

Time Weighted/Integrated Real Time LBMP- Generator

Generator Data		06/26/2024																							
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	25.68	25.41	22.34	21.92	21.02	25.94	27.87	29.75	27.27	28.52	32.17	39.60	66.09	48.74	51.69	51.23	57.78	51.44	54.00	44.71	46.23	89.86	39.10	28.85
		1.78	1.63	1.44	1.41	1.30	1.58	1.70	1.91	1.88	2.14	2.77	3.39	3.82	4.62	4.68	4.82	5.34	4.67	4.82	3.89	3.46	2.15	2.34	2.06
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-6.58	-29.20	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	-7.70	-63.16	-9.47	-0.88
74TH STREET_GT_1	24260	25.75	25.50	22.40	21.98	21.08	26.01	27.94	29.80	27.31	28.54	32.18	39.61	66.19	48.65	51.63	51.20	57.76	51.44	54.02	44.79	46.32	89.92	39.20	28.96
		1.85	1.72	1.51	1.47	1.36	1.65	1.77	1.96	1.92	2.15	2.78	3.36	3.78	4.52	4.62	4.79	5.31	4.66	4.84	3.97	3.55	2.22	2.45	2.18
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-6.62	-29.33	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	-7.69	-63.14	-9.46	-0.88
74TH STREET_GT_2	24261	25.75	25.50	22.40	21.98	21.08	26.01	27.94	29.80	27.31	28.54	32.18	39.61	66.19	48.65	51.63	51.20	57.76	51.44	54.02	44.79	46.32	89.92	39.20	28.96
		1.85	1.72	1.51	1.47	1.36	1.65	1.77	1.96	1.92	2.15	2.78	3.36	3.78	4.52	4.62	4.79	5.31	4.66	4.84	3.97	3.55	2.22	2.45	2.18
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-6.62	-29.33	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	-7.69	-63.14	-9.46	-0.88
ADK HUDSON___FALLS	24011	25.44	25.16	22.06	21.69	20.75	25.69	27.69	29.37	26.61	27.72	30.33	31.95	38.13	45.81	49.12	48.51	54.96	49.65	52.76	43.91	39.31	38.19	30.95	27.66
		1.54	1.38	1.17	1.18	1.04	1.33	1.52	1.53	1.22	1.33	1.29	1.56	1.56	2.16	2.11	2.11	2.52	2.88	3.59	3.09	2.70	1.69	1.89	1.57
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	-0.77	-3.49	0.24	0.00	0.00	0.00	0.00	0.00	0.00	-1.53	-11.94	-1.76	-0.18
ADK RESOURCE___RCVRY	23798	25.64	25.30	22.15	21.80	20.81	25.83	27.92	29.63	26.77	27.94	30.49	32.11	38.34	46.26	49.53	48.95	55.45	50.10	53.25	44.28	39.62	38.32	31.16	27.86
		1.73	1.52	1.26	1.29	1.10	1.46	1.75	1.78	1.38	1.55	1.45	1.71	1.78	2.61	2.52	2.55	3.01	3.33	4.08	3.46	3.02	1.87	2.11	1.77
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	-0.77	-3.49	0.24	0.00	0.00	0.00	0.00	0.00	0.00	-1.52	-11.89	-1.75	-0.18
ADK S GLENS___FALLS	24028	25.44	25.16	22.06	21.69	20.75	25.69	27.69	29.37	26.61	27.72	30.33	31.95	38.13	45.81	49.12	48.51	54.96	49.65	52.76	43.91	39.31	38.19	30.95	27.66
		1.54	1.38	1.17	1.18	1.04	1.33	1.52	1.53	1.22	1.33	1.29	1.56	1.56	2.16	2.11	2.11	2.52	2.88	3.59	3.09	2.70	1.69	1.89	1.57
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	-0.77	-3.49	0.24	0.00	0.00	0.00	0.00	0.00	0.00	-1.53	-11.94	-1.76	-0.18
ADK_NYS___DAM	23527	25.29	25.21	22.18	21.76	20.85	25.65	27.46	29.09	26.33	27.28	29.74	31.76	38.13	44.89	48.51	47.92	54.09	48.82	51.97	43.16	39.19	41.28	31.13	27.49
		1.39	1.43	1.29	1.24	1.14	1.29	1.29	1.24	0.94	0.90	0.91	1.30	1.31	1.52	1.50	1.52	1.66	2.06	2.80	2.34	2.14	1.36	1.57	1.36
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	-0.83	-3.74	0.51	0.00	0.00	0.00	0.00	0.00	0.00	-1.96	-15.35	-2.27	-0.23
AIR_PRODUCTS___DRP	24190	24.39	24.32	21.42	21.02	20.14	24.79	26.54	28.17	25.60	26.56	29.40	31.09	37.56	44.31	47.56	47.06	53.18	47.67	50.31	41.82	37.63	37.61	29.74	26.60
		0.48	0.54	0.53	0.51	0.42	0.43	0.37	0.33	0.21	0.17	0.33	0.61	0.63	0.63	0.55	0.66	0.74	0.89	1.14	0.99	0.94	0.52	0.59	0.51
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	-0.85	-3.85	0.20	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-12.53	-1.85	-0.19
AKWESSNE_115KV_BK	355683	-20.27	-6.32	-7.62	20.25	19.47	24.04	25.90	27.59	33.99	25.99	28.52	28.55	31.94	34.16	46.05	45.17	51.14	45.69	47.87	39.77	30.31	24.02	26.70	25.44
		-0.39	-0.32	-0.27	-0.26	-0.25	-0.33	-0.27	-0.26	-0.27	-0.40	-0.69	-1.08	-1.13	-1.11	-0.97	-1.23	-1.30	-1.08	-1.31	-1.04	-0.83	-0.55	-0.60	-0.46
		43.78	29.78	28.25	0.00	0.00	0.00	0.00	0.00	-8.87	0.00	0.00	0.00	0.00	8.61	0.00	0.00	0.00	0.00	0.00	0.00	3.93	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	24.79	24.71	21.74	21.34	20.47	25.24	27.01	28.63	25.84	26.77	29.73	31.22	37.44	44.62	47.67	47.19	53.41	48.09	50.96	42.50	37.98	36.02	29.89	27.00
		0.89	0.93	0.85	0.83	0.76	0.87	0.83	0.79	0.45	0.38	0.61	0.82	0.85	0.87	0.66	0.78	0.97	1.32	1.79	1.68	1.54	0.97	1.05	0.94
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	-0.78	-3.51	0.13	0.00	0.00	0.00	0.00	0.00	0.00	-1.35	-10.49	-1.55	-0.16
ALBANY_2_SOLAR	323834	24.78	24.70	21.73	21.33	20.47	25.23	27.00	28.62	25.83	26.76	29.71	31.21	37.43	44.62	47.66	47.18	53.40	48.07	50.93	42.49	37.96	36.03	29.89	26.99
		0.88	0.92	0.84	0.82	0.75	0.86	0.82	0.78	0.44	0.37	0.60	0.81	0.84	0.87	0.65	0.78	0.96	1.30	1.76	1.67	1.53	0.96	1.04	0.92
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	-0.78	-3.51	0.13	0.00	0.00	0.00	0.00	0.00	0.00	-1.36	-10.50	-1.55	-0.16
ALBANY___1	23571	24.39	24.32	21.42	21.02	20.14	24.79	26.54	28.17	25.60	26.56	29.40	31.09	37.56	44.31	47.56	47.06	53.18	47.67	50.31	41.82	37.63	37.61	29.74	26.60
		0.48	0.54	0.53	0.51	0.42	0.43	0.37	0.33	0.21	0.17	0.33	0.61	0.63	0.63	0.55	0.66	0.74	0.89	1.14	0.99	0.94	0.52	0.59	0.51
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	-0.85	-3.85	0.20	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-12.53	-1.85	-0.19

ALBANY___2 23572	24.39 0.48 0.00	24.32 0.54 0.00	21.42 0.53 0.00	21.02 0.51 0.00	20.14 0.42 0.00	24.79 0.43 0.00	26.54 0.37 0.00	28.17 0.33 0.00	25.60 0.21 0.00	26.56 0.17 0.00	29.40 0.33 0.15	31.09 0.61 -0.85	37.56 0.63 -3.85	44.31 0.63 0.20	47.56 0.55 0.00	47.06 0.66 0.00	53.18 0.74 0.00	47.67 0.89 0.00	50.31 1.14 0.00	41.82 0.99 0.00	37.63 0.94 -1.61	37.61 0.52 -12.53	29.74 0.59 -1.85	26.60 0.51 -0.19
ALBANY___3 23573	24.39 0.48 0.00	24.32 0.54 0.00	21.42 0.53 0.00	21.02 0.51 0.00	20.14 0.42 0.00	24.79 0.43 0.00	26.54 0.37 0.00	28.17 0.33 0.00	25.60 0.21 0.00	26.56 0.17 0.00	29.40 0.33 0.15	31.09 0.61 -0.85	37.56 0.63 -3.85	44.31 0.63 0.20	47.56 0.55 0.00	47.06 0.66 0.00	53.18 0.74 0.00	47.67 0.89 0.00	50.31 1.14 0.00	41.82 0.99 0.00	37.63 0.94 -1.61	37.61 0.52 -12.53	29.74 0.59 -1.85	26.60 0.51 -0.19
ALBANY___4 23574	24.39 0.48 0.00	24.32 0.54 0.00	21.42 0.53 0.00	21.02 0.51 0.00	20.14 0.42 0.00	24.79 0.43 0.00	26.54 0.37 0.00	28.17 0.33 0.00	25.60 0.21 0.00	26.56 0.17 0.00	29.40 0.33 0.15	31.09 0.61 -0.85	37.56 0.63 -3.85	44.31 0.63 0.20	47.56 0.55 0.00	47.06 0.66 0.00	53.18 0.74 0.00	47.67 0.89 0.00	50.31 1.14 0.00	41.82 0.99 0.00	37.63 0.94 -1.61	37.61 0.52 -12.53	29.74 0.59 -1.85	26.60 0.51 -0.19
ALBANY___LFGE 323615	24.66 0.76 0.00	24.55 0.78 0.00	21.63 0.74 0.00	21.22 0.71 0.00	20.35 0.63 0.00	25.06 0.69 0.00	26.85 0.68 0.00	28.51 0.66 0.00	25.91 0.52 0.00	26.91 0.52 0.00	29.77 0.72 0.17	31.51 1.05 -0.84	38.02 1.18 -3.76	45.02 1.36 0.22	48.34 1.32 0.00	47.77 1.37 0.00	53.96 1.52 0.00	48.44 1.66 0.00	51.14 1.97 0.00	42.42 1.59 0.00	38.10 1.41 -1.61	37.95 0.84 -12.55	30.08 0.93 -1.85	26.89 0.79 -0.19
ALCOA_PA_115KV_PL-6C 55860	-18.92 -0.46 42.37	-5.42 -0.37 28.82	-6.75 -0.31 27.34	20.23 -0.28 0.00	19.43 -0.29 0.00	23.98 -0.38 0.00	25.84 -0.34 0.00	27.49 -0.36 0.00	39.38 -0.39 -14.38	25.91 -0.48 0.00	28.43 -0.79 0.00	28.43 -1.20 0.00	31.76 -1.31 0.00	34.22 -1.33 8.33	45.83 -1.18 0.00	44.95 -1.45 0.00	50.94 -1.51 0.00	45.56 -1.21 0.00	47.75 -1.43 0.00	39.62 -1.20 0.00	28.77 -0.94 5.36	23.97 -0.59 0.00	26.65 -0.64 0.00	25.41 -0.49 0.00
ALCOA_RYNLDS___DRP 24188	-18.92 -0.46 42.37	-5.42 -0.37 28.82	-6.75 -0.31 27.34	20.23 -0.28 0.00	19.43 -0.29 0.00	23.98 -0.38 0.00	25.84 -0.34 0.00	27.49 -0.36 0.00	39.38 -0.39 -14.38	25.91 -0.48 0.00	28.43 -0.79 0.00	28.43 -1.20 0.00	31.76 -1.31 0.00	34.22 -1.33 8.33	45.83 -1.18 0.00	44.95 -1.45 0.00	50.94 -1.51 0.00	45.56 -1.21 0.00	47.75 -1.43 0.00	39.62 -1.20 0.00	28.77 -0.94 5.36	23.97 -0.59 0.00	26.65 -0.64 0.00	25.41 -0.49 0.00
ALCOA___DSASP 323711	-18.93 -0.46 42.37	-5.42 -0.37 28.82	-6.75 -0.31 27.34	20.23 -0.28 0.00	19.43 -0.29 0.00	23.98 -0.38 0.00	25.83 -0.34 0.00	27.49 -0.36 0.00	39.38 -0.39 -14.38	25.91 -0.48 0.00	28.43 -0.79 0.00	28.43 -1.20 0.00	31.76 -1.31 0.00	34.22 -1.33 8.33	45.83 -1.18 0.00	44.95 -1.45 0.00	50.94 -1.50 0.00	45.56 -1.21 0.00	47.74 -1.43 0.00	39.62 -1.20 0.00	28.78 -0.94 5.36	23.97 -0.59 0.00	26.66 -0.64 0.00	25.42 -0.49 0.00
ALLEGHENY___COGEN 23514	24.32 0.42 0.00	24.07 0.29 0.00	20.96 0.06 0.00	20.62 0.11 0.00	19.96 0.24 0.00	24.92 0.56 0.00	26.89 0.71 0.00	28.69 0.85 0.00	25.88 0.49 0.00	26.98 0.59 0.00	30.26 1.05 0.00	30.43 0.80 0.00	33.51 0.43 0.00	44.01 0.13 0.00	47.34 0.33 0.00	47.53 1.12 0.00	53.58 1.14 0.00	46.93 0.15 0.00	48.95 -0.23 0.00	40.57 -0.25 0.00	34.64 -0.44 0.00	25.01 0.45 0.00	28.25 0.95 0.00	26.64 0.73 0.00
ALTAMONT_115KV_TB 2 55880	24.56 0.66 0.00	24.44 0.66 0.00	21.50 0.61 0.00	21.10 0.59 0.00	20.25 0.53 0.00	24.97 0.61 0.00	26.78 0.60 0.00	28.43 0.58 0.00	25.88 0.50 0.00	26.90 0.51 0.00	29.80 0.69 0.10	31.41 0.94 -0.85	37.92 1.00 -3.84	44.90 1.15 0.13	48.11 1.10 0.00	47.59 1.19 0.00	53.75 1.32 0.00	48.12 1.35 0.00	50.81 1.64 0.00	42.22 1.40 0.00	37.86 1.27 -1.51	37.08 0.77 -11.75	29.87 0.84 -1.74	26.80 0.71 -0.18
ALTONA_WT_PWR 323606	-20.80 -0.78 43.92	-6.95 -0.85 29.88	-8.29 -0.84 28.34	19.78 -0.73 0.00	19.09 -0.63 0.00	23.88 -0.49 0.00	25.90 -0.27 0.00	27.86 0.01 0.00	25.36 -0.03 0.00	25.97 -0.42 0.00	28.51 -0.70 0.00	28.41 -1.22 0.00	31.77 -1.31 0.00	34.00 -1.24 8.63	45.97 -1.04 0.00	45.48 -0.92 0.00	51.73 -0.71 0.00	46.32 -0.45 0.00	48.61 -0.57 0.00	40.70 -0.12 0.00	31.07 -0.21 3.79	24.42 -0.14 0.00	27.12 -0.18 0.00	25.26 -0.65 0.00
AMERICAN_REF_FUEL 24010	22.57 -1.33 0.00	22.40 -1.38 0.00	19.61 -1.28 0.00	19.35 -1.16 0.00	18.77 -0.94 0.00	23.27 -1.09 0.00	24.85 -1.33 0.00	26.31 -1.54 0.00	23.88 -1.51 0.00	25.24 -1.15 0.00	28.34 -0.87 0.00	28.95 -0.67 0.00	32.26 -0.82 0.00	41.77 -2.11 0.00	45.05 -1.96 0.00	44.17 -2.24 0.00	49.38 -3.06 0.00	43.16 -3.61 0.00	44.98 -4.20 0.00	37.25 -3.57 0.00	31.82 -3.26 0.00	22.76 -1.80 0.00	25.88 -1.41 0.00	19.84 -1.26 4.81
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.06 -0.84 0.00	22.85 -0.92 0.00	19.87 -1.02 0.00	19.59 -0.92 0.00	19.06 -0.66 0.00	24.13 -0.23 0.00	26.17 -0.01 0.00	27.91 0.06 0.00	25.53 0.14 0.00	26.97 0.58 0.00	30.58 1.37 0.00	31.19 1.56 0.00	34.77 1.69 0.00	45.70 1.82 0.00	48.97 1.95 0.00	47.95 1.55 0.00	53.66 1.22 0.00	46.61 -0.16 0.00	48.77 -0.41 0.00	39.55 -1.27 0.00	33.81 -1.27 0.00	24.16 -0.40 0.00	27.22 -0.08 0.00	20.97 -0.20 4.73
ARTHUR KILL_GT_1 23520	25.56 1.66 0.00	25.32 1.55 0.00	22.25 1.36 0.00	21.81 1.29 0.00	20.91 1.19 0.00	25.79 1.43 0.00	27.73 1.56 0.00	29.53 1.69 0.00	27.07 1.68 0.00	28.28 1.90 0.01	31.95 2.56 -0.17	45.33 3.14 -12.56	44.09 3.52 -7.49	48.28 4.16 -0.24	51.26 4.24 -0.01	50.89 4.48 -0.01	57.38 4.94 0.00	51.07 4.31 0.01	53.62 4.45 0.00	44.59 3.78 0.00	46.66 3.35 -8.24	60.44 2.06 -33.81	39.46 2.28 -9.88	29.58 2.00 -1.68
ARTHUR_KILL_2 23512	25.48 1.57 0.00	25.23 1.45 0.00	22.17 1.28 0.00	21.73 1.22 0.00	20.83 1.12 0.00	25.71 1.35 0.00	27.64 1.48 0.00	29.43 1.59 0.00	26.98 1.59 0.00	28.18 1.80 0.01	31.83 2.44 -0.17	45.20 3.02 -12.56	43.94 3.37 -7.49	48.09 3.96 -0.24	51.03 4.01 -0.01	50.65 4.24 -0.01	57.11 4.67 0.00	50.83 4.07 0.01	53.37 4.20 0.00	44.38 3.56 0.00	46.48 3.17 -8.24	60.32 1.95 -33.81	39.33 2.15 -9.88	29.48 1.89 -1.68
ARTHUR_KILL_3 23513	25.50 1.60 0.00	25.23 1.45 0.00	22.16 1.27 0.00	21.75 1.23 0.00	20.85 1.13 0.00	25.73 1.36 0.00	27.62 1.45 0.00	29.43 1.58 0.00	26.95 1.56 0.00	28.15 1.76 0.00	31.72 2.33 -0.18	45.35 2.87 -12.85	55.47 3.25 -19.14	47.98 3.85 -0.24	50.95 3.94 0.00	50.52 4.12 0.00	56.94 4.50 0.00	50.69 3.92 0.00	53.23 4.06 0.00	44.12 3.30 0.01	46.29 2.97 -8.24	60.25 1.86 -33.83	39.24 2.06 -9.88	29.42 1.82 -1.68

