

1**Projects reference****1.3 Wind Tower (Japan project)**

No.	Name of Project	P/O	Weight (ton)	Quantity (Q'ty)	Remarks
1	V-52 IOKA (5sets)	2001.09.14	1,181	14	
2	V-52 MINAMITOWADA (9sets)				
3	V-66 KUZUMAKI 60M (12sets)	2002.04.23	3,627	29	
4	V-66 YOKOHAMA 60M (6sets)				
5	V-66 SIKKARI 67M (11sets)				
6	V-47 55M KONAGAI	2002.06.27	52	1	
7	V-52 TOYKO BAY	2002.06.19	94	2	
8	V-80 67M SAKATA	2002.03.14	1,104	8	
9	V-47 36M NAKATNANE	2003.03.14	30	1	
10	V-47 40M SETANA	2003.03.14	68	2	
11	V-66 67M BOHNOTSU	2003.03.14	1,320	10	
12	V-52 40M HOKIGAMINE	2003.06.19	80	2	
13	V-80 67M OMAEZAKI	2003.06.19	167	1	
14	V-80 67M TAHARACHO I,II	2003.06.19	2,052	12	
15	V-80 78M NISHIME	2003.03.14	3,240	15	
16	V-66 NISHIHARA	2004.02.17	1,250	10	
17	E-66 KUNIGAMI	2004.01.12	275	2	
18	MHI 67M SOUYA Project	2004.04.13	2,820	30	
19	MHI 67M AICHIKEN	2004.03.31	105	1	
20	V-80 67M SETANAIL	2004.06.04	90	6	
21	V-52 NAGOYA	2004.06.4	156	2	
22	V-52 IKATA	2004.06.4	116	2	
23	V-47 OSHUKA	2004.06.14	39	1	
24	E-66 HASAKI	2004.06.30	138	1	
25	V80 78M KASHIMA OIL	2004.10.08	212	1	
26	MHI 78M YOKOHAMA 2.4MW	2004.7.17	175	1	
27	NM82 1.5MW ISHIKARI	2004.09.20	268	2	
28	HOJYOO-CHO (REPOWER MD 77(1))	2004.12.14	1,020	9	
29	MHI 66M NEW AICHIKEN	2005.01.19	113	1	
30	G80 78M NOHEJI	2005.02.24	5,210	25	
31	G80 78M SHITSUKARI	2005.02.24	1,250	6	
32	NWT3-1 (FUJI)	2005.03.25	137	1	

33	HACHIRYU REPOWER MD 77(2)	2005.04.01	1,695	17	
34	CHOSHI SHIN-CHO (REPOWER MD 77(1))	2005.04.05	113	1	
35	E-70 63M NUNOBIKI	2005.04.22	4,386	33	
36	E-70 63M CHOSHI-CITY	2005.04.22	133	1	

No.	Name of Project	P/O	Weight (ton)	Quantity (Q'ty)	Remarks
37	AKITA CLASSII (REPOWER MD 77(2))	2005.05.10	199	2	
38	MHI 66M OOMA	2005.05.16	105	1	
39	GE 1.5MW 85M HAMANAKA	2005.07.28	144	1	
40	GE 1.5MW & 2.5MW 85M HOHOKU	2005.07.28	2,240	12	
41	E40 IE-JIMA	2005.08.30	145	2	
42	E40 WADOMARI	2005.08.30		1	
43	V80 67M OSHIMA	2005.10.30	2,679	16	
44	G80 78M KASHIMA	2005.11.04	2,270	10	
45	MUSHIGAMINEII	2005.11.30	386	4	
46	MINAMI AWAJI	2005.11.30	3,254	15	
47	E70 SAKAMI	2005.11.11	797	1	
48	E48 KAMIYAHAGI-GIFU	2005.11.11	508	7	
49	E70 SAKAMI & TOYOURA	2005.11.11	762	6	
50	E70 NOTO & TOYOURA	2005.11.11	1,380	10	
51	E70 SUTTSU	2005.12.27	690	5	
52	MM82 76M(TAHARA P/J)	2006.01.23	143	1	
53	V80 78M ATSUMI	2006.01.30	848	4	
54	V80 67M HIBIKI	2006.01.30	173	1	
55	V66 67M OGUNI	2006.01.30	675	5	
56	V80 2000KW HAZAKI	2006.01.30	865	5	
57	GE 85M(2.5MW) MINAMI AWAJI	2006.02.15	3,180	15	
58	GE 65M(1.5MW) MUSHIGAMINE	2006.02.15	388	4	
59	G80 60M SETO	2006.02.20	552	4	
60	GE JIS TOWER(65M)	2006.04.06	160	2	
61	V80 78M YOKOHAMA CITY	2006.08.14	163	1	
62	V80 78M HIRADOII	2006.08.17	155	1	
63	GE 1.5MW 65M NYUZEN	2006.09.27	95	1	
64	GE 1.5MW 65M IZU-ATAGAWA	2006.10.10	1,030	10	
65	GE 1.5MW 65M SHIRAMA	2006.10.20	2,920	20	
66	GE 2.5MW 85M KONBUMORI	2006.10.20	214	1	
67	G-PROJECT 1.5MW 65M	2006.10.24	1,120	14	
68	SIEMENS 1.3MW 60M ARIDAGAWA P/J	2006.10.23	780	10	
69	E-44 MIYAKO	2006.11.03	180	4	
70	SIEMENS 1.3MW 60M OKAWARA P/J	2006.11.23	1,170	15	
71	E-82 CHOSHI II & SHIRAKAWA P/J	2006.12.04	2,040	10	
72	GE 2.5MW 85M SHIRATAKI	2007.02.20	4,280	20	

