

EnErgo Reference List for Thrust Bearings with PTFE* Lined Pads in North America & Africa
 (*a.k.a. Teflon™ or Floplast-4)

Plant	Location	No. of Units	Unit Output	Unit Speed	Load		Pad Pressure		Surface Speed		Bearings Delivered	Year Delivered
					(tonne)	(ton)	(MPa)	(psi)	(m/s)	(ft/s)		
Manitou Falls OPG	ON, Canada	5	14.6	150	286	315	2.48	359.8	10.8	35.4	5	1999 - 2002
Kipling OPG	ON, Canada	3	77	94.7	1396	1539	4.11	596	7.5	24.6	2	2000 - 2001
					4.11	596	11.5	37.7				
Cameron Falls OPG	ON, Canada	7	13	120	203	224	2.24	325.7	5.4	17.7	4	2001 - 2003
Chenau OPG	ON, Canada	8	18	94.7	265	292	1.49	216.2	5.8	19.0	2	2001
Little Long OPG	ON, Canada	3	68	94.7	1396	1539	4.11	596	7.5	24.6	3	2003
					4.11	596	11.5	37.7				
Welland Canal VA Tech	ON, Canada	3	5	360	45	50	2.39	347	8.4	27.5	2	2004
Edward Hyatt GE Hydro/California DWR	CA, USA	3x Turbine 3x Pump-Turbine	3x 132 3x 141	200	591	650	3.93	570	13.4	44	1	2005 (Not Installed)
Caribou Falls OPG	ON, Canada	3	30.3	112.5	587	648	3.58	519.6	10.5	34.4	4	2005 - 2007
Abitibi Canyon OPG	ON, Canada	5	70	150	399	440	3.76	545.9	13.5	44.2	4	2005 - 2006
											1	2021
DeCew OPG	ON, Canada	2	72	171.4	502	554	3.89	564.7	10.3	33.8	3	2005 - 2008
Alexander OPG	ON, Canada	5	13.8	150	319	352	3.06	443.9	6.3	20.6	3	2006
Cataract (Saco River) FPLE Maine	ME, USA	1	6.6	163.6	204	250	3.07	445.2	7.5	24.6	1	2006
George W. Rayner Brookfield Power	ON, Canada	2	23	211.8	183	202	3.01	436.7	9.4	30.8	1	2006
Gulf Island FPLE Maine	ME, USA	3	9	112.5	118.26	130	2.80	406.8	3.9	12.8	3	2007 - 2010
Weston FPLE Maine	ME, USA	4	3	100	77	85	3.24	470.8	1.9	6.2	2	2008
Akosombo Volta River Authority	GHANA	6	173.1	115.4	938	1034	3.49	506.3	4.8	15.7	6	2009 - 2010
Sir Adam Beck #1 Andritz/OPG	ON, Canada	10	45	225	297.3 189.5	327.8 342.2	4.00 3.62	559.0 524.8	20.7 13.0	67.9 42.7	4	2010 2012
Wyman FPLE Maine	ME, USA	4	20.8	138.5	222.43	245	2.63	381.2	8.2	26.9	3	2010-2012
Andrews G1 Brookfield	ON, Canada	G1 G2	23.5	277	90.72	100	3.52	510.6	9.2	30.2	1	2010
Island Falls Abitibi Bowater	ON, Canada	4	10	128.5	113.4	125	2.15	312.9	3.9	12.8	1	2011
Riviere du Loup Algonquin Power	QC, Canada	1	2.6	400	16.3	18	2.16	314.3	4	13.1	2	2012
Skelton Hyundai-Ideal/Brookfield	ME, USA	G1 G2	1.5	257	200	221	3.19	462.3	11.8	38.7	2	2012
Gorge #18 Green Mtn Power	VT, USA	1	4	180	124.3	137	2.94	426.7	7.1	23.3	1	2012
Grahmsville NYPA	NY, USA	1	18	327.3	93.25	102.8	2.43	352.0	13.6	44.6	1	2013
Sir Adam Beck PGS OPG	ON, Canada	6	29	92.3	885.86	976.49	4.52	655.7	4.8	15.7	7	2014 - 2017
Cataract Kiser Hydro/Harris Energy	MI, USA	1	2	257	19.96	22	2.49	347	13.5	44.2	1	2015
Harmon OPG	ON, Canada	3	73	100	1424.4	1570	4.11	596	7.5	24.6	2	2015 - 2017
					4.11	596	11.5	37.7				
Whitedog Falls OPG	ON, Canada	3	22	105.9	551.1	607.5	4.10	590.3	12.4	40.8	3	2014 - 2017
Seli'š Kskana Qlispe' Energy Keepers	MT, USA	3	80	112.5	449.7	495.7	3.86	560.8	10.6	34.8	1	2016
Androscoggin #3 Brookfield	ME, USA	1	4.1	138.5	99.23	99.8	2.35	340.8	4.8	15.7	1	2017
Rogers Consumers Energy	MI, USA	4	1.5	150	20	22	1.14	166.4	5.0	16.4	2	2016
Rumford Brookfield	ME, USA	5	8.6	200	105	115	3.35	485.9	6.4	20.8	1	2018
Paton Ville De Sherbrooke	QC, Canada	1	1.7	180	34.0	37.5	2.34	339.4	3.9	12.8	1	2018
Ear Falls OPG	ON, Canada	4	4.2	180	98	108	2.68	388.7	6.8	22.3	1	2018
					99.8	110	TBD	TBD	TBD	TBD	1	pending 2021
Shawinigan Hydro Quebec	QC, Canada	3	29 estimate	138.5	296.6	327	3.91	567.1	9.3	30.6	1	2019
Tidewater Nova Scotia Power	NS, Canada	2	2.57	180	34	37.5	2.34	340	5.2	17.0	1	2019
Island Falls H2O Power	ON, Canada	4	9.6	128.5	153.6	169.3	2.93	424.3	6.7	22.1	3	2020
Silver Falls OPG	ON, Canada	1	48	240	452.3	498.6	5.11	741	19.0	62.3	1	2021
Dolby Brookfield	ME, USA	1	3.5	240	54.4	60	2.08	302	3.7	31.8	1	2020