36	87.37	6518	74.41
1986	6891.567	848	92.85	87.54	92.77	88.13	8644	98.68
1987	5044.988	848	67.9	85.13	67.91	85.64	6366	72.67
1988	4663.676	848	65.71	82.99	62.61	83.12	5997	68.27
1989	5584.209	848	75.29	82.23	75.17	82.33	7290	83.22
1990	3533.034	848	47.54	79.12	47.56	79.21	4611	52.64
1991	5940.696	848	79.91	79.18	79.97	79.27	7955	90.81
1992	5843.366	848	78.37	79.12	78.45	79.21	8070	91.87
1993	350.093	848	4.71	73.86	4.71	73.94	527	6.02
1994	3655.981	848	49.3	72.23	49.22	72.3	7206	82.26
1995	3034.92	848	40.87	70.29	40.86	70.35	5024	57.35
1996	5296.282	848	71.17	70.34	71.1	70.4	8686	98.88
1997	2923.045	848	39.36	68.63	39.35	68.69	4968	56.71
1998	12.338	848	0.81	67.87	0.81	67.93	45	2.5
2003	934.467	769	100	68.27	55.01	67.77	802	36.31
2004	5418.781	769	83.79	68.99	80.22	68.35	7469	85.03
2005	5499.121	750	83.67	69.63	83.7	69.02	7469	85.26
2006	5308.219	750	80.78	70.1	80.79	69.51	7261	82.89

Above data from PRIS database.

[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-4

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics

Type PHWR

Status Operational

Net Capacity 750 MWe

Gross Capacity 805 MWe

Shutdown N/A

Dates

Construction Started 1972/09/01

Connected to Electricity Grid 1978/12/21

Commercial Operation 1979/01/18

Long Term Shutdown N/A

Select the following for information on Operating Experience for **2006**:

- [Operating Experience History](#)

Above data from [PRIS](#) database.

Return to [Nuclear Power Reactors - Alphabetic](#)

BRUCE-5**Historical Summary**

Date of Construction Start:	01 Jun 1978	Lifetime Generation:	130870 GW(e).h
Date of First Criticality:	15 Nov 1984	Cumulative Energy Avail. Factor:	82.88%
Date of Grid Connection:	02 Dec 1984	Cumulative Load Factor:	82.79%
Date of Commercial Operation:	01 Mar 1985	Cumulative Operating Factor:	82.82%
		Cumulative Energy Unavail. Factor:	17.12%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1984	187.318	854	53.27		31.16		510	72.44
1985	5464.158	805	88.12		77.49		7163	81.77
1986	7078.03	835	96.67	96.67	96.77	96.77	8675	99.03
1987	5730.146	835	78.18	87.43	78.34	87.55	7197	82.16
1988	6673.555	860	88.49	87.79	88.34	87.82	7824	89.07
1989	7130.758	860	94.14	89.4	94.65	89.55	8589	98.05
1990	5534.662	860	73.53	86.19	73.47	86.3	6656	75.98
1991	6769.625	860	90.3	86.88	89.86	86.9	8130	92.81
1992	6452.052	860	85.79	86.72	85.41	86.68	7636	86.93
1993	5118.343	860	68.08	84.38	67.94	84.33	7457	85.13
1994	5629.336	860	75.02	83.33	74.72	83.25	7671	87.57
1995	6125.272	860	81.41	83.14	81.31	83.06	7859	89.71
1996	5767.615	860	76.4	82.52	76.35	82.44	7153	81.43
1997	6388.27	860	84.8	82.71	84.8	82.64	8148	93.01
1998	5623.106	785	81.68	82.64	81.77	82.58	7305	83.39
1999	5281.896	785	76.57	82.24	76.81	82.2	6719	76.7
2000	6908.741	785	99.08	83.29	100.19	83.32	8719	99.26
2001	4902.079	790	70.91	82.56	70.84	82.58	6220	71
2002	5993.141	790	86.28	82.76	86.6	82.81	7630	87.1
2003	5302.512	790	77.26	82.47	76.62	82.48	6783	77.43
2004	5889.113	790	85.13	82.61	84.87	82.6	7543	85.87
2005	5109.632	790	74.14	82.2	73.83	82.18	6678	76.23
2006	6723.49	806	96.82	82.88	95.23	82.79	8694	99.25