ARTHUR_KILL_COGEN 323718	25.56 1.66 0.00	25.32 1.55 0.00	22.25 1.36 0.00	21.81 1.29 0.00	20.91 1.19 0.00	25.79 1.43 0.00	27.73 1.56 0.00	29.53 1.69 0.00	27.07 1.68 0.00	28.28 1.90 0.01	31.95 2.56 -0.17	45.33 3.14 -12.56	44.09 3.52 -7.49	48.28 4.16 -0.24	51.26 4.24 -0.01	50.89 4.48 -0.01	57.38 4.94 0.00	51.07 4.31 0.01	53.62 4.45 0.00	44.59 3.78 0.00	46.66 3.35 -8.24	60.44 2.06 -33.81	39.46 2.28 -9.88	29.58 2.00 -1.68
ASHOKAN____ 23654	25.57 1.66 0.00	25.41 1.63 0.00	22.33 1.44 0.00	21.90 1.39 0.00	21.00 1.29 0.00	25.92 1.55 0.00	27.82 1.65 0.00	29.56 1.71 0.00	26.84 1.45 0.00	27.87 1.48 0.00	31.05 1.84 0.00	31.81 2.19 0.00	35.86 2.78 0.00	47.13 3.24 0.00	50.18 3.17 0.00	49.93 3.52 0.00	56.47 4.04 0.00	50.88 4.11 0.00	53.88 4.70 0.00	44.66 3.84 0.00	38.38 3.30 0.00	26.59 2.03 0.00	29.40 2.11 0.00	27.68 1.77 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.60 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.24 0.00	25.84 1.47 0.00	27.76 1.59 0.00	29.62 1.77 0.00	27.12 1.73 0.00	28.31 1.92 0.00	31.88 2.48 -0.18	39.28 3.03 -6.62	65.78 3.38 -29.33	48.12 3.99 -0.24	51.04 4.03 0.00	50.67 4.26 0.00	57.17 4.73 0.00	50.90 4.13 0.00	53.39 4.21 0.00	44.36 3.53 0.00	45.88 3.11 -7.69	89.65 1.95 -63.14	38.94 2.18 -9.46	28.75 1.97 -0.88
ASTORIA_EAST_ENERGY_CC2 323582	25.60 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.95 1.24 0.00	25.83 1.47 0.00	27.76 1.59 0.00	29.62 1.77 0.00	27.12 1.73 0.00	28.31 1.92 0.00	31.88 2.48 -0.18	39.28 3.03 -6.62	65.78 3.38 -29.33	48.12 3.99 -0.24	51.04 4.03 0.00	50.67 4.26 0.00	57.17 4.73 0.00	50.90 4.13 0.00	53.39 4.21 0.00	44.36 3.53 0.00	45.88 3.11 -7.69	89.65 1.95 -63.14	38.94 2.18 -9.46	28.75 1.97 -0.88
ASTORIA_GT2_1 24094	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT2_2 24095	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT2_3 24096	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT2_4 24097	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT3_1 24098	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT3_2 24099	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT3_3 24100	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT3_4 24101	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT4_1 24102	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT4_2 24103	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT4_3 24104	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88

ASTORIA_GT4_4 24105	25.61 1.70 0.00	25.37 1.59 0.00	22.30 1.41 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.19	39.30 3.05 -6.62	65.81 3.40 -29.33	48.15 4.03 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.23 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.77 1.98 -0.88
ASTORIA_GT_1 23523	25.67 1.76 0.00	25.42 1.64 0.00	22.35 1.46 0.00	21.90 1.39 0.00	21.00 1.29 0.00	25.89 1.53 0.00	27.83 1.66 0.00	29.70 1.85 0.00	27.20 1.81 0.00	28.40 2.01 0.00	31.98 2.58 -0.18	39.38 3.13 -6.62	65.91 3.50 -29.33	48.29 4.17 -0.24	51.22 4.21 0.00	50.85 4.44 0.00	57.37 4.93 0.00	51.07 4.30 0.00	53.56 4.39 0.00	44.50 3.67 0.00	46.00 3.23 -7.69	89.73 2.03 -63.14	39.03 2.27 -9.46	28.83 2.05 -0.88
ASTORIA_GT_10 24110	25.57 1.67 0.00	25.32 1.55 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.95 1.24 0.00	25.83 1.47 0.00	27.76 1.59 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.09 -8.01	65.81 3.41 -29.33	48.15 4.02 -0.24	51.04 4.02 0.00	50.60 4.20 0.00	57.10 4.66 0.00	50.84 4.07 0.00	53.38 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.70 2.00 -63.14	38.97 2.21 -9.46	28.75 1.96 -0.88
ASTORIA_GT_11 24225	25.57 1.67 0.00	25.32 1.55 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.95 1.24 0.00	25.83 1.47 0.00	27.76 1.59 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.09 -8.01	65.81 3.41 -29.33	48.15 4.02 -0.24	51.04 4.02 0.00	50.60 4.20 0.00	57.10 4.66 0.00	50.84 4.07 0.00	53.38 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.70 2.00 -63.14	38.97 2.21 -9.46	28.75 1.96 -0.88
ASTORIA_GT_12 24226	25.57 1.67 0.00	25.32 1.55 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.95 1.24 0.00	25.83 1.47 0.00	27.76 1.59 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.09 -8.01	65.81 3.41 -29.33	48.15 4.02 -0.24	51.04 4.02 0.00	50.60 4.20 0.00	57.10 4.66 0.00	50.84 4.07 0.00	53.38 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.70 2.00 -63.14	38.97 2.21 -9.46	28.75 1.96 -0.88
ASTORIA_GT_13 24227	25.57 1.67 0.00	25.32 1.55 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.95 1.24 0.00	25.83 1.47 0.00	27.76 1.59 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.09 -8.01	65.81 3.41 -29.33	48.15 4.02 -0.24	51.04 4.02 0.00	50.60 4.20 0.00	57.10 4.66 0.00	50.84 4.07 0.00	53.38 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.70 2.00 -63.14	38.97 2.21 -9.46	28.75 1.96 -0.88
ASTORIA_GT_5 24106	25.66 1.76 0.00	25.42 1.64 0.00	22.35 1.46 0.00	21.90 1.39 0.00	21.00 1.29 0.00	25.90 1.53 0.00	27.85 1.67 0.00	29.70 1.85 0.00	27.20 1.81 0.00	28.40 2.01 0.00	31.99 2.59 -0.19	39.39 3.14 -6.62	65.91 3.50 -29.33	48.29 4.17 -0.24	51.22 4.21 0.00	50.85 4.44 0.00	57.37 4.93 0.00	51.07 4.30 0.00	53.57 4.39 0.00	44.50 3.67 0.00	46.00 3.23 -7.69	89.73 2.03 -63.14	39.03 2.27 -9.46	28.84 2.05 -0.88
ASTORIA_GT_7 24107	25.66 1.76 0.00	25.42 1.64 0.00	22.35 1.46 0.00	21.90 1.39 0.00	21.00 1.29 0.00	25.90 1.53 0.00	27.85 1.67 0.00	29.70 1.85 0.00	27.20 1.81 0.00	28.40 2.01 0.00	31.99 2.59 -0.19	39.39 3.14 -6.62	65.91 3.50 -29.33	48.29 4.17 -0.24	51.22 4.21 0.00	50.85 4.44 0.00	57.37 4.93 0.00	51.07 4.30 0.00	53.57 4.39 0.00	44.50 3.67 0.00	46.00 3.23 -7.69	89.73 2.03 -63.14	39.03 2.27 -9.46	28.84 2.05 -0.88
ASTORIA_GT_8 24108	25.66 1.76 0.00	25.42 1.64 0.00	22.35 1.46 0.00	21.90 1.39 0.00	21.00 1.29 0.00	25.90 1.53 0.00	27.85 1.67 0.00	29.70 1.85 0.00	27.20 1.81 0.00	28.40 2.01 0.00	31.99 2.59 -0.19	39.39 3.14 -6.62	65.91 3.50 -29.33	48.29 4.17 -0.24	51.22 4.21 0.00	50.85 4.44 0.00	57.37 4.93 0.00	51.07 4.30 0.00	53.57 4.39 0.00	44.50 3.67 0.00	46.00 3.23 -7.69	89.73 2.03 -63.14	39.03 2.27 -9.46	28.84 2.05 -0.88
ASTORIA___2 24149	25.61 1.71 0.00	25.37 1.59 0.00	22.31 1.42 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.84 1.48 0.00	27.77 1.60 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.32 1.93 0.00	31.90 2.50 -0.18	39.29 3.04 -6.62	65.80 3.39 -29.33	48.15 4.02 -0.24	51.07 4.06 0.00	50.69 4.29 0.00	57.20 4.76 0.00	50.93 4.16 0.00	53.40 4.22 0.00	44.37 3.55 0.00	45.90 3.13 -7.69	89.66 1.96 -63.14	38.95 2.20 -9.46	28.76 1.98 -0.88
ASTORIA___3 23516	25.58 1.68 0.00	25.32 1.55 0.00	22.29 1.39 0.00	21.85 1.34 0.00	20.96 1.24 0.00	25.83 1.47 0.00	27.75 1.58 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.08 -8.01	65.81 3.40 -29.33	48.14 4.02 -0.24	51.04 4.03 0.00	50.61 4.20 0.00	57.09 4.65 0.00	50.84 4.07 0.00	53.37 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.69 1.99 -63.14	38.97 2.21 -9.46	28.74 1.96 -0.88
ASTORIA___4 23517	25.57 1.67 0.00	25.32 1.55 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.95 1.24 0.00	25.83 1.47 0.00	27.76 1.59 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.09 -8.01	65.81 3.41 -29.33	48.15 4.02 -0.24	51.04 4.02 0.00	50.60 4.20 0.00	57.09 4.65 0.00	50.84 4.07 0.00	53.37 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.70 2.00 -63.14	38.97 2.21 -9.46	28.75 1.96 -0.88
ASTORIA___5 23518	25.58 1.68 0.00	25.32 1.55 0.00	22.29 1.39 0.00	21.85 1.34 0.00	20.96 1.24 0.00	25.83 1.47 0.00	27.75 1.58 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.08 -8.01	65.81 3.40 -29.33	48.14 4.02 -0.24	51.04 4.03 0.00	50.61 4.20 0.00	57.09 4.65 0.00	50.84 4.07 0.00	53.37 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.69 1.99 -63.14	38.97 2.21 -9.46	28.74 1.96 -0.88
AST_ENERGY_2_CC3 323677	25.54 1.63 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.19 0.00	25.78 1.42 0.00	27.68 1.51 0.00	29.50 1.66 0.00	27.02 1.63 0.00	28.23 1.84 0.00	31.82 2.43 -0.18	39.21 2.98 -6.60	65.70 3.36 -29.27	48.13 4.00 -0.24	51.07 4.06 0.00	50.65 4.24 0.00	57.13 4.69 0.00	50.88 4.11 0.00	53.43 4.26 0.00	44.31 3.49 0.00	45.89 3.12 -7.70	89.65 1.94 -63.15	38.88 2.13 -9.46	28.68 1.89 -0.88
AST_ENERGY_2_CC4 323678	25.54 1.63 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.19 0.00	25.78 1.42 0.00	27.68 1.51 0.00	29.50 1.66 0.00	27.02 1.63 0.00	28.23 1.84 0.00	31.82 2.43 -0.18	39.21 2.98 -6.60	65.70 3.36 -29.27	48.13 4.00 -0.24	51.07 4.06 0.00	50.65 4.24 0.00	57.13 4.69 0.00	50.88 4.11 0.00	53.43 4.26 0.00	44.31 3.49 0.00	45.89 3.12 -7.70	89.65 1.94 -63.15	38.88 2.13 -9.46	28.68 1.89 -0.88