73	MHI HIROKAWA	2007.06.24	1,760	16	
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No.	Name of Project	P/O	Weight (ton)	Quantity (Q'ty)	Remarks
74	SHIN IZUMO 75M V90 3.0MW	2007.11.08	3,622	26	
75	E44 COSTARICA P/J	2007.11.08	1,260	28	
76	2008 E-82	2008.02.07	5,712	28	
77	2008 E70 DIC KASHIMA P/J	2008.04.02	266	2	
78	V90 3.0MW IWATA PJ (Foundation)	2008.06.16	70	5	
79	V80 2.0MW TAKINE PJ (Foundation)	2008.06.16	322	23	
80	V80 2.0MW Irouzaki PJ (Foundation)	2008.06.16	238	17	
81	KINDEN Shirataki P/J	2008.07.22	4,280	20	
82	E70 NAKIJIN P/J	2008.08.11	310	2	
83	E82 KAKEGAWA	2008.08.11	204	1	
84	DKK Hiyama P/j	2008.09.01	225	25	
85	DKK Monzen P/j	2008.09.01	2,825	25	
86	V90 80M Iwata	2008.09.17	760	5	
87	V80 78M Takine	2008.09.17	4,577	23	
88	Iwaya 2(Foundation)	2008.11.07	8	1	
89	Iwaya 2(Tower)	2008.11.07	81	1	
90	EURUS Aridagawa	2008.11.18	780	10	
91	MHI FUKUURA	2009.01.09	1,314	9	
92	MHI MURONAN	2009.02.02	104	1	
93	JSW Eicho Project	2009.10.13	910	7	
94	JSW Kunimiyama Project (Tower)	2009.10.13	1,950	15	
95	JSW Kunimiyama Project (Foundation)	2009.10.13	255	15	
96	ENERCON Yuza (Tower)	2009.12.08	1,323	7	
97	ENERCON Yuza (Foundation)	2009.12.08	105	7	
98	ENERCON Hinomisaki (Tower)	2010.02.18	189	1	
99	ENERCON Hinomisaki (Foundation)	2010.02.18	15	1	
100	JSW Tapi Project	2010.04.30	845	5	
101	JSW DATE Project	2010.05.21	338	2	
102	Enercon SAI & SAKATA P/J	2010.10.25	408	2	
103	Enercon SUTTUS4 P/J	2010.10.25	264	2	
104	MHI 2.4MW 70 Offshore NEDO P/J	2011.01.24	151	1	
	∑		104,877	824	