Above data from PRIS database.[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-5

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics

Type PHWR

Status Operational

Net Capacity 790 MWe

Gross Capacity 840 MWe

Shutdown N/A

Dates

Construction Started 1978/06/01

Connected to Electricity Grid 1984/12/02

Commercial Operation 1985/03/01

Long Term Shutdown N/A

Select the following for information on Operating Experience for **2006**:

- [Operating Experience History](#)

Above data from [PRIS](#) database.

Return to [Nuclear Power Reactors - Alphabetic](#)

BRUCE-6**Historical Summary**

Date of Construction Start:	01 Jan 1978	Lifetime Generation:	129070 GW(e).h
Date of First Criticality:	29 May 1984	Cumulative Energy Avail. Factor:	80.03%
Date of Grid Connection:	26 Jun 1984	Cumulative Load Factor:	79.81%
Date of Commercial Operation:	14 Sep 1984	Cumulative Operating Factor:	82.66%
		Cumulative Energy Unavail. Factor:	19.97%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1984	3068.316	822	85.92		82.31		4230	93.27
1985	5900.13	805	84.04	84.04	83.67	83.67	7369	84.12
1986	5716.029	835	77.77	80.85	78.15	80.86	7213	82.34
1987	7017.095	837	95.33	85.74	95.7	85.87	8610	98.29
1988	6139.489	837	89.1	86.59	83.51	85.27	7880	89.71
1989	5386.169	837	73.43	83.94	73.46	82.89	7069	80.7
1990	6213.644	852	82.3	83.66	83.25	82.95	7429	84.81
1991	7013.36	860	93.03	85.04	93.09	84.44	8194	93.54
1992	5328.197	860	70.51	83.17	70.53	82.66	6393	72.78
1993	4350.997	860	58.03	80.32	57.75	79.84	6950	79.34
1994	6451.708	860	85.75	80.88	85.64	80.43	8760	100
1995	4671.566	860	62.1	79.14	62.01	78.72	6049	69.05
1996	6822.753	860	90.38	80.09	90.32	79.71	8682	98.84
1997	4796.408	860	63.7	78.82	63.67	78.46	6201	70.79
1998	4678.62	785	68.04	78.1	68.04	77.76	6137	70.06
1999	6860.148	785	99.32	79.42	99.76	79.14	8760	100
2000	4668.208	785	66.81	78.68	67.7	78.46	5912	67.3
2001	6840.063	790	98.32	79.78	98.84	79.6	8624	98.45
2002	3522.454	790	50.64	78.24	50.9	78.08	4539	51.82
2003	6750.852	790	98.18	79.24	97.55	79.06	8559	97.71
2004	5379.086	790	76	79.08	77.52	78.99	6698	76.25
2005	5721.096	841	79.88	79.12	77.66	78.92	7151	81.63
2006	7104.447	822	99.32	80.03	98.66	79.81	8760	100

Above data from PRIS database.[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-6

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics

Type PHWR

Status Operational

Net Capacity 822 MWe

Gross Capacity 891 MWe

Shutdown N/A

Dates

Construction Started 1978/01/01

Connected to Electricity Grid 1984/06/26

Commercial Operation 1984/09/14

Long Term Shutdown N/A

Select the following for information on Operating Experience for **2006**:

- [Operating Experience History](#)

Above data from [PRIS](#) database.

