

## F8S5 and F8S6 EI Capacity Builds

<u>EI Installed Capacity by Type in 2030</u>									
		Installed Capacity in 2030							
		F1S3	F8B	F8S1	F8S2	F8S3	F8S4	F8S5*	F8S6*
Total		BAU	CO2+	75%	25%	Low	Hi	75%w	75%w
2010		Base	RPS	Soft	Soft	Rnw\$	RPS	FtCO2	FtCO2
Coal	272	199	17	17	18	18	18	10	10
Nuclear	100	105	137	135	133	139	136	134	134
CC	133	202	210	199	186	181	190	215	213
CT	120	132	61	64	71	75	69	56	59
Steam Oil/Gas	75	36	9	4	4	4	4	5	5
Hydro	45	45	49	49	52	51	50	49	49
On-Shore Wind	19	68	245	263	287	294	303	259	259
Off-Shore Wind	0	2	2	2	2	3	2	2	2
Other Renewable	4	14	12	12	13	12	12	12	12
New HQ/Maritimes	0	0	0	0	3	5	5	0	0
Other	17	17	17	17	17	17	17	17	17
<b>Total w/o DR</b>	<b>783</b>	<b>819</b>	<b>759</b>	<b>762</b>	<b>786</b>	<b>799</b>	<b>805</b>	<b>759</b>	<b>759</b>
<b>DR</b>	<b>33</b>	<b>71</b>	<b>152</b>	<b>152</b>	<b>152</b>	<b>152</b>	<b>152</b>	<b>152</b>	<b>152</b>
<b>Total w/DR</b>	<b>816</b>	<b>890</b>	<b>912</b>	<b>915</b>	<b>938</b>	<b>951</b>	<b>958</b>	<b>912</b>	<b>912</b>

**Cumulative EI New Builds by Region in 2030 (GW)**

	Cum New Builds in 2030								Cum New CCs in 2030								Cum New On-Sh Wind in 2030							
	F1S3	F8B	F8S1	F8S2	F8S3	F8S4	F8S5*	F8S6*	F1S3	F8B	F8S1	F8S2	F8S3	F8S4	F8S5*	F8S6*	F1S3	F8B	F8S1	F8S2	F8S3	F8S4	F8S5*	F8S6*
	BAU	CO2+	75%	25%	Low	Hi	75%w	75%w	BAU	CO2+	75%	25%	Low	Hi	75%w	75%w	BAU	CO2+	75%	25%	Low	Hi	75%w	75%w
	Base	RPS	Soft	Soft	Rnw\$	RPS	FtCO2	FtCO2	Base	RPS	Soft	Soft	Rnw\$	RPS	FtCO2	FtCO2	Base	RPS	Soft	Soft	Rnw\$	RPS	FtCO2	FtCO2
ENT	4	7	5	3	6	4	6	6	3	6	4	2	2	3	5	5	0	0	0	0	2	0	0	0
FRCC	16	31	31	31	31	31	31	31	13	11	10	10	11	11	11	11	0	0	0	0	0	0	0	0
IESO	5	5	5	5	5	5	5	5	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
MAPP_CA	2	3	3	5	4	4	3	3	2	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0
MAPP_US	2	6	10	12	5	8	9	9	0	0	0	0	0	0	0	0	1	6	10	11	5	8	8	9
MISO_IN	5	55	47	12	42	58	34	29	4	15	17	11	10	14	6	8	0	39	29	0	31	43	26	21
MISO_MI	3	6	3	2	3	4	14	14	0	3	1	0	0	1	5	5	3	3	3	2	3	3	9	9
MISO_MO-IL	2	28	8	8	14	22	33	25	0	0	0	0	0	0	5	5	0	26	6	6	11	19	27	18
MISO_W	9	27	61	96	71	69	48	59	0	0	0	0	0	0	4	4	9	27	61	96	71	69	45	55
MISO_WUMS	10	15	8	12	7	13	8	8	4	4	5	10	5	5	4	4	1	9	1	1	1	8	3	3
NE	1	13	15	18	19	17	15	14	0	0	0	0	0	0	0	0	0	12	15	18	19	16	14	13
NEISO	9	9	9	9	9	9	9	9	2	2	2	2	2	2	2	2	5	5	5	5	5	5	5	5
NonRTO_Mid	1	5	5	5	6	5	6	6	1	4	5	4	3	4	6	6	0	0	0	0	0	0	0	0
NYISO_A-F	4	6	7	4	9	4	5	7	1	1	1	1	1	1	1	1	4	5	6	3	8	3	4	6
NYISO_G-I	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NYISO_J-K	3	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
PJM_E	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	1	1	1	1	1	1	1	1
PJM_ROM	12	6	6	7	6	6	6	6	2	2	2	2	2	2	2	2	7	1	1	1	1	1	1	1
PJM_ROR	20	55	37	25	30	38	48	45	8	26	21	13	13	16	31	28	9	26	13	9	13	19	13	13
SOCO	10	22	21	15	20	20	21	21	8	10	10	10	11	10	12	12	0	0	0	0	0	0	0	0
SPP_N	3	27	42	67	53	42	37	38	2	0	0	0	0	0	0	0	0	26	41	66	52	42	37	37
SPP_S	8	35	47	45	47	42	42	43	2	0	0	0	0	0	0	0	3	33	46	43	45	40	40	41
TVA	8	8	8	8	8	7	9	9	4	6	6	4	4	6	7	7	0	0	0	0	0	0	0	0
VACAR	20	25	23	22	25	24	24	24	11	12	11	9	11	11	11	11	4	4	4	4	4	4	4	4
	165	404	411	421	429	443	421	420	75	109	101	86	81	92	117	115	49	226	244	268	275	284	240	240

\* F8S5 and F8S6 include intra-MISO CC and on-shore wind build adjustments. F8S6 also includes on-shore wind build adjustments for SPP, MAPP\_US and NYISO\_A-F