ATHENS_STG_1 23668	24.64 0.74 0.00	24.48 0.70 0.00	21.55 0.66 0.00	21.15 0.64 0.00	20.29 0.57 0.00	25.03 0.66 0.00	26.83 0.65 0.00	28.51 0.66 0.00	26.00 0.61 0.00	27.07 0.68 0.00	30.23 0.94 -0.07	32.22 1.29 -1.30	40.41 1.43 -5.91	45.63 1.66 -0.09	48.64 1.63 0.00	48.16 1.76 0.00	54.37 1.93 0.00	48.55 1.78 0.00	51.20 2.02 0.00	42.52 1.70 0.00	38.40 1.52 -1.80	40.40 0.91 -14.93	30.51 0.98 -2.24	26.93 0.82 -0.21
ATHENS_STG_2 23670	24.64 0.74 0.00	24.48 0.70 0.00	21.55 0.66 0.00	21.15 0.64 0.00	20.29 0.57 0.00	25.03 0.66 0.00	26.83 0.65 0.00	28.51 0.66 0.00	26.00 0.61 0.00	27.07 0.68 0.00	30.23 0.94 -0.07	32.22 1.29 -1.30	40.41 1.43 -5.91	45.63 1.66 -0.09	48.64 1.63 0.00	48.16 1.76 0.00	54.37 1.93 0.00	48.55 1.78 0.00	51.20 2.02 0.00	42.52 1.70 0.00	38.40 1.52 -1.80	40.40 0.91 -14.93	30.51 0.98 -2.24	26.93 0.82 -0.21
ATHENS_STG_3 23677	24.64 0.74 0.00	24.48 0.70 0.00	21.55 0.66 0.00	21.15 0.64 0.00	20.29 0.57 0.00	25.03 0.66 0.00	26.83 0.65 0.00	28.51 0.66 0.00	26.00 0.61 0.00	27.07 0.68 0.00	30.23 0.94 -0.07	32.22 1.29 -1.30	40.41 1.43 -5.91	45.63 1.66 -0.09	48.64 1.63 0.00	48.16 1.76 0.00	54.37 1.93 0.00	48.55 1.78 0.00	51.20 2.02 0.00	42.52 1.70 0.00	38.40 1.52 -1.80	40.40 0.91 -14.93	30.51 0.98 -2.24	26.93 0.82 -0.21
AUBURN___LFGE 323710	23.98 0.08 0.00	23.83 0.05 0.00	20.89 -0.01 0.00	20.54 0.03 0.00	19.81 0.09 0.00	24.54 0.17 0.00	26.41 0.23 0.00	28.05 0.20 0.00	24.65 0.40 1.13	26.89 0.50 0.00	29.92 0.71 0.00	30.42 0.79 0.00	33.84 0.76 0.00	44.37 0.48 0.00	48.30 0.68 -0.61	50.38 0.84 -3.13	57.41 1.13 -3.84	48.63 0.51 -1.35	51.99 0.52 -2.29	41.83 0.42 -0.58	35.16 0.08 0.00	24.80 0.24 -0.01	27.57 0.28 0.00	26.05 0.14 0.00
BABYLON_RES_REC 323704	27.33 1.84 -1.60	27.22 1.84 -1.61	22.46 1.57 0.00	22.05 1.55 0.00	21.11 1.39 0.00	26.00 1.63 0.00	27.85 1.68 0.00	29.68 1.84 0.00	27.09 1.70 0.00	28.29 1.91 0.00	37.38 2.83 -5.34	41.10 3.34 -8.14	78.90 3.71 -42.12	58.26 4.57 -9.81	56.88 4.71 -5.16	54.62 4.93 -3.28	59.60 5.48 -1.69	154.61 4.99 -102.85	64.92 5.14 -10.60	46.08 4.10 -1.16	46.41 3.60 -7.73	90.13 2.19 -63.38	39.12 2.33 -9.50	28.89 2.10 -0.88
BABYLON___69_KV_BK2 356345	27.59 2.09 -1.60	27.46 2.08 -1.61	22.67 1.78 0.00	22.26 1.75 0.00	21.30 1.58 0.00	26.24 1.87 0.00	28.11 1.93 0.00	29.96 2.11 0.00	27.34 1.95 0.00	28.55 2.16 0.00	37.70 3.15 -5.34	41.46 3.70 -8.14	79.08 4.12 -41.88	58.83 5.14 -9.81	57.46 5.29 -5.16	55.21 5.52 -3.29	60.13 6.06 -1.64	154.84 5.51 -102.55	67.35 5.70 -12.47	49.57 4.53 -4.22	46.79 3.98 -7.73	90.38 2.44 -63.38	39.40 2.60 -9.50	29.16 2.37 -0.88
BALL_HILL_WT_PWR 323825	23.16 -0.75 0.00	22.93 -0.84 0.00	20.00 -0.89 0.00	19.73 -0.78 0.00	19.14 -0.57 0.00	23.97 -0.39 0.00	25.79 -0.38 0.00	27.44 -0.41 0.00	25.03 -0.36 0.00	26.43 0.04 0.00	29.83 0.61 0.00	30.41 0.78 0.00	33.88 0.80 0.00	44.36 0.47 0.00	47.59 0.59 0.00	46.71 0.31 0.00	52.25 -0.19 0.00	45.52 -1.25 0.00	47.57 -1.61 0.00	39.08 -1.74 0.00	33.30 -1.78 0.00	23.80 -0.76 0.00	26.82 -0.47 0.00	19.98 -0.50 5.42
BARON_WINDS___WT_PWR 323822	23.08 -0.83 0.00	22.85 -0.93 0.00	19.84 -1.05 0.00	19.52 -0.98 0.00	18.90 -0.82 0.00	23.69 -0.68 0.00	25.57 -0.60 0.00	27.49 -0.35 0.00	25.11 -0.28 0.00	26.39 0.00 0.00	29.80 0.58 0.00	30.36 0.73 0.00	33.73 0.65 0.00	44.50 0.62 0.00	47.81 0.65 -0.15	47.88 0.70 -0.77	53.88 0.49 -0.95	46.56 -0.55 -0.33	49.10 -0.63 -0.56	40.34 -0.62 -0.14	34.12 -0.95 0.00	24.14 -0.42 0.00	27.05 -0.24 0.00	29.49 -0.27 -3.85
BARRETT_IC_1 23704	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_10 23701	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_11 23702	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_12 23703	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_2 23705	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_3 23706	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_4 23707	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88

BARRETT_IC_5 23708	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_6 23709	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_7 23710	27.19 1.69 -1.60	27.06 1.67 -1.61	22.34 1.44 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.89 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.35 3.46 -40.81	57.92 4.23 -9.81	56.44 4.27 -5.16	53.96 4.28 -3.28	58.20 4.74 -1.02	149.87 4.24 -98.87	63.38 4.30 -9.90	44.30 3.48 0.00	45.96 3.15 -7.73	89.92 1.98 -63.38	38.98 2.18 -9.50	28.76 1.97 -0.88
BARRETT_IC_8 23711	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT_IC_9 23700	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT___1 23545	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BARRETT___2 23546	27.20 1.70 -1.60	27.06 1.68 -1.61	22.34 1.45 0.00	21.93 1.42 0.00	21.00 1.29 0.00	25.88 1.52 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.01 1.62 0.00	28.19 1.80 0.00	37.16 2.61 -5.34	40.91 3.14 -8.14	77.34 3.45 -40.81	57.93 4.23 -9.81	56.45 4.27 -5.16	53.96 4.28 -3.28	58.21 4.75 -1.02	149.88 4.24 -98.87	63.38 4.30 -9.90	44.31 3.48 0.00	45.96 3.15 -7.73	89.92 1.97 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
BATAVIA__115KV_TB1 55881	23.86 -0.05 0.00	23.65 -0.13 0.00	20.68 -0.21 0.00	20.37 -0.14 0.00	19.75 0.04 0.00	24.53 0.17 0.00	26.29 0.11 0.00	27.97 0.13 0.00	25.40 0.00 0.00	26.73 0.34 0.00	30.01 0.80 0.00	30.74 1.12 0.00	34.29 1.21 0.00	44.59 0.71 0.00	48.28 1.27 0.00	47.53 1.13 0.00	53.14 0.70 0.00	46.48 -0.29 0.00	48.34 -0.83 0.00	39.94 -0.88 0.00	34.05 -1.03 0.00	24.23 -0.33 0.00	27.34 0.05 0.00	25.89 -0.02 0.00
BAYONEEC___CTG1 323682	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG10 323750	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG2 323683	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG3 323684	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG4 323685	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG5 323686	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG6 323687	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88

BAYONEEC___CTG7 323688	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG8 323689	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BAYONEEC___CTG9 323749	25.57 1.66 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.24 3.01 -6.60	65.73 3.39 -29.27	48.14 4.01 -0.24	51.10 4.09 0.00	50.68 4.27 0.00	57.15 4.71 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.30 3.49 0.01	45.90 3.13 -7.70	89.67 1.96 -63.15	38.92 2.16 -9.46	28.70 1.92 -0.88
BEACON___LESR 323632	24.74 0.84 0.00	24.64 0.86 0.00	21.67 0.78 0.00	21.26 0.75 0.00	20.38 0.66 0.00	25.15 0.78 0.00	26.98 0.81 0.00	28.71 0.86 0.00	26.10 0.72 0.00	27.01 0.62 0.00	29.87 0.81 0.16	31.63 1.15 -0.86	38.26 1.33 -3.85	45.32 1.65 0.21	48.61 1.59 0.00	48.11 1.70 0.00	54.39 1.95 0.00	48.75 1.98 0.00	51.52 2.35 0.00	42.68 1.86 0.00	38.47 1.76 -1.63	38.28 1.06 -12.66	30.24 1.08 -1.87	27.01 0.91 -0.19
BEAVER RIVER___HYD 24048	10.71 -1.08 12.12	14.54 -1.00 8.24	12.19 -0.89 7.82	19.80 -0.72 0.00	19.03 -0.68 0.00	23.52 -0.85 0.00	25.46 -0.71 0.00	27.14 -0.70 0.00	1.48 -0.48 23.43	25.81 -0.58 0.00	28.33 -0.88 0.00	28.62 -1.01 0.00	31.79 -1.29 0.00	39.79 -1.71 2.38	46.33 -1.04 -0.35	46.87 -1.34 -1.81	53.65 -1.01 -2.22	47.35 -0.20 -0.78	50.20 -0.30 -1.32	40.21 -0.94 -0.34	-1.89 -1.00 35.97	24.88 0.32 0.00	27.51 0.22 0.00	25.67 -0.24 0.00
BEEBEE_GT_13 23619	23.66 -0.24 0.00	23.49 -0.29 0.00	20.57 -0.32 0.00	20.24 -0.27 0.00	19.57 -0.14 0.00	24.27 -0.09 0.00	26.01 -0.17 0.00	27.66 -0.19 0.00	25.21 -0.18 0.00	26.51 0.12 0.00	29.71 0.50 0.00	30.29 0.66 0.00	33.73 0.65 0.00	44.14 0.26 0.00	47.55 0.54 0.00	46.82 0.42 0.00	52.51 0.07 0.00	46.19 -0.58 0.00	48.20 -0.98 0.00	39.90 -0.93 0.00	34.08 -1.00 0.00	24.13 -0.43 0.00	27.05 -0.24 0.00	25.59 -0.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.86 1.95 0.00	25.60 1.82 0.00	22.49 1.60 0.00	22.04 1.53 0.00	21.13 1.41 0.00	26.07 1.70 0.00	28.05 1.87 0.00	29.90 2.06 0.00	27.40 2.01 0.00	28.65 2.26 0.00	32.69 2.97 -0.50	157.86 3.58 -124.65	321.46 3.98 -284.40	48.88 4.76 -0.25	68.56 4.85 -16.70	51.43 5.02 -0.01	58.01 5.57 -0.01	51.65 4.87 0.00	54.18 5.01 0.00	45.03 4.20 0.00	47.58 3.74 -8.75	90.05 2.35 -63.14	48.16 2.61 -18.26	37.44 2.31 -9.22
BETHLEHEM___GRP 23843	24.39 0.48 0.00	24.32 0.54 0.00	21.42 0.53 0.00	21.02 0.51 0.00	20.14 0.42 0.00	24.79 0.43 0.00	26.54 0.37 0.00	28.17 0.33 0.00	25.60 0.21 0.00	26.56 0.17 0.00	29.40 0.33 0.15	31.09 0.61 -0.85	37.56 0.63 -3.85	44.31 0.63 0.20	47.56 0.55 0.00	47.06 0.66 0.00	53.18 0.74 0.00	47.67 0.89 0.00	50.31 1.14 0.00	41.82 0.99 0.00	37.63 0.94 -1.61	37.61 0.52 -12.53	29.74 0.59 -1.85	26.60 0.51 -0.19
BETHLEHEM___GS1 323560	24.38 0.48 0.00	24.31 0.53 0.00	21.42 0.53 0.00	21.02 0.51 0.00	20.14 0.42 0.00	24.80 0.43 0.00	26.54 0.37 0.00	28.17 0.33 0.00	25.60 0.21 0.00	26.56 0.17 0.00	29.39 0.33 0.15	31.08 0.60 -0.85	37.55 0.62 -3.85	44.31 0.63 0.20	47.56 0.55 0.00	47.06 0.66 0.00	53.19 0.74 0.00	47.67 0.89 0.00	50.31 1.14 0.00	41.82 0.99 0.00	37.63 0.94 -1.61	37.61 0.52 -12.53	29.73 0.59 -1.85	26.60 0.51 -0.19
BETHLEHEM___GS2 323561	24.38 0.48 0.00	24.31 0.53 0.00	21.42 0.53 0.00	21.02 0.51 0.00	20.14 0.42 0.00	24.80 0.43 0.00	26.54 0.37 0.00	28.17 0.33 0.00	25.60 0.21 0.00	26.56 0.17 0.00	29.39 0.33 0.15	31.08 0.60 -0.85	37.55 0.62 -3.85	44.31 0.63 0.20	47.56 0.55 0.00	47.06 0.66 0.00	53.19 0.74 0.00	47.67 0.89 0.00	50.31 1.14 0.00	41.82 0.99 0.00	37.63 0.94 -1.61	37.61 0.52 -12.53	29.73 0.59 -1.85	26.60 0.51 -0.19
BETHLEHEM___GS3 323562	24.38 0.48 0.00	24.31 0.53 0.00	21.42 0.53 0.00	21.02 0.51 0.00	20.14 0.42 0.00	24.80 0.43 0.00	26.54 0.37 0.00	28.17 0.33 0.00	25.60 0.21 0.00	26.56 0.17 0.00	29.39 0.33 0.15	31.08 0.60 -0.85	37.55 0.62 -3.85	44.31 0.63 0.20	47.56 0.55 0.00	47.06 0.66 0.00	53.19 0.74 0.00	47.67 0.89 0.00	50.31 1.14 0.00	41.82 0.99 0.00	37.63 0.94 -1.61	37.61 0.52 -12.53	29.73 0.59 -1.85	26.60 0.51 -0.19
BETHLEHEM___STEEL 23779	23.23 -0.67 0.00	23.02 -0.76 0.00	20.11 -0.79 0.00	19.83 -0.68 0.00	19.23 -0.49 0.00	23.95 -0.42 0.00	25.67 -0.51 0.00	27.29 -0.55 0.00	24.87 -0.52 0.00	26.28 -0.11 0.00	29.58 0.37 0.00	30.15 0.52 0.00	33.59 0.51 0.00	43.85 -0.03 0.00	47.16 0.15 0.00	46.28 -0.12 0.00	51.72 -0.72 0.00	45.13 -1.64 0.00	47.06 -2.11 0.00	38.90 -1.92 0.00	33.14 -1.93 0.00	23.65 -0.91 0.00	26.70 -0.60 0.00	25.34 -0.57 0.00
BETHLHEM_115KV_TB1 79974	24.42 0.52 0.00	24.34 0.56 0.00	21.44 0.55 0.00	21.04 0.53 0.00	20.17 0.45 0.00	24.83 0.47 0.00	26.59 0.42 0.00	28.23 0.38 0.00	25.66 0.27 0.00	26.63 0.24 0.00	29.48 0.41 0.14	31.16 0.68 -0.85	37.65 0.72 -3.85	44.44 0.74 0.19	47.68 0.67 0.00	47.18 0.78 0.00	53.33 0.89 0.00	47.76 0.99 0.00	50.41 1.24 0.00	41.90 1.08 0.00	37.68 1.00 -1.60	37.55 0.57 -12.42	29.77 0.64 -1.83	26.63 0.54 -0.19
BETHPAGE_CC_5 323564	27.25 1.75 -1.60	27.18 1.79 -1.61	22.43 1.54 0.00	22.02 1.51 0.00	21.08 1.37 0.00	25.97 1.61 0.00	27.80 1.63 0.00	29.61 1.76 0.00	27.04 1.65 0.00	28.22 1.83 0.00	37.24 2.69 -5.34	40.92 3.15 -8.14	79.33 3.54 -42.71	58.01 4.31 -9.81	56.61 4.44 -5.16	54.32 4.63 -3.28	59.55 5.15 -1.96	155.89 4.68 -104.45	63.84 4.76 -9.90	44.60 3.78 0.00	46.13 3.32 -7.73	89.98 2.04 -63.38	38.99 2.20 -9.50	28.77 1.98 -0.88
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.29 -0.61 0.00	23.07 -0.71 0.00	20.14 -0.75 0.00	19.88 -0.64 0.00	19.27 -0.44 0.00	24.01 -0.35 0.00	25.74 -0.43 0.00	27.38 -0.47 0.00	24.95 -0.44 0.00	26.38 -0.01 0.00	29.70 0.49 0.00	30.26 0.63 0.00	33.72 0.64 0.00	44.05 0.17 0.00	47.36 0.35 0.00	46.48 0.07 0.00	51.93 -0.51 0.00	45.31 -1.46 0.00	47.27 -1.91 0.00	39.05 -1.77 0.00	33.27 -1.81 0.00	23.73 -0.83 0.00	26.78 -0.52 0.00	25.41 -0.50 0.00