Return to [Nuclear Power Reactors - Alphabetic](#)

BRUCE-7**Historical Summary**

Date of Construction Start:	01 May 1979	Lifetime Generation:	124226 GW(e).h
Date of First Criticality:	07 Jan 1986	Cumulative Energy Avail. Factor:	83.03%
Date of Grid Connection:	22 Feb 1986	Cumulative Load Factor:	82.6%
Date of Commercial Operation:	10 Apr 1986	Cumulative Operating Factor:	87.39%
		Cumulative Energy Unavail. Factor:	16.97%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1986	5256.624	838	84.09		83.5		6957	92.61
1987	6288.051	837	85.91	85.91	85.76	85.76	8489	96.91
1988	4866.191	846	74.74	80.29	65.48	75.55	6636	75.55
1989	7280.787	860	96.44	85.74	96.64	82.68	8632	98.54
1990	6659.4	860	88.53	86.45	88.4	84.12	8065	92.07
1991	5733.626	860	76.27	84.4	76.11	82.51	6835	78.03
1992	6413.41	860	85.11	84.52	84.9	82.91	7589	86.4
1993	5802.326	860	78.12	83.6	77.02	82.06	8760	100
1994	5496.709	860	73.2	82.29	72.96	80.92	7577	86.5
1995	6285.099	860	83.47	82.42	83.43	81.2	8092	92.37
1996	5475.683	860	72.55	81.43	72.48	80.32	7000	79.69
1997	6154.482	860	81.69	81.45	81.69	80.45	7874	89.89
1998	4990.756	785	72.42	80.76	72.58	79.84	6474	73.9
1999	6315.743	785	91.84	81.55	91.84	80.7	8208	93.7
2000	5322.677	785	76.91	81.24	77.19	80.47	6790	77.3
2001	7026.298	790	100	82.42	101.53	81.79	8760	100
2002	4819.355	790	69.49	81.65	69.64	81.07	6121	69.87
2003	6730.236	790	97.66	82.55	97.25	81.97	8592	98.08
2004	6428.767	790	92.77	83.09	92.64	82.54	8188	93.21
2005	4890.45	790	69.95	82.43	70.67	81.94	6310	72.03
2006	6740.468	806	94.73	83.03	95.47	82.6	8486	96.87

Above data from PRIS database.

[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-7

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics

Type PHWR

Status Operational

Net Capacity 806 MWe

Gross Capacity 872 MWe

Shutdown N/A

Dates

Construction Started 1979/05/01

Connected to Electricity Grid 1986/02/22

Commercial Operation 1986/04/10

Long Term Shutdown N/A

Select the following for information on Operating Experience for **2006**:

- [Operating Experience History](#)

Above data from [PRIS database](#).

Return to [Nuclear Power Reactors - Alphabetic](#)

BRUCE-8**Historical Summary**

Date of Construction Start:	01 Aug 1979	Lifetime Generation:	113999 GW(e).h
Date of First Criticality:	15 Feb 1987	Cumulative Energy Avail. Factor:	81.28%
Date of Grid Connection:	09 Mar 1987	Cumulative Load Factor:	80.91%
Date of Commercial Operation:	22 May 1987	Cumulative Operating Factor:	84.6%
		Cumulative Energy Unavail. Factor:	18.72%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1987	3673.231	844	79.95		59.27		5849	79.65
1988	5958.523	837	86.53	86.53	81.04	81.04	7659	87.19
1989	6523.47	837	89.21	87.87	88.97	85	8661	98.87
1990	5758.669	842	78.07	84.59	78.07	82.69	7186	82.03
1991	6932.701	860	92.47	86.6	92.02	85.06	8213	93.76
1992	5451.094	860	72.41	83.71	72.16	82.44	6587	74.99
1993	4675.897	860	62.27	80.1	62.07	79	7064	80.64
1994	6443.159	860	86	80.95	85.53	79.95	8760	100
1995	6113.352	860	81.34	81	81.15	80.1	7876	89.91
1996	6957.815	860	92.14	82.25	92.1	81.44	8783	99.99
1997	6346.535	860	84.24	82.45	84.24	81.73	8003	91.36
1998	4122.435	785	59.76	80.54	59.95	79.89	5368	61.28
1999	4114.429	785	59.77	78.93	59.83	78.34	5414	61.8
2000	6530.936	785	93.67	79.99	94.71	79.52	8293	94.41
2001	5424.774	790	78.03	79.86	78.39	79.44	6852	78.22
2002	6685.964	790	97.01	80.95	96.61	80.53	8543	97.52
2003	4959.992	790	71.89	80.41	71.67	80	6301	71.93
2004	5695.768	790	82.8	80.54	82.08	80.12	7374	83.95
2005	6889.221	790	99.44	81.55	99.55	81.15	8745	99.83
2006	5283.884	790	76.36	81.28	76.35	80.91	6791	77.52

Above data from *PRIS* database.