1.4 Wind Tower (U.S.A project)

No.	Name of Project	P/O	Weight (ton)	Quantity (Q'ty)	Remarks
1	V-47 KANSAS(3SECTION)-FPLE	2001.04.	3,310	50	
2	UNISON J48 TYPE(2SECTION)	2002.08.16	45	1	
3	V-80 EVANSTON(3 SECTION) 67M	2003.06.03	7,800	60	
4	V-80 SOLANO 60M	2003.07.02	10,287	81	
5	V-80 HIGHWINDS 60M	2003.07.02	1,143	9	
6	V-80 BOWLING GREEN	2003.07.02	313	2	
7	V-90 65M	2003.10.23	264	2	
8	GE 1.5MW 80M TOWER	2004.11.23	16,660	160	
9	V-80 BUFFALO M.T	2004.3.11	2,520	15	
10	V-80 MILLER M.T	2004.3.26	4,290	30	
11	HOPKINS RIDGE	2005.05.08	2,400	22	
12	BLUE CANYON	2005.06.15	2,182	20	
13	HAWAII	2005.08.29	1,692	20	
14	GE GENII (80M)	2005.09.23	25,156	240	
15	SIEMENS 2.3MW 80M Tower	2005.11.17	6,468	44	
16	SIEMENS 2.3MW 80M Tower (89SET)	2006.07.07	13,083	89	
17	SIEMENS 2.3MW 80M W/Tower (14set)	2006.12.12	2,058	14	
18	GE GENIV 1.5MW 80M 2007 PJ	2006.08.26	25,300	220	
19	SIEMENS 2.3MW 80M W/Tower (30set)	2007.02.19	4,410	30	
20	MPSA 80M 4section	2007.05.09	92,160	480	
21	MPSA Flagship	2007.06.13	192	1	
22	SIEMENS 2.3MW 80M W/Tower (20set)	2007.07.12	2,940	20	
23	SIEMENS 2.3MW 80M W/Tower (30set)	2007.07.12	4,410	30	
24	SIEMENS 2.3MW 80M W/Tower (1set)	2007.07.12	147	1	
25	GE GENIV 1.5MW 80M 2008 PJ	2007.09.05	13,800	120	
26	MPSA 80M Edison Project	2007.12.12	34,176	178	
27	SIMENS 2.3MW 68M West Wind I P/J	2008.04.11	5,671	53	
28	SIEMENS 2.3MW 68M West Wind I P/J	2008.04.11	963	9	
29	SIEMENS 2.3MW 80M West Wind II P/J	2008.04.11	5,880	40	
30	enXco MM92 80m Shioloh II P/J	2008.03.05	5,796	42	
31	enXco MM92 68.5M	2008.06.18	3,696	33	
32	GE Caithness P/J	2010.08.25	170	1	
33	Siemens 2.3MW 80M 3sec' TEXAS P/J	2010.09.20	5,202	34	
34	SHI 2.5MW 80M CIELO P/J	2010.10.22	296	2	

35	Siemens Altamont P/J	2010.12.08	4,680	30	
36	Siemens Windy Flat Ext P/J	2011.01.25	6,708	43	
37	GE Caithness P/J	2010.01.29	10,800	60	
38	Enercon E82 2012 Australia P/J	2011.02.11	804	6	
	□		324,562	2,292	

1.5 OTHER

No.	Name of Project	P/O	Weight (ton)	Quantity (Q'ty)	Remarks
1	V-80 KOEGY	-	676	4	
2	DK TOWER	-	64	1	
3	UNISON J48 TYPE	2002.08.16	45	1	
4	NM48 SEAMANGUM 5,6	2004.02.17	74	2	
5	HJ V-20	2004.08.03	11	1	
6	GAWIP(□□□) P/J	2005.04.11	5,537	49	
7	JEJU V52	2005.08.08	116	2	
8	JEONBUK 49M	2006.11.1	220	4	
9	STX	2006.9.19	127	1	
10	Han-Kyoung	2007.03.26	815	5	
11	Sung-San	2007.03.26	1,630	10	
12	HanJin Industry P/J	2007.03.13	11	1	
13	Heong-Seong PJ	2007.03.13	3,040	20	
14	Acciona Yeong-Yang 80M PJ	2007.05.28	5,617	41	
15	Sam-Dal	2008.05.16	1,793	11	
16	Hyundai Heavy Industry Ulsan Project	2009.03.17	117	1	
17	Samsung Heavy Industry Ulsan Project	2009.06.24	148	1	
18	HanJin Industry P/J (Jeju Island & Sihwa)	2009.08.31	1,150	10	
19	Doosan Heavy Industry YoungHeung Project	2009.12.11	606	3	
20	Hyundai Heavy Industry Gunsan Project	2010.01.04	153	1	
22	Hyundai Heavy Industry Taeback Project	2010.05.18	702	6	
23	Siemens 2.3MW 80M 3sec' New Zealand P/J	2010.02.24	4,368	28	
24	Jeju offshore wind Sungsan P/J	2010.04.01	160	1	
25	Hyundai Heavy Industry Taeback Project	2010.05.18	702	6	
26	ACCIONA GUNNING Project	2010.07.01	3,968	31	
27	SUZLON 1.5MW 80M INDIA P/J	2010.10.05	1,080	9	
28	SUZLON 2.1MW 80M INDIA P/J	2010.10.05	143	1	
29	RRB India P/J	2011.01.26	407	2	
30	KENERSYS K82 80M P/J	2011.01.28	1,310	10	
31	Doosan Heavy Industry On&Offshore Project	2011.02.11	5,210	30	
32	Doosan Heavy Industry Offshore Project	2011.03.08	3,300	22	
33	Hanjin 2MW 1set Prototype	2011.03.18	169	1	
	□		43,469	316	