BINGHAMTON___COGEN 23790	23.88 -0.02 0.00	23.70 -0.07 0.00	20.77 -0.12 0.00	20.45 -0.06 0.00	19.68 -0.03 0.00	24.45 0.08 0.00	26.28 0.11 0.00	27.99 0.15 0.00	25.58 0.19 0.00	26.71 0.32 0.00	29.89 0.68 0.00	30.47 0.84 0.00	33.94 0.87 0.00	44.86 0.98 0.00	48.22 0.94 -0.27	48.76 0.96 -1.39	55.23 1.09 -1.71	47.88 0.51 -0.60	50.72 0.53 -1.02	41.49 0.41 -0.26	35.21 0.13 0.00	24.79 0.23 0.00	27.53 0.24 0.00	26.03 0.12 0.00
BIXINCNT_115KV_LOAD 355685	23.29 -0.61 0.00	22.87 -0.91 0.00	19.90 -0.99 0.00	19.66 -0.85 0.00	19.12 -0.60 0.00	24.00 -0.37 0.00	25.91 -0.26 0.00	27.61 -0.24 0.00	25.23 -0.16 0.00	26.65 0.26 0.00	30.00 0.78 0.00	30.48 0.85 0.00	33.96 0.88 0.00	44.53 0.64 0.00	47.77 0.76 0.00	46.94 0.54 0.00	52.39 -0.05 0.00	45.72 -1.05 0.00	47.75 -1.43 0.00	39.41 -1.41 0.00	33.43 -1.65 0.00	23.92 -0.64 0.00	26.93 -0.36 0.00	25.59 -0.32 0.00
BLACK RIVER___HYD 24047	14.36 -1.19 8.36	16.94 -1.15 5.68	14.48 -1.02 5.39	19.65 -0.87 0.00	18.93 -0.79 0.00	23.39 -0.98 0.00	25.33 -0.84 0.00	27.00 -0.85 0.00	8.46 -0.56 16.37	25.67 -0.72 0.00	28.14 -1.07 0.00	28.60 -1.03 0.00	31.72 -1.36 0.00	40.32 -1.92 1.64	46.50 -1.11 -0.60	48.06 -1.40 -3.07	55.21 -0.99 -3.75	47.92 -0.17 -1.32	51.21 -0.20 -2.23	40.47 -0.92 -0.57	9.51 -0.92 24.65	25.01 0.45 -0.01	27.57 0.27 0.00	25.59 -0.32 0.00
BLACKRVR_115KV_TB2 79977	14.36 -1.19 8.36	16.94 -1.15 5.68	14.48 -1.02 5.39	19.65 -0.87 0.00	18.93 -0.79 0.00	23.39 -0.98 0.00	25.33 -0.84 0.00	27.00 -0.85 0.00	8.46 -0.56 16.37	25.67 -0.72 0.00	28.14 -1.07 0.00	28.60 -1.03 0.00	31.72 -1.36 0.00	40.32 -1.92 1.64	46.50 -1.11 -0.60	48.06 -1.40 -3.07	55.21 -0.99 -3.75	47.92 -0.17 -1.32	51.21 -0.20 -2.23	40.47 -0.92 -0.57	9.51 -0.92 24.65	25.01 0.44 -0.01	27.57 0.27 0.00	25.59 -0.32 0.00
BLISS_WT_PWR 323608	23.23 -0.67 0.00	22.75 -1.03 0.00	19.77 -1.13 0.00	19.54 -0.97 0.00	19.02 -0.70 0.00	23.93 -0.44 0.00	25.88 -0.30 0.00	27.57 -0.27 0.00	25.22 -0.17 0.00	26.65 0.26 0.00	30.00 0.79 0.00	30.52 0.90 0.00	34.02 0.93 0.00	44.55 0.66 0.00	47.79 0.78 0.00	46.96 0.56 0.00	52.39 -0.05 0.00	45.73 -1.04 0.00	47.75 -1.43 0.00	39.38 -1.44 0.00	33.37 -1.70 0.00	23.90 -0.66 0.00	26.90 -0.39 0.00	18.20 -0.35 7.35
BLUESTONE___WT_PWR 323821	23.43 -0.47 0.00	23.45 -0.33 0.00	20.65 -0.24 0.00	20.40 -0.11 0.00	19.77 0.05 0.00	24.83 0.47 0.00	26.94 0.76 0.00	28.92 1.08 0.00	26.61 1.22 0.00	27.74 1.36 0.00	30.71 1.49 0.00	31.30 1.68 0.00	34.93 1.85 0.00	45.82 1.94 0.00	49.16 1.92 -0.23	50.53 2.93 -1.20	57.93 4.01 -1.47	50.35 3.07 -0.52	53.67 3.62 -0.88	43.67 2.62 -0.22	36.35 1.27 0.00	25.80 1.24 0.00	28.90 1.60 0.00	28.22 1.32 -0.99
BLUE_CIRC_CHEM_DRP 24182	24.60 0.70 0.00	24.52 0.75 0.00	21.58 0.69 0.00	21.18 0.67 0.00	20.33 0.61 0.00	25.05 0.69 0.00	26.82 0.65 0.00	28.45 0.60 0.00	25.77 0.38 0.00	26.73 0.34 0.00	29.63 0.52 0.10	31.17 0.75 -0.79	37.42 0.77 -3.57	44.55 0.80 0.13	47.65 0.64 0.00	47.14 0.73 0.00	53.30 0.86 0.00	47.85 1.08 0.00	50.62 1.45 0.00	42.15 1.32 0.00	37.70 1.23 -1.39	36.08 0.76 -10.76	29.71 0.83 -1.59	26.80 0.73 -0.16
BOC_GAS_DRP 24189	24.46 0.56 0.00	24.35 0.57 0.00	21.43 0.54 0.00	21.03 0.52 0.00	20.18 0.46 0.00	24.88 0.51 0.00	26.67 0.49 0.00	28.32 0.47 0.00	25.78 0.39 0.00	26.79 0.40 0.00	29.69 0.57 0.10	31.33 0.84 -0.86	37.86 0.91 -3.88	44.75 1.00 0.13	47.95 0.94 0.00	47.44 1.04 0.00	53.57 1.13 0.00	47.92 1.15 0.00	50.56 1.39 0.00	42.02 1.19 0.00	37.69 1.10 -1.52	37.03 0.65 -11.81	29.75 0.71 -1.74	26.68 0.60 -0.18
BOONVILLE_115KV_TB1 79983	20.85 -0.08 2.97	21.68 -0.08 2.02	18.89 -0.08 1.92	20.51 0.00 0.00	19.73 0.01 0.00	24.39 0.03 0.00	26.32 0.15 0.00	28.08 0.23 0.00	16.80 0.30 8.90	26.69 0.30 0.00	29.49 0.27 0.00	29.90 0.27 0.00	33.37 0.29 0.00	43.63 0.33 0.58	47.79 0.61 -0.17	47.71 0.45 -0.86	54.38 0.88 -1.05	48.30 1.16 -0.37	51.00 1.20 -0.63	41.60 0.62 -0.16	52.79 0.38 -17.34	25.30 0.73 0.00	28.03 0.73 0.00	26.32 0.41 0.00
BORALEX_4TH_BRANCH 23824	25.29 1.39 0.00	25.21 1.43 0.00	22.18 1.29 0.00	21.76 1.24 0.00	20.85 1.14 0.00	25.65 1.29 0.00	27.47 1.29 0.00	29.09 1.24 0.00	26.33 0.94 0.00	27.28 0.90 0.00	29.74 0.91 0.38	31.76 1.31 -0.83	38.14 1.32 -3.74	44.89 1.52 0.51	48.51 1.50 0.00	47.92 1.52 0.00	54.09 1.65 0.00	48.82 2.05 0.00	51.97 2.80 0.00	43.16 2.34 0.00	39.18 2.14 -1.96	41.28 1.36 -15.35	31.13 1.57 -2.27	27.49 1.35 -0.23
BOWLINE___1 23526	25.22 1.32 0.00	24.97 1.19 0.00	21.93 1.04 0.00	21.52 1.01 0.00	20.64 0.92 0.00	25.49 1.12 0.00	27.38 1.21 0.00	29.15 1.30 0.00	26.63 1.24 0.00	27.74 1.35 0.00	31.20 1.82 -0.17	22.87 2.31 9.06	-5.36 2.61 41.04	47.23 3.13 -0.23	50.23 3.22 0.00	49.85 3.45 0.00	56.22 3.78 0.00	50.12 3.35 0.00	52.68 3.50 0.00	43.70 2.88 0.00	27.56 2.54 10.06	-55.22 1.56 81.35	16.77 1.70 12.23	26.30 1.51 1.12
BOWLINE___2 23595	25.22 1.32 0.00	24.97 1.19 0.00	21.93 1.04 0.00	21.53 1.02 0.00	20.64 0.92 0.00	25.49 1.12 0.00	27.38 1.21 0.00	29.16 1.32 0.00	26.65 1.26 0.00	27.78 1.39 0.00	31.26 1.88 -0.17	22.92 2.37 9.07	-5.34 2.66 41.08	47.32 3.21 -0.23	50.32 3.31 0.00	49.94 3.53 0.00	56.32 3.88 0.00	50.21 3.44 0.00	52.77 3.59 0.00	43.77 2.95 0.00	27.61 2.59 10.06	-55.23 1.60 81.39	16.79 1.73 12.23	26.31 1.52 1.12
BRADY___115KV_TB2 356060	-16.27 -0.32 39.85	-3.57 -0.23 27.11	-5.00 -0.18 25.72	20.35 -0.16 0.00	19.54 -0.18 0.00	24.15 -0.22 0.00	26.01 -0.17 0.00	27.55 -0.30 0.00	-56.29 -0.42 81.26	25.87 -0.51 0.00	28.31 -0.90 0.00	28.25 -1.37 0.00	31.51 -1.57 0.00	34.41 -1.63 7.83	45.56 -1.45 0.00	44.77 -1.63 0.00	50.97 -1.47 0.00	45.79 -0.99 0.00	48.01 -1.16 0.00	39.84 -0.98 0.00	26.44 -0.73 7.90	24.16 -0.40 0.00	26.84 -0.45 0.00	25.59 -0.32 0.00
BRANSCOMB___SOLAR 323811	25.21 1.30 0.00	25.00 1.23 0.00	21.97 1.08 0.00	21.57 1.05 0.00	20.67 0.96 0.00	25.54 1.17 0.00	27.44 1.27 0.00	29.09 1.25 0.00	26.39 0.99 0.00	27.43 1.04 0.00	30.14 1.12 0.20	31.77 1.37 -0.78	38.01 1.39 -3.54	45.42 1.80 0.26	48.82 1.81 0.00	48.19 1.78 0.00	54.56 2.12 0.00	49.25 2.48 0.00	52.20 3.02 0.00	43.43 2.61 0.00	38.96 2.30 -1.58	38.34 1.44 -12.34	30.72 1.60 -1.82	27.43 1.34 -0.19
BRENTWOD_69_KV_W. BRTWOOD 56703	27.40 1.90 -1.60	27.30 1.91 -1.61	22.53 1.64 0.00	22.14 1.63 0.00	21.18 1.46 0.00	26.09 1.72 0.00	27.92 1.75 0.00	29.76 1.91 0.00	27.13 1.74 0.00	28.30 1.91 0.00	37.44 2.89 -5.34	41.19 3.43 -8.14	78.15 3.77 -41.30	58.39 4.70 -9.81	56.89 4.72 -5.16	54.61 4.92 -3.29	58.94 5.16 -1.34	152.26 4.74 -100.76	66.17 4.85 -12.14	48.40 3.89 -3.69	46.31 3.50 -7.73	90.03 2.08 -63.38	39.04 2.25 -9.50	28.90 2.11 -0.88