[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - BRUCE-8

StationName BRUCE

Owner, Operator

Owner BRUCE POWER

Operator BRUCE POWER

Reactor Characteristics**Dates**

Type	PHWR	Construction Started	1979/08/01
Status	Operational	Connected to Electricity Grid	1987/03/09
Net Capacity	795 MWe	Commercial Operation	1987/05/22
Gross Capacity	845 MWe	Long Term Shutdown	N/A
Shutdown	N/A		

Select the following for information on Operating Experience for **2006**:

- [Operating Experience History](#)

Above data from [PRIS database](#).

Return to [Nuclear Power Reactors - Alphabetic](#)

DOUGLAS POINT**Historical Summary**

Date of Construction Start:	01 Feb 1960	Lifetime Generation:	15629.669 GW(e).h
Date of First Criticality:	15 Nov 1966	Cumulative Energy Avail. Factor:	79.02%
Date of Grid Connection:	07 Jan 1967	Cumulative Load Factor:	49.86%
Date of Commercial Operation:	26 Sep 1968	Cumulative Operating Factor:	53.73%
		Cumulative Energy Unavail. Factor:	20.98%

Performance for Full Years of Commercial Operation

Year	Energy	Capacity	Energy Availability Factor (%)		Load Factor (%)		Annual Time On Line	Operational Factor
	(GWe.h)	(MWe)	Annual	Cumulative	Annual	Cumulative	(Hours)	(%)
1967	0	220	100					
1968	0	220	100					
1969	0	220	100	100				
1970	916	220	100	100	47.66	23.8	5155	59.01
1971	1044.5	220	100	100	54.35	33.97	5345	61.18
1972	356.5	220	100	100	18.55	30.12	1796	20.56
1973	1048.1	208	63.16	92.85	56.59	35.26	5672	63.7
1974	1129.6	207	68.98	89.05	62.47	39.59	6992	80.04
1975	1284.3	206	71.4	86.64	71.37	43.94	6702	76.72
1976	1089.5	206	60.58	83.5	60.54	45.94	5543	63.45
1977	772	206	45.93	79.46	42.9	45.61	5713	65.4
1978	855.2	206	49.24	76.53	47.52	45.79	6712	76.83
1979	1063.9	206	66.79	75.66	58.32	46.92	8161	92.15
1980	310.5	130	100	76.95	27.19	45.87	2436	27.73
1981	1109.4	206	94.07	78.28	61.48	47.08	7981	91.11
1982	1343	206	74.72	78.02	74.42	49.04	6703	76.52
1983	1401.2	206	77.74	78	77.65	50.96	6860	78.31
1984	538.969	206	87.48	79.02	87.33	49.86	2664	88.92

Above data from PRIS database.[Return to Power Reactor Details](#)

Nuclear Power Reactor Details - DOUGLAS POINT

StationName DOUGLAS POINT

Owner, Operator

Owner ATOMIC ENERGY OF CANADA LTD.

Operator ONTARIO POWER GENERATION

Reactor Characteristics**Dates**

Type	PHWR	Construction Started	1960/02/01
Status	Permanent Shutdown	Connected to Electricity Grid	1967/01/07
Net Capacity	206 MWe	Commercial Operation	1968/09/26
Gross Capacity	218 MWe	Long Term Shutdown	N/A
Shutdown	1984/05/04		

Select the following for information on Operating Experience for **1984**:

- [Operating Experience History](#)

Above data from [PRIS](#) database.

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