BRISTLHL_115KV_TB1 79998	23.46 -0.44 0.00	23.33 -0.45 0.00	20.47 -0.42 0.00	20.11 -0.40 0.00	19.36 -0.35 0.00	23.96 -0.40 0.00	25.75 -0.42 0.00	27.40 -0.45 0.00	22.89 -0.39 2.10	26.06 -0.33 0.00	28.97 -0.24 0.00	29.48 -0.14 0.00	32.84 -0.24 0.00	43.34 -0.54 0.00	47.74 -0.59 -1.31	52.53 -0.60 -6.74	60.08 -0.61 -8.25	48.96 -0.71 -2.90	53.28 -0.80 -4.91	41.37 -0.71 -1.26	32.54 -0.69 1.85	24.21 -0.36 -0.02	26.89 -0.40 0.00	25.44 -0.47 0.00
BROOKHAVEN___DRP 24191	27.23 1.73 -1.60	27.12 1.73 -1.61	22.36 1.47 0.00	21.97 1.46 0.00	21.01 1.29 0.00	25.87 1.51 0.00	27.71 1.54 0.00	29.54 1.69 0.00	26.92 1.53 0.00	28.12 1.73 0.00	37.24 2.68 -5.34	41.05 3.28 -8.14	77.81 3.59 -41.13	58.18 4.48 -9.81	56.77 4.59 -5.16	54.54 4.85 -3.29	59.48 5.43 -1.62	154.15 4.97 -102.41	76.61 5.12 -22.31	65.28 4.07 -20.39	46.44 3.62 -7.74	90.09 2.15 -63.38	39.01 2.21 -9.50	28.77 1.98 -0.88
BROOKLYN_NAVY_YARD 23515	25.57 1.67 0.00	25.31 1.53 0.00	22.25 1.36 0.00	21.83 1.31 0.00	20.92 1.21 0.00	25.82 1.45 0.00	27.72 1.55 0.00	29.55 1.70 0.00	27.05 1.67 0.00	28.28 1.89 0.00	31.88 2.48 -0.18	39.28 3.05 -6.60	65.77 3.42 -29.27	48.23 4.10 -0.24	51.19 4.18 0.00	50.76 4.36 0.00	57.28 4.84 0.00	51.01 4.24 0.00	53.57 4.39 0.00	44.41 3.59 0.00	45.98 3.21 -7.70	89.70 2.00 -63.15	38.94 2.18 -9.46	28.72 1.94 -0.88
BROOKLYN___ARMY_DRP 323595	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
BROOKVLE_69_KV_TB1 55790	27.62 2.12 -1.60	27.48 2.09 -1.61	22.68 1.79 0.00	22.28 1.77 0.00	21.34 1.62 0.00	26.31 1.94 0.00	28.22 2.05 0.00	30.08 2.24 0.00	27.52 2.13 0.00	28.73 2.34 0.00	37.76 3.20 -5.34	41.55 3.79 -8.14	85.92 4.29 -48.55	58.88 5.18 -9.81	57.48 5.30 -5.16	55.17 5.48 -3.28	63.36 6.09 -4.83	173.86 5.47 -121.62	64.62 5.54 -9.90	45.24 4.41 0.00	46.67 3.86 -7.73	90.36 2.41 -63.38	39.36 2.57 -9.50	29.20 2.41 -0.88
BROOME_2_LFGE 323671	23.87 -0.03 0.00	23.70 -0.07 0.00	20.77 -0.12 0.00	20.45 -0.06 0.00	19.68 -0.03 0.00	24.45 0.08 0.00	26.28 0.11 0.00	27.99 0.15 0.00	25.58 0.19 0.00	26.71 0.32 0.00	29.89 0.67 0.00	30.47 0.84 0.00	33.95 0.87 0.00	44.87 0.98 0.00	48.22 0.94 -0.27	48.76 0.96 -1.39	55.23 1.08 -1.71	47.89 0.51 -0.60	50.72 0.53 -1.02	41.49 0.41 -0.26	35.21 0.13 0.00	24.79 0.22 0.00	27.53 0.23 0.00	27.02 0.12 -0.99
BROOME___LFGE 323600	23.87 -0.03 0.00	23.70 -0.07 0.00	20.77 -0.12 0.00	20.45 -0.06 0.00	19.68 -0.03 0.00	24.45 0.08 0.00	26.28 0.11 0.00	27.99 0.15 0.00	25.58 0.19 0.00	26.71 0.32 0.00	29.89 0.67 0.00	30.47 0.84 0.00	33.95 0.87 0.00	44.87 0.98 0.00	48.22 0.94 -0.27	48.76 0.96 -1.39	55.23 1.08 -1.71	47.89 0.51 -0.60	50.72 0.53 -1.02	41.49 0.41 -0.26	35.21 0.13 0.00	24.79 0.22 0.00	27.53 0.23 0.00	27.02 0.12 -0.99
BROWNFLS_115KV_TB_3_5 80003	-0.23 -0.99 23.14	7.20 -0.84 15.74	5.24 -0.72 14.93	19.89 -0.62 0.00	19.05 -0.66 0.00	23.60 -0.76 0.00	25.46 -0.71 0.00	27.00 -0.85 0.00	-17.37 -0.68 42.07	25.65 -0.74 0.00	28.15 -1.06 0.00	28.26 -1.36 0.00	31.36 -1.72 0.00	37.25 -2.08 4.55	45.61 -1.64 -0.24	45.74 -1.90 -1.24	52.21 -1.75 -1.52	46.27 -1.03 -0.53	48.88 -1.20 -0.91	39.65 -1.40 -0.23	8.97 -1.30 24.81	24.32 -0.24 0.00	26.97 -0.33 0.00	25.41 -0.50 0.00
BROWNSV1_27_KV_LOAD 356125	25.87 1.97 0.00	25.60 1.82 0.00	22.49 1.60 0.00	22.06 1.55 0.00	21.15 1.43 0.00	26.09 1.73 0.00	28.05 1.87 0.00	29.91 2.06 0.00	27.41 2.01 0.00	28.64 2.26 0.00	32.31 2.91 -0.18	39.73 3.50 -6.60	66.30 3.95 -29.27	48.91 4.78 -0.24	51.94 4.93 0.00	51.51 5.11 0.00	58.10 5.66 0.00	51.73 4.96 0.00	54.30 5.13 0.00	45.01 4.19 0.00	46.48 3.71 -7.70	90.05 2.35 -63.15	39.34 2.58 -9.46	29.09 2.30 -0.88
BURROWS___LYONSDAL 23803	18.76 -0.37 4.77	20.18 -0.35 3.24	17.49 -0.32 3.08	20.31 -0.21 0.00	19.53 -0.19 0.00	24.14 -0.23 0.00	26.08 -0.09 0.00	27.83 -0.01 0.00	13.75 0.11 11.75	26.47 0.09 0.00	29.20 -0.01 0.00	29.58 -0.05 0.00	32.97 -0.11 0.00	42.76 -0.18 0.94	47.43 0.21 -0.20	47.45 0.00 -1.05	54.13 0.41 -1.28	48.07 0.85 -0.45	50.79 0.85 -0.76	41.23 0.21 -0.19	35.07 -0.01 0.00	25.22 0.66 0.00	27.93 0.64 0.00	26.17 0.26 0.00
CAITHNESS_CC_1 323624	27.24 1.74 -1.60	27.12 1.73 -1.61	22.37 1.48 0.00	21.97 1.46 0.00	21.02 1.30 0.00	25.88 1.52 0.00	27.71 1.54 0.00	29.54 1.69 0.00	26.92 1.53 0.00	28.11 1.72 0.00	37.23 2.67 -5.34	41.02 3.26 -8.14	77.76 3.55 -41.13	58.13 4.43 -9.81	56.72 4.54 -5.16	54.48 4.79 -3.29	59.40 5.35 -1.61	154.01 4.88 -102.35	76.30 5.03 -22.09	64.87 4.01 -20.04	46.37 3.56 -7.74	90.05 2.11 -63.38	38.98 2.18 -9.50	28.75 1.96 -0.88
CALPINE BETH_PAGE_GT4 24209	27.28 1.78 -1.60	27.22 1.84 -1.61	22.47 1.58 0.00	22.06 1.55 0.00	21.12 1.41 0.00	26.03 1.66 0.00	27.87 1.70 0.00	29.66 1.82 0.00	27.09 1.70 0.00	28.28 1.89 0.00	37.29 2.74 -5.34	40.93 3.17 -8.14	80.04 3.56 -43.40	58.02 4.33 -9.81	56.64 4.47 -5.16	54.34 4.65 -3.28	59.89 5.16 -2.30	157.94 4.69 -106.48	63.85 4.77 -9.90	44.61 3.79 0.00	46.13 3.32 -7.73	90.00 2.06 -63.38	39.05 2.25 -9.50	28.82 2.03 -0.88
CALPINE_BETH_PAGE_GT_4 323586	27.29 1.79 -1.60	27.22 1.84 -1.61	22.47 1.58 0.00	22.07 1.55 0.00	21.12 1.40 0.00	26.02 1.65 0.00	27.87 1.70 0.00	29.66 1.82 0.00	27.09 1.70 0.00	28.28 1.89 0.00	37.30 2.74 -5.34	40.93 3.17 -8.14	80.03 3.55 -43.40	58.03 4.33 -9.81	56.64 4.47 -5.16	54.34 4.65 -3.28	59.90 5.16 -2.30	157.94 4.69 -106.48	63.85 4.77 -9.90	44.62 3.80 0.00	46.13 3.32 -7.73	90.00 2.05 -63.38	39.05 2.25 -9.50	28.82 2.03 -0.88
CALPINE_BP_GT1 23823	27.29 1.79 -1.60	27.22 1.84 -1.61	22.47 1.58 0.00	22.07 1.55 0.00	21.12 1.40 0.00	26.02 1.65 0.00	27.87 1.70 0.00	29.66 1.82 0.00	27.09 1.70 0.00	28.28 1.89 0.00	37.30 2.74 -5.34	40.93 3.17 -8.14	80.03 3.55 -43.40	58.03 4.33 -9.81	56.64 4.47 -5.16	54.34 4.65 -3.28	59.90 5.16 -2.30	157.94 4.69 -106.48	63.85 4.77 -9.90	44.62 3.80 0.00	46.13 3.32 -7.73	90.00 2.05 -63.38	39.05 2.25 -9.50	28.82 2.03 -0.88
CALSPAN___DRP 24200	23.23 -0.67 0.00	23.02 -0.76 0.00	20.11 -0.79 0.00	19.83 -0.68 0.00	19.23 -0.49 0.00	23.95 -0.42 0.00	25.67 -0.51 0.00	27.29 -0.55 0.00	24.87 -0.52 0.00	26.28 -0.11 0.00	29.58 0.37 0.00	30.15 0.52 0.00	33.59 0.51 0.00	43.85 -0.03 0.00	47.16 0.15 0.00	46.28 -0.12 0.00	51.72 -0.72 0.00	45.13 -1.64 0.00	47.06 -2.11 0.00	38.90 -1.92 0.00	33.14 -1.93 0.00	23.65 -0.91 0.00	26.70 -0.60 0.00	25.34 -0.57 0.00

CALVERTON___SOLAR 323806	27.25 1.75 -1.60	27.13 1.74 -1.61	22.37 1.48 0.00	21.97 1.46 0.00	21.01 1.30 0.00	25.87 1.51 0.00	27.71 1.54 0.00	29.54 1.70 0.00	26.94 1.55 0.00	28.14 1.76 0.00	37.28 2.72 -5.34	41.10 3.34 -8.14	77.86 3.65 -41.14	58.27 4.58 -9.81	56.84 4.67 -5.16	54.64 4.95 -3.29	59.61 5.55 -1.62	154.30 5.09 -102.43	76.81 5.24 -22.39	65.51 4.16 -20.53	46.53 3.71 -7.74	90.14 2.20 -63.38	39.06 2.27 -9.50	28.80 2.01 -0.88
CANDIGU_WT_PWR 323617	23.08 -0.83 0.00	22.85 -0.93 0.00	19.84 -1.05 0.00	19.52 -0.98 0.00	18.90 -0.82 0.00	23.69 -0.68 0.00	25.57 -0.60 0.00	27.49 -0.35 0.00	25.11 -0.28 0.00	26.39 0.00 0.00	29.80 0.58 0.00	30.36 0.73 0.00	33.73 0.65 0.00	44.50 0.62 0.00	47.81 0.65 -0.15	47.88 0.70 -0.77	53.88 0.49 -0.95	46.56 -0.55 -0.33	49.10 -0.63 -0.56	40.34 -0.62 -0.14	34.12 -0.95 0.00	24.14 -0.42 0.00	27.05 -0.24 0.00	29.49 -0.27 -3.85
CARR STREET_E_SYR 24060	23.60 -0.30 0.00	23.46 -0.32 0.00	20.58 -0.32 0.00	20.22 -0.29 0.00	19.47 -0.25 0.00	24.10 -0.26 0.00	25.90 -0.28 0.00	27.58 -0.27 0.00	23.50 -0.19 1.70	26.28 -0.10 0.00	29.25 0.04 0.00	29.81 0.19 0.00	33.23 0.15 0.00	43.80 -0.08 0.00	47.31 -0.09 -0.39	48.40 -0.02 -2.02	54.84 -0.07 -2.47	47.33 -0.31 -0.87	50.24 -0.40 -1.47	40.81 -0.39 -0.38	34.64 -0.44 0.00	24.36 -0.20 -0.01	27.13 -0.17 0.00	25.65 -0.25 0.00
CARTHAGE___PAPER 23857	13.11 -0.98 9.81	16.18 -0.92 6.68	13.74 -0.82 6.33	19.85 -0.66 0.00	19.11 -0.61 0.00	23.62 -0.74 0.00	25.59 -0.58 0.00	27.27 -0.58 0.00	5.94 -0.35 19.10	25.87 -0.51 0.00	28.37 -0.85 0.00	28.69 -0.93 0.00	31.87 -1.21 0.00	40.34 -1.61 1.93	46.69 -0.83 -0.50	47.83 -1.16 -2.58	54.94 -0.66 -3.16	47.99 0.11 -1.11	51.12 0.07 -1.88	40.65 -0.65 -0.48	5.33 -0.73 29.03	25.10 0.53 -0.01	27.69 0.40 0.00	25.79 -0.12 0.00
CASSADAGA_WT_PWR 323784	23.19 -0.71 0.00	22.99 -0.79 0.00	20.00 -0.89 0.00	19.74 -0.77 0.00	19.20 -0.51 0.00	24.32 -0.04 0.00	26.43 0.26 0.00	28.22 0.38 0.00	25.85 0.46 0.00	27.33 0.94 0.00	30.99 1.78 0.00	31.59 1.97 0.00	35.22 2.14 0.00	46.28 2.40 0.00	49.58 2.57 0.00	48.55 2.15 0.00	54.28 1.84 0.00	47.13 0.36 0.00	49.31 0.14 0.00	40.12 -0.70 0.00	34.23 -0.85 0.00	24.46 -0.10 0.00	27.66 0.37 0.00	21.64 0.26 4.53
CE_DUNWOOD___DRP 24194	25.39 1.49 0.00	25.15 1.37 0.00	22.10 1.21 0.00	21.69 1.18 0.00	20.80 1.08 0.00	25.67 1.30 0.00	27.56 1.38 0.00	29.35 1.51 0.00	26.85 1.46 0.00	28.01 1.62 0.00	31.56 2.17 -0.18	38.66 2.68 -6.36	64.88 3.02 -28.78	47.77 3.64 -0.24	50.74 3.72 0.00	50.32 3.92 0.00	56.77 4.33 0.00	50.61 3.84 0.00	53.21 4.03 0.00	44.11 3.29 0.00	45.91 2.90 -7.93	91.45 1.81 -65.08	39.01 1.96 -9.76	28.52 1.72 -0.90
CE_MILLWOOD___DRP 24193	25.34 1.43 0.00	25.09 1.32 0.00	22.05 1.16 0.00	21.64 1.12 0.00	20.75 1.03 0.00	25.60 1.24 0.00	27.49 1.32 0.00	29.28 1.44 0.00	26.78 1.39 0.00	27.93 1.54 0.00	31.45 2.06 -0.18	38.84 2.57 -6.64	66.05 2.90 -30.07	47.61 3.48 -0.24	50.58 3.57 0.00	50.18 3.78 0.00	56.61 4.17 0.00	50.47 3.70 0.00	53.06 3.89 0.00	44.00 3.18 0.00	45.96 2.82 -8.06	114.27 1.74 -87.97	42.98 1.87 -13.81	28.47 1.65 -0.91
CE_NYC2_DRP 24202	25.59 1.69 0.00	25.35 1.57 0.00	22.30 1.40 0.00	21.87 1.36 0.00	20.97 1.26 0.00	25.85 1.48 0.00	27.78 1.61 0.00	29.63 1.78 0.00	27.14 1.75 0.00	28.35 1.96 0.00	32.29 2.58 -0.50	40.77 3.13 -8.01	65.87 3.46 -29.33	48.21 4.09 -0.24	51.12 4.10 0.00	50.68 4.28 0.00	57.17 4.73 0.00	50.92 4.15 0.00	53.45 4.28 0.00	44.39 3.57 0.00	46.00 3.23 -7.69	89.72 2.02 -63.14	38.99 2.24 -9.46	28.77 1.98 -0.88
CE_NYC_DRP 24195	25.58 1.68 0.00	25.34 1.56 0.00	22.26 1.37 0.00	21.84 1.33 0.00	20.94 1.23 0.00	25.83 1.47 0.00	27.74 1.57 0.00	29.57 1.73 0.00	27.09 1.70 0.00	28.30 1.91 0.00	31.91 2.51 -0.18	39.31 3.09 -6.60	65.82 3.48 -29.25	48.28 4.15 -0.24	51.24 4.23 0.00	50.82 4.41 0.00	57.32 4.88 0.00	51.04 4.27 0.00	53.61 4.44 0.00	44.43 3.61 0.00	45.99 3.22 -7.70	89.71 2.00 -63.15	38.97 2.21 -9.46	28.75 1.97 -0.88
CHAFFEE___LFGE 323603	23.37 -0.54 0.00	23.14 -0.64 0.00	20.21 -0.68 0.00	19.93 -0.58 0.00	19.32 -0.39 0.00	24.07 -0.30 0.00	25.82 -0.35 0.00	27.46 -0.39 0.00	25.03 -0.36 0.00	26.45 0.06 0.00	29.78 0.57 0.00	30.35 0.72 0.00	33.80 0.72 0.00	44.12 0.24 0.00	47.46 0.45 0.00	46.58 0.18 0.00	52.06 -0.38 0.00	45.42 -1.36 0.00	47.38 -1.80 0.00	39.13 -1.69 0.00	33.35 -1.72 0.00	23.84 -0.72 0.00	26.89 -0.41 0.00	19.15 -0.41 6.34
CHATEAUG_35_KV_LOAD 355732	-20.00 -0.81 43.09	-6.38 -0.84 29.31	-7.71 -0.80 27.81	19.81 -0.70 0.00	19.10 -0.61 0.00	23.82 -0.55 0.00	25.78 -0.39 0.00	27.69 -0.16 0.00	19.50 -0.17 5.72	25.80 -0.59 0.00	28.28 -0.93 0.00	28.17 -1.45 0.00	31.50 -1.57 0.00	33.89 -1.52 8.47	45.59 -1.42 0.00	45.06 -1.35 0.00	51.21 -1.23 0.00	45.87 -0.90 0.00	48.15 -1.03 0.00	40.33 -0.49 0.00	29.88 -0.56 4.63	24.24 -0.32 0.00	26.87 -0.42 0.00	25.15 -0.75 0.00
CHATEAUG_WT_PWR 323614	-20.94 -0.90 43.95	-7.06 -0.94 29.90	-8.34 -0.88 28.36	19.75 -0.76 0.00	19.06 -0.66 0.00	23.80 -0.57 0.00	25.77 -0.40 0.00	27.69 -0.16 0.00	25.23 -0.17 0.00	25.86 -0.53 0.00	28.37 -0.84 0.00	28.27 -1.35 0.00	31.62 -1.46 0.00	33.79 -1.45 8.64	45.72 -1.29 0.00	45.24 -1.16 0.00	51.42 -1.02 0.00	46.02 -0.75 0.00	48.27 -0.90 0.00	40.40 -0.41 0.00	30.83 -0.48 3.76	24.28 -0.28 0.00	26.94 -0.36 0.00	25.14 -0.77 0.00
CHAT_HIGH_FALL_HYD 323578	-20.00 -0.81 43.09	-6.38 -0.84 29.31	-7.71 -0.80 27.81	19.81 -0.70 0.00	19.10 -0.61 0.00	23.82 -0.55 0.00	25.78 -0.39 0.00	27.69 -0.16 0.00	19.50 -0.17 5.72	25.80 -0.59 0.00	28.28 -0.93 0.00	28.17 -1.45 0.00	31.50 -1.57 0.00	33.89 -1.52 8.47	45.59 -1.42 0.00	45.06 -1.35 0.00	51.21 -1.23 0.00	45.87 -0.90 0.00	48.15 -1.03 0.00	40.33 -0.49 0.00	29.88 -0.56 4.63	24.24 -0.32 0.00	26.87 -0.42 0.00	25.15 -0.75 0.00
CHAUTAUQUA___LFGE 323629	23.22 -0.68 0.00	23.01 -0.76 0.00	20.05 -0.85 0.00	19.78 -0.73 0.00	19.20 -0.52 0.00	24.17 -0.20 0.00	26.09 -0.08 0.00	27.81 -0.04 0.00	25.39 0.00 0.00	26.81 0.42 0.00	30.35 1.13 0.00	30.93 1.30 0.00	34.47 1.39 0.00	45.28 1.40 0.00	48.52 1.51 0.00	47.60 1.20 0.00	53.27 0.83 0.00	46.32 -0.45 0.00	48.44 -0.74 0.00	39.59 -1.23 0.00	33.73 -1.35 0.00	24.11 -0.45 0.00	27.14 -0.15 0.00	20.49 -0.23 5.19
CHERRYST_13_KV_LD 356241	25.66 1.76 0.00	25.41 1.63 0.00	22.32 1.43 0.00	21.90 1.39 0.00	21.00 1.29 0.00	25.92 1.56 0.00	27.85 1.68 0.00	29.69 1.85 0.00	27.20 1.81 0.00	28.43 2.04 0.00	32.04 2.65 -0.18	39.49 3.26 -6.60	66.02 3.69 -29.25	48.51 4.39 -0.24	51.49 4.47 0.00	51.09 4.69 0.00	57.63 5.19 0.00	51.31 4.54 0.00	53.87 4.69 0.00	44.64 3.82 0.00	46.18 3.40 -7.70	89.84 2.13 -63.15	39.08 2.32 -9.46	28.84 2.05 -0.88

CHESTROR_138KV_BK263 355645	25.07 1.16 0.00	24.83 1.05 0.00	21.81 0.92 0.00	21.41 0.90 0.00	20.54 0.82 0.00	25.36 0.99 0.00	27.23 1.06 0.00	29.00 1.15 0.00	26.50 1.11 0.00	27.61 1.22 0.00	31.01 1.64 -0.15	26.17 2.09 5.54	10.35 2.37 25.10	46.95 2.87 -0.20	49.97 2.96 0.00	49.56 3.16 0.00	55.96 3.52 0.00	49.89 3.12 0.00	52.49 3.31 0.00	43.56 2.74 0.00	30.03 2.38 7.43	-35.45 1.45 61.46	19.61 1.55 9.22	26.40 1.34 0.85
CH_MIDHUDSON___DRP 24192	25.30 1.40 0.00	25.07 1.29 0.00	22.04 1.15 0.00	21.62 1.11 0.00	20.74 1.02 0.00	25.60 1.23 0.00	27.46 1.29 0.00	29.22 1.38 0.00	26.70 1.31 0.00	27.83 1.45 0.00	31.26 1.92 -0.13	33.13 2.41 -1.10	40.78 2.73 -4.97	47.40 3.35 -0.17	50.48 3.47 0.00	50.09 3.69 0.00	56.58 4.14 0.00	50.50 3.73 0.00	53.17 4.00 0.00	44.09 3.27 0.00	40.86 2.84 -2.94	51.60 1.76 -25.28	32.93 1.86 -3.77	27.87 1.60 -0.36
CH_MISC_IPPS 23765	25.46 1.56 0.00	25.21 1.44 0.00	22.15 1.25 0.00	21.73 1.22 0.00	20.84 1.13 0.00	25.73 1.37 0.00	27.62 1.45 0.00	29.42 1.58 0.00	26.90 1.51 0.00	28.06 1.67 0.00	31.55 2.20 -0.14	32.44 2.71 -0.10	36.64 3.09 -0.48	47.92 3.86 -0.19	51.03 4.02 0.00	50.66 4.26 0.00	57.24 4.80 0.00	51.06 4.29 0.00	53.72 4.54 0.00	44.54 3.72 0.00	41.29 3.22 -2.98	53.62 2.11 -26.95	33.52 2.21 -4.02	28.20 1.91 -0.39
CH_RES_BVR_FALLS 23983	-44.96 -0.42 68.43	-23.45 -0.67 46.56	-23.89 -0.62 44.16	19.96 -0.55 0.00	19.20 -0.52 0.00	23.68 -0.68 0.00	25.61 -0.56 0.00	27.33 -0.52 0.00	27.96 -0.46 -3.04	25.87 -0.52 0.00	28.48 -0.73 0.00	28.62 -1.01 0.00	31.92 -1.15 0.00	29.14 -1.28 13.45	45.92 -1.09 0.00	45.08 -1.32 0.00	51.05 -1.39 0.00	45.86 -0.91 0.00	47.90 -1.27 0.00	39.57 -1.25 0.00	32.88 -0.88 1.32	24.18 -0.38 0.00	26.85 -0.44 0.00	25.46 -0.45 0.00
CH_RES_NIAGARA 23895	22.58 -1.32 0.00	22.43 -1.35 0.00	19.66 -1.24 0.00	19.39 -1.12 0.00	18.80 -0.92 0.00	23.31 -1.06 0.00	24.85 -1.32 0.00	26.31 -1.54 0.00	23.88 -1.51 0.00	25.24 -1.14 0.00	28.27 -0.95 0.00	28.74 -0.89 0.00	32.02 -1.06 0.00	41.43 -2.44 0.01	44.68 -2.33 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.54 -4.64 0.00	36.93 -3.88 0.00	31.57 -3.51 0.00	22.58 -1.97 0.00	25.71 -1.58 0.00	24.53 -1.38 0.00
CH_RES_SYRACUSE 23985	23.79 -0.11 0.00	23.65 -0.13 0.00	20.73 -0.16 0.00	20.38 -0.13 0.00	19.63 -0.09 0.00	24.30 -0.06 0.00	26.13 -0.04 0.00	27.81 -0.04 0.00	23.85 0.00 1.54	26.48 0.09 0.00	29.48 0.26 0.00	30.05 0.42 0.00	33.48 0.40 0.00	44.14 0.25 0.00	48.02 0.29 -0.72	50.45 0.38 -3.67	57.31 0.37 -4.50	48.43 0.08 -1.58	51.87 0.02 -2.68	41.48 -0.02 -0.68	34.94 -0.14 0.00	24.55 -0.02 -0.01	27.28 -0.02 0.00	25.79 -0.12 0.00
CLINTON_WT_PWR 323605	-20.94 -0.90 43.95	-7.06 -0.94 29.90	-8.34 -0.88 28.36	19.75 -0.76 0.00	19.06 -0.66 0.00	23.80 -0.57 0.00	25.77 -0.40 0.00	27.69 -0.16 0.00	25.23 -0.17 0.00	25.86 -0.53 0.00	28.37 -0.84 0.00	28.27 -1.35 0.00	31.62 -1.46 0.00	33.79 -1.45 8.64	45.72 -1.29 0.00	45.24 -1.16 0.00	51.42 -1.02 0.00	46.02 -0.75 0.00	48.27 -0.90 0.00	40.40 -0.41 0.00	30.83 -0.48 3.76	24.28 -0.28 0.00	26.94 -0.36 0.00	25.14 -0.77 0.00
CLINTON___LFGE 323618	-20.44 -0.62 43.72	-6.67 -0.70 29.75	-8.02 -0.70 28.21	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.11 -0.07 0.00	28.07 0.23 0.00	24.21 0.17 1.36	26.12 -0.27 0.00	28.67 -0.54 0.00	28.58 -1.05 0.00	31.97 -1.11 0.00	34.36 -0.93 8.60	46.33 -0.69 0.00	45.80 -0.61 0.00	52.08 -0.36 0.00	46.74 -0.03 0.00	49.06 -0.12 0.00	41.16 0.34 0.00	31.18 0.09 3.99	24.60 0.04 0.00	27.31 0.01 0.00	25.44 -0.47 0.00
COBBLENY_34_KV_TB1 80064	23.36 -0.54 0.00	23.14 -0.64 0.00	20.22 -0.68 0.00	19.93 -0.58 0.00	19.32 -0.39 0.00	24.07 -0.30 0.00	25.81 -0.37 0.00	27.46 -0.39 0.00	25.03 -0.36 0.00	26.45 0.06 0.00	29.78 0.57 0.00	30.31 0.68 0.00	33.76 0.68 0.00	44.12 0.24 0.00	47.46 0.45 0.00	46.59 0.18 0.00	52.06 -0.37 0.00	45.41 -1.36 0.00	47.37 -1.81 0.00	39.15 -1.68 0.00	33.34 -1.74 0.00	23.83 -0.73 0.00	26.88 -0.41 0.00	25.50 -0.41 0.00
COFFEEN___115KV_TB3 355620	14.77 -1.03 8.10	17.27 -1.00 5.51	14.77 -0.90 5.22	19.76 -0.75 0.00	19.04 -0.68 0.00	23.54 -0.82 0.00	25.50 -0.67 0.00	27.16 -0.69 0.00	9.06 -0.45 15.88	25.75 -0.64 0.00	28.23 -0.99 0.00	28.73 -0.89 0.00	31.85 -1.23 0.00	40.53 -1.76 1.59	46.71 -0.91 -0.61	48.31 -1.25 -3.15	55.60 -0.69 -3.86	48.23 0.11 -1.35	51.66 0.19 -2.30	40.85 -0.56 -0.59	10.62 -0.59 23.87	25.19 0.62 -0.01	27.74 0.45 0.00	25.75 -0.16 0.00
COLDSPRG_115KV_BK1 355956	23.80 -0.10 0.00	23.57 -0.21 0.00	20.53 -0.37 0.00	20.26 -0.25 0.00	19.66 -0.06 0.00	24.76 0.40 0.00	26.82 0.64 0.00	28.64 0.80 0.00	26.22 0.83 0.00	27.69 1.30 0.00	31.32 2.11 0.00	31.82 2.19 0.00	35.46 2.38 0.00	46.68 2.80 0.00	50.00 2.98 0.00	48.97 2.57 0.00	54.66 2.23 0.00	47.49 0.72 0.00	49.68 0.50 0.00	40.64 -0.18 0.00	34.60 -0.48 0.00	24.70 0.14 0.00	28.32 1.03 0.00	26.93 1.02 0.00
COLONIE_LFGE___ 323577	24.92 1.02 0.00	24.79 1.01 0.00	21.80 0.91 0.00	21.39 0.88 0.00	20.52 0.80 0.00	25.29 0.93 0.00	27.12 0.95 0.00	28.76 0.92 0.00	26.12 0.73 0.00	27.13 0.74 0.00	29.82 0.83 0.23	31.59 1.15 -0.81	37.96 1.22 -3.67	45.00 1.43 0.31	48.45 1.44 0.00	47.88 1.47 0.00	54.09 1.66 0.00	48.66 1.89 0.00	51.50 2.32 0.00	42.77 1.95 0.00	38.52 1.76 -1.68	38.78 1.08 -13.14	30.45 1.22 -1.94	27.13 1.02 -0.20
COOPERNY_115KV_TB1 80082	24.71 0.80 0.00	24.50 0.72 0.00	21.52 0.63 0.00	21.13 0.61 0.00	20.28 0.57 0.00	25.06 0.70 0.00	26.92 0.75 0.00	28.66 0.81 0.00	26.18 0.79 0.00	27.27 0.88 0.00	30.50 1.20 -0.09	28.98 1.54 2.18	24.94 1.73 9.86	46.08 2.07 -0.12	49.12 2.11 0.00	48.67 2.27 0.00	54.98 2.54 0.00	48.99 2.22 0.00	51.53 2.35 0.00	42.77 1.94 0.00	33.15 1.69 3.61	-4.55 1.06 30.17	23.89 1.11 4.52	26.44 0.95 0.42
COPENHAGEN_WT_PWR 323753	14.84 -1.42 7.64	17.20 -1.38 5.20	14.74 -1.22 4.93	19.47 -1.05 0.00	18.76 -0.96 0.00	23.15 -1.21 0.00	25.09 -1.08 0.00	26.78 -1.07 0.00	9.65 -0.71 15.02	25.54 -0.84 0.00	28.01 -1.20 0.00	28.46 -1.17 0.00	31.56 -1.52 0.00	40.21 -2.17 1.50	46.30 -1.35 -0.64	48.10 -1.61 -3.30	55.14 -1.34 -4.05	47.72 -0.47 -1.42	50.98 -0.60 -2.41	40.09 -1.35 -0.62	11.31 -1.28 22.49	24.91 0.34 -0.01	27.45 0.15 0.00	25.42 -0.49 0.00
CORNELL_____ 23752	24.20 0.30 0.00	24.02 0.24 0.00	21.06 0.17 0.00	20.71 0.20 0.00	19.95 0.24 0.00	24.76 0.39 0.00	26.62 0.45 0.00	28.42 0.57 0.00	26.11 0.72 0.00	27.18 0.79 0.00	30.22 1.00 0.00	30.76 1.13 0.00	34.13 1.05 0.00	44.94 1.05 0.00	48.50 1.11 -0.38	49.64 1.28 -1.95	56.74 1.91 -2.39	49.00 1.39 -0.84	52.05 1.46 -1.42	42.33 1.14 -0.36	35.84 0.77 0.00	25.23 0.66 0.00	27.97 0.68 0.00	26.41 0.50 0.00

CORONA V_69_KV_TB1 355595	27.40 1.90 -1.60	27.24 1.85 -1.61	22.48 1.59 0.00	22.07 1.56 0.00	21.14 1.42 0.00	26.06 1.69 0.00	27.94 1.76 0.00	29.78 1.94 0.00	27.23 1.84 0.00	28.43 2.05 0.00	37.41 2.86 -5.34	41.20 3.44 -8.14	81.20 3.83 -44.29	58.32 4.62 -9.81	56.93 4.76 -5.16	54.55 4.85 -3.28	60.64 5.47 -2.73	160.76 4.90 -109.08	63.97 4.89 -9.90	44.85 4.02 0.00	46.45 3.65 -7.73	90.23 2.28 -63.38	39.24 2.44 -9.50	29.00 2.21 -0.88
CORTLAND_115KV_TB3 80093	24.11 0.21 0.00	23.94 0.16 0.00	21.00 0.11 0.00	20.64 0.13 0.00	19.88 0.16 0.00	24.65 0.28 0.00	26.52 0.35 0.00	28.27 0.43 0.00	24.52 0.47 1.34	26.91 0.53 0.00	29.94 0.73 0.00	30.50 0.87 0.00	33.96 0.88 0.00	44.78 0.90 0.00	48.30 0.91 -0.38	49.31 0.98 -1.93	56.25 1.45 -2.36	48.66 1.06 -0.83	51.70 1.12 -1.41	42.06 0.87 -0.36	35.66 0.58 0.00	25.07 0.51 0.00	27.81 0.52 0.00	26.27 0.36 0.00
COXSACKIE__GT 23611	25.55 1.65 0.00	25.47 1.69 0.00	22.40 1.51 0.00	21.97 1.46 0.00	21.06 1.35 0.00	25.99 1.62 0.00	27.88 1.71 0.00	29.57 1.72 0.00	26.73 1.34 0.00	27.56 1.17 0.00	30.54 1.40 0.07	31.33 1.75 0.05	34.88 2.02 0.22	46.31 2.52 0.09	49.36 2.35 0.00	48.96 2.56 0.00	55.40 2.96 0.00	50.10 3.33 0.00	53.36 4.19 0.00	44.63 3.81 0.00	39.20 3.28 -0.84	33.92 2.11 -7.25	30.57 2.20 -1.07	27.91 1.89 -0.11
CPV_VALLEY__CC1 323721	24.87 0.96 0.00	24.64 0.86 0.00	21.65 0.76 0.00	21.25 0.74 0.00	20.38 0.67 0.00	25.17 0.80 0.00	27.03 0.86 0.00	28.78 0.93 0.00	26.29 0.90 0.00	27.40 1.01 0.00	30.72 1.38 -0.13	28.02 1.80 3.40	19.69 2.03 15.41	46.47 2.42 -0.17	49.47 2.46 0.00	49.07 2.66 0.00	55.38 2.94 0.00	49.37 2.60 0.00	51.92 2.74 0.00	43.09 2.27 0.00	31.45 1.99 5.62	-21.03 1.23 46.82	21.58 1.30 7.01	26.36 1.11 0.66
CPV_VALLEY__CC2 323722	24.87 0.96 0.00	24.64 0.86 0.00	21.65 0.76 0.00	21.25 0.74 0.00	20.38 0.67 0.00	25.17 0.80 0.00	27.03 0.86 0.00	28.78 0.93 0.00	26.29 0.90 0.00	27.40 1.01 0.00	30.72 1.38 -0.13	28.02 1.80 3.40	19.69 2.03 15.41	46.47 2.42 -0.17	49.47 2.46 0.00	49.07 2.66 0.00	55.38 2.94 0.00	49.37 2.60 0.00	51.92 2.74 0.00	43.09 2.27 0.00	31.45 1.99 5.62	-21.03 1.23 46.82	21.58 1.30 7.01	26.36 1.11 0.66
CRESCENT__HYD 24018	24.92 1.02 0.00	24.79 1.01 0.00	21.80 0.91 0.00	21.39 0.88 0.00	20.52 0.80 0.00	25.29 0.93 0.00	27.12 0.95 0.00	28.76 0.92 0.00	26.12 0.73 0.00	27.13 0.74 0.00	29.82 0.83 0.23	31.59 1.15 -0.81	37.96 1.22 -3.67	45.00 1.43 0.31	48.45 1.44 0.00	47.88 1.47 0.00	54.09 1.66 0.00	48.66 1.89 0.00	51.50 2.32 0.00	42.77 1.95 0.00	38.52 1.76 -1.68	38.78 1.08 -13.14	30.45 1.22 -1.94	27.13 1.02 -0.20
CRICKET__VALLEY_CC1 323756	25.03 1.13 0.00	24.82 1.04 0.00	21.85 0.95 0.00	21.44 0.93 0.00	20.57 0.86 0.00	25.37 1.00 0.00	27.13 0.96 0.00	28.85 1.01 0.00	26.30 0.91 0.00	27.35 0.96 0.00	28.01 1.32 2.53	31.92 1.78 -0.52	37.38 1.97 -2.34	42.85 2.34 3.37	49.38 2.37 0.00	49.07 2.66 0.00	55.38 2.94 0.00	49.56 2.79 0.00	52.33 3.16 0.00	43.42 2.60 0.00	42.08 2.26 -4.73	65.62 1.34 -39.72	34.64 1.42 -5.93	27.66 1.19 -0.57
CRICKET__VALLEY_CC2 323757	25.03 1.13 0.00	24.82 1.04 0.00	21.85 0.95 0.00	21.44 0.93 0.00	20.57 0.86 0.00	25.37 1.00 0.00	27.13 0.96 0.00	28.85 1.01 0.00	26.30 0.91 0.00	27.35 0.96 0.00	28.01 1.32 2.53	31.92 1.78 -0.52	37.38 1.97 -2.34	42.85 2.34 3.37	49.38 2.37 0.00	49.07 2.66 0.00	55.38 2.94 0.00	49.56 2.79 0.00	52.33 3.16 0.00	43.42 2.60 0.00	42.08 2.26 -4.73	65.62 1.34 -39.72	34.64 1.42 -5.93	27.66 1.19 -0.57
CRICKET__VALLEY_CC3 323758	25.03 1.13 0.00	24.82 1.04 0.00	21.85 0.95 0.00	21.44 0.93 0.00	20.57 0.86 0.00	25.37 1.00 0.00	27.13 0.96 0.00	28.85 1.01 0.00	26.30 0.91 0.00	27.35 0.96 0.00	28.01 1.32 2.53	31.92 1.78 -0.52	37.38 1.97 -2.34	42.85 2.34 3.37	49.38 2.37 0.00	49.07 2.66 0.00	55.38 2.94 0.00	49.56 2.79 0.00	52.33 3.16 0.00	43.42 2.60 0.00	42.08 2.26 -4.73	65.62 1.34 -39.72	34.64 1.42 -5.93	27.66 1.19 -0.57
CRUCIBLE_METL_DRP 24180	23.79 -0.11 0.00	23.65 -0.13 0.00	20.74 -0.16 0.00	20.38 -0.13 0.00	19.63 -0.09 0.00	24.30 -0.07 0.00	26.13 -0.04 0.00	27.81 -0.04 0.00	23.85 0.00 1.54	26.48 0.09 0.00	29.48 0.26 0.00	30.05 0.42 0.00	33.48 0.40 0.00	44.13 0.25 0.00	48.02 0.29 -0.72	50.45 0.38 -3.67	57.31 0.37 -4.50	48.43 0.08 -1.58	51.87 0.02 -2.68	41.48 -0.02 -0.68	34.93 -0.15 0.00	24.55 -0.03 -0.01	27.28 -0.02 0.00	25.79 -0.12 0.00
DAHOWA__HYDRO 323763	25.31 1.41 0.00	25.08 1.30 0.00	22.02 1.13 0.00	21.63 1.12 0.00	20.72 1.00 0.00	25.62 1.25 0.00	27.55 1.38 0.00	29.21 1.37 0.00	26.48 1.09 0.00	27.55 1.16 0.00	30.23 1.21 0.19	31.87 1.46 -0.78	38.07 1.47 -3.52	45.58 1.95 0.25	48.96 1.95 0.00	48.33 1.92 0.00	54.73 2.29 0.00	49.44 2.66 0.00	52.44 3.27 0.00	43.63 2.81 0.00	39.12 2.48 -1.56	38.30 1.55 -12.18	30.82 1.73 -1.80	27.54 1.45 -0.18
DANC__LFGE 323619	17.73 -1.04 5.13	19.27 -1.02 3.49	16.67 -0.92 3.31	19.71 -0.80 0.00	18.98 -0.74 0.00	23.45 -0.92 0.00	25.31 -0.87 0.00	26.97 -0.88 0.00	14.44 -0.64 10.31	25.70 -0.69 0.00	28.35 -0.86 0.00	28.83 -0.79 0.00	32.02 -1.06 0.00	41.28 -1.59 1.01	46.71 -1.11 -0.81	49.29 -1.25 -4.14	56.38 -1.13 -5.07	47.90 -0.65 -1.78	51.43 -0.76 -3.02	40.44 -1.16 -0.77	19.03 -1.10 14.95	24.62 0.05 -0.01	27.24 -0.05 0.00	25.44 -0.46 0.00
DANSKAMMER__1 23586	25.46 1.56 0.00	25.21 1.44 0.00	22.15 1.25 0.00	21.73 1.22 0.00	20.84 1.13 0.00	25.73 1.37 0.00	27.62 1.45 0.00	29.42 1.58 0.00	26.90 1.51 0.00	28.06 1.67 0.00	31.55 2.20 -0.14	32.44 2.71 -0.10	36.64 3.09 -0.48	47.92 3.86 -0.19	51.03 4.02 0.00	50.66 4.26 0.00	57.24 4.80 0.00	51.06 4.29 0.00	53.72 4.54 0.00	44.54 3.72 0.00	41.29 3.22 -2.98	53.62 2.11 -26.95	33.52 2.21 -4.02	28.20 1.91 -0.39
DANSKAMMER__2 23589	25.46 1.56 0.00	25.21 1.44 0.00	22.15 1.25 0.00	21.73 1.22 0.00	20.84 1.13 0.00	25.73 1.37 0.00	27.62 1.45 0.00	29.42 1.58 0.00	26.90 1.51 0.00	28.06 1.67 0.00	31.55 2.20 -0.14	32.44 2.71 -0.10	36.64 3.09 -0.48	47.92 3.86 -0.19	51.03 4.02 0.00	50.66 4.26 0.00	57.24 4.80 0.00	51.06 4.29 0.00	53.72 4.54 0.00	44.54 3.72 0.00	41.29 3.22 -2.98	53.62 2.11 -26.95	33.52 2.21 -4.02	28.20 1.91 -0.39
DANSKAMMER__3 23590	25.46 1.56 0.00	25.21 1.44 0.00	22.15 1.25 0.00	21.73 1.22 0.00	20.84 1.13 0.00	25.73 1.37 0.00	27.62 1.45 0.00	29.42 1.58 0.00	26.90 1.51 0.00	28.06 1.67 0.00	31.55 2.20 -0.14	32.44 2.71 -0.10	36.64 3.09 -0.48	47.92 3.86 -0.19	51.03 4.02 0.00	50.66 4.26 0.00	57.24 4.80 0.00	51.06 4.29 0.00	53.72 4.54 0.00	44.54 3.72 0.00	41.29 3.22 -2.98	53.62 2.11 -26.95	33.52 2.21 -4.02	28.20 1.91 -0.39

DANSKAMMER___4 23591	25.46 1.56 0.00	25.21 1.44 0.00	22.15 1.25 0.00	21.73 1.22 0.00	20.84 1.13 0.00	25.73 1.37 0.00	27.62 1.45 0.00	29.42 1.58 0.00	26.90 1.51 0.00	28.06 1.67 0.00	31.55 2.20 -0.14	32.44 2.71 -0.10	36.64 3.09 -0.48	47.92 3.86 -0.19	51.03 4.02 0.00	50.66 4.26 0.00	57.24 4.80 0.00	51.06 4.29 0.00	53.72 4.54 0.00	44.54 3.72 0.00	41.29 3.22 -2.98	53.62 2.11 -26.95	33.52 2.21 -4.02	28.20 1.91 -0.39
DANSKAMMER___DIESEL 23592	25.46 1.56 0.00	25.22 1.44 0.00	22.15 1.25 0.00	21.73 1.22 0.00	20.84 1.13 0.00	25.74 1.37 0.00	27.63 1.46 0.00	29.43 1.58 0.00	26.90 1.51 0.00	28.05 1.67 0.00	31.55 2.20 -0.14	32.44 2.71 -0.10	36.64 3.09 -0.48	47.92 3.86 -0.19	51.03 4.02 0.00	50.66 4.25 0.00	57.24 4.80 0.00	51.07 4.30 0.00	53.72 4.54 0.00	44.54 3.72 0.00	41.29 3.22 -2.98	53.62 2.11 -26.95	33.52 2.21 -4.02	28.20 1.91 -0.39
DARBY___SOLAR 323810	25.21 1.31 0.00	25.00 1.22 0.00	21.96 1.07 0.00	21.57 1.05 0.00	20.66 0.94 0.00	25.54 1.17 0.00	27.45 1.28 0.00	29.10 1.26 0.00	26.40 1.01 0.00	27.43 1.05 0.00	30.13 1.12 0.20	31.76 1.35 -0.78	37.98 1.37 -3.54	45.41 1.79 0.26	48.79 1.78 0.00	48.17 1.77 0.00	54.55 2.11 0.00	49.25 2.48 0.00	52.21 3.03 0.00	43.43 2.61 0.00	38.97 2.31 -1.58	38.34 1.45 -12.33	30.72 1.61 -1.82	27.43 1.34 -0.19
DASHVILLE___HYD 23610	25.26 1.35 0.00	25.01 1.23 0.00	21.98 1.09 0.00	21.56 1.05 0.00	20.69 0.97 0.00	25.54 1.17 0.00	27.41 1.24 0.00	29.20 1.35 0.00	26.71 1.32 0.00	27.87 1.48 0.00	31.27 1.99 -0.07	32.17 2.49 -0.06	36.25 2.92 -0.26	47.48 3.50 -0.10	50.60 3.59 0.00	50.27 3.86 0.00	56.75 4.31 0.00	50.60 3.83 0.00	53.18 4.01 0.00	44.04 3.22 0.00	37.86 2.78 0.00	26.23 1.67 0.00	29.05 1.76 0.00	27.40 1.49 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	27.37 1.87 -1.60	27.23 1.84 -1.61	22.44 1.55 0.00	22.03 1.52 0.00	21.07 1.36 0.00	25.95 1.59 0.00	27.84 1.67 0.00	29.71 1.86 0.00	27.15 1.76 0.00	28.44 2.05 0.00	37.64 3.09 -5.34	41.71 3.95 -8.14	78.42 4.20 -41.14	58.99 5.29 -9.81	57.49 5.32 -5.16	55.28 5.59 -3.29	60.35 6.28 -1.63	154.95 5.71 -102.46	77.50 5.80 -22.53	66.10 4.54 -20.75	46.97 4.16 -7.74	90.41 2.47 -63.38	39.33 2.54 -9.50	28.99 2.20 -0.88
DELAWARE___LFGE 323621	24.47 0.57 0.00	24.31 0.53 0.00	21.36 0.47 0.00	20.98 0.47 0.00	20.17 0.46 0.00	24.97 0.61 0.00	26.84 0.67 0.00	28.57 0.73 0.00	26.11 0.71 0.00	27.22 0.84 0.00	30.29 1.08 0.00	30.94 1.31 0.00	34.54 1.46 0.00	45.60 1.72 0.00	48.86 1.73 -0.12	48.89 1.86 -0.63	55.32 2.11 -0.77	48.78 1.73 -0.27	51.53 1.89 -0.46	42.51 1.57 -0.12	35.81 1.27 0.54	20.78 0.88 4.66	27.55 0.94 0.69	26.62 0.78 0.07
DERFIELD_115KV_TB7 355931	26.29 0.13 -2.25	25.43 0.12 -1.53	22.45 0.11 -1.45	20.61 0.10 0.00	19.82 0.10 0.00	24.48 0.12 0.00	26.28 0.11 0.00	27.96 0.11 0.00	24.09 0.10 1.40	26.50 0.11 0.00	29.40 0.19 0.00	29.92 0.30 0.00	33.40 0.31 0.00	44.64 0.32 -0.44	47.31 0.30 0.00	46.74 0.34 0.00	52.84 0.40 0.00	47.17 0.39 0.00	49.65 0.48 0.00	41.19 0.37 0.00	38.18 0.32 -2.78	24.77 0.21 0.00	27.52 0.22 0.00	26.07 0.17 0.00
DOGLEVILLE___HYD 23807	26.33 0.17 -2.25	25.48 0.17 -1.53	22.54 0.20 -1.45	20.72 0.21 0.00	19.92 0.20 0.00	24.62 0.26 0.00	26.37 0.20 0.00	28.04 0.19 0.00	24.09 0.10 1.40	26.38 -0.01 0.00	29.28 0.07 0.00	29.93 0.31 0.00	33.49 0.41 0.00	44.86 0.54 -0.44	47.27 0.26 0.00	46.66 0.26 0.00	52.87 0.42 0.00	47.91 1.14 0.00	50.86 1.68 0.00	42.21 1.39 0.00	38.88 1.02 -2.78	25.21 0.65 0.00	28.02 0.73 0.00	26.43 0.52 0.00
DUNKIRK___115KV_TB_200 55889	23.23 -0.67 0.00	23.02 -0.76 0.00	20.06 -0.84 0.00	19.79 -0.73 0.00	19.20 -0.52 0.00	24.13 -0.23 0.00	26.03 -0.14 0.00	27.74 -0.11 0.00	25.32 -0.07 0.00	26.73 0.34 0.00	30.25 1.04 0.00	30.81 1.18 0.00	34.33 1.25 0.00	45.13 1.25 0.00	48.37 1.36 0.00	47.46 1.06 0.00	53.11 0.68 0.00	46.19 -0.58 0.00	48.29 -0.89 0.00	39.54 -1.28 0.00	33.67 -1.41 0.00	24.06 -0.50 0.00	27.08 -0.21 0.00	25.64 -0.27 0.00
DUNKIRK___1 23563	23.23 -0.67 0.00	23.02 -0.76 0.00	20.06 -0.84 0.00	19.79 -0.73 0.00	19.20 -0.52 0.00	24.13 -0.23 0.00	26.03 -0.14 0.00	27.74 -0.11 0.00	25.32 -0.07 0.00	26.73 0.34 0.00	30.25 1.04 0.00	30.81 1.18 0.00	34.33 1.25 0.00	45.13 1.25 0.00	48.37 1.36 0.00	47.46 1.06 0.00	53.11 0.68 0.00	46.19 -0.58 0.00	48.29 -0.89 0.00	39.54 -1.28 0.00	33.67 -1.41 0.00	24.06 -0.50 0.00	27.08 -0.21 0.00	25.64 -0.27 0.00
DUNKIRK___2 23564	23.23 -0.67 0.00	23.02 -0.76 0.00	20.06 -0.84 0.00	19.79 -0.73 0.00	19.20 -0.52 0.00	24.13 -0.23 0.00	26.03 -0.14 0.00	27.74 -0.11 0.00	25.32 -0.07 0.00	26.73 0.34 0.00	30.25 1.04 0.00	30.81 1.18 0.00	34.33 1.25 0.00	45.13 1.25 0.00	48.37 1.36 0.00	47.46 1.06 0.00	53.11 0.68 0.00	46.19 -0.58 0.00	48.29 -0.89 0.00	39.54 -1.28 0.00	33.67 -1.41 0.00	24.06 -0.50 0.00	27.08 -0.21 0.00	25.64 -0.27 0.00
DUNKIRK___3 23565	23.20 -0.71 0.00	22.98 -0.80 0.00	20.04 -0.85 0.00	19.77 -0.74 0.00	19.17 -0.54 0.00	24.03 -0.34 0.00	25.86 -0.31 0.00	27.54 -0.31 0.00	25.12 -0.27 0.00	26.51 0.12 0.00	29.96 0.74 0.00	30.50 0.88 0.00	33.99 0.91 0.00	44.61 0.72 0.00	47.83 0.82 0.00	46.95 0.54 0.00	52.53 0.09 0.00	45.74 -1.03 0.00	47.81 -1.36 0.00	39.28 -1.54 0.00	33.44 -1.64 0.00	23.89 -0.66 0.00	26.90 -0.39 0.00	25.49 -0.42 0.00
DUNKIRK___4 23566	23.20 -0.71 0.00	22.98 -0.80 0.00	20.04 -0.85 0.00	19.77 -0.74 0.00	19.17 -0.54 0.00	24.03 -0.34 0.00	25.86 -0.31 0.00	27.54 -0.31 0.00	25.12 -0.27 0.00	26.51 0.12 0.00	29.96 0.74 0.00	30.50 0.88 0.00	33.99 0.91 0.00	44.61 0.72 0.00	47.83 0.82 0.00	46.95 0.54 0.00	52.53 0.09 0.00	45.74 -1.03 0.00	47.81 -1.36 0.00	39.28 -1.54 0.00	33.44 -1.64 0.00	23.89 -0.66 0.00	26.90 -0.39 0.00	25.49 -0.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.46 1.56 0.00	25.22 1.44 0.00	22.16 1.27 0.00	21.75 1.24 0.00	20.85 1.14 0.00	25.73 1.36 0.00	27.62 1.45 0.00	29.43 1.59 0.00	26.92 1.53 0.00	28.11 1.72 0.00	31.67 2.28 -0.18	38.39 2.81 -5.96	63.22 3.16 -26.98	47.92 3.80 -0.24	50.88 3.87 0.00	50.47 4.06 0.00	56.94 4.50 0.00	50.75 3.98 0.00	53.34 4.16 0.00	44.22 3.40 0.00	45.79 3.02 -7.69	89.55 1.88 -63.12	38.80 2.04 -9.46	28.59 1.80 -0.88
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.25 1.35 0.00	25.00 1.23 0.00	21.97 1.08 0.00	21.55 1.04 0.00	20.68 0.96 0.00	25.53 1.17 0.00	27.41 1.24 0.00	29.19 1.35 0.00	26.68 1.29 0.00	27.82 1.43 0.00	31.26 1.91 -0.14	30.38 2.38 1.63	28.39 2.70 7.40	47.40 3.33 -0.19	50.47 3.46 0.00	50.09 3.69 0.00	56.58 4.14 0.00	50.45 3.68 0.00	53.08 3.90 0.00	44.03 3.21 0.00	33.74 2.76 4.10	-9.43 1.57 35.56	23.63 1.66 5.33	26.85 1.44 0.50

E179THST_138_KV_TB4_REV_LBMP_J 345001	25.55 1.64 0.00	25.31 1.54 0.00	22.25 1.36 0.00	21.81 1.30 0.00	20.92 1.20 0.00	25.80 1.43 0.00	27.75 1.58 0.00	29.58 1.73 0.00	27.07 1.68 0.00	28.24 1.85 0.00	31.81 2.41 -0.19	39.21 2.96 -6.62	65.70 3.29 -29.33	48.03 3.91 -0.24	51.00 3.99 0.00	50.64 4.23 0.00	57.13 4.69 0.00	50.88 4.11 0.00	53.41 4.24 0.00	44.40 3.58 0.00	45.93 3.16 -7.69	89.68 1.98 -63.14	38.93 2.17 -9.46	28.73 1.94 -0.88
E179THST_13_KV_LOAD 356214	25.69 1.79 0.00	25.46 1.68 0.00	22.38 1.49 0.00	21.93 1.42 0.00	21.03 1.31 0.00	25.94 1.58 0.00	27.91 1.74 0.00	29.76 1.91 0.00	27.24 1.86 0.00	28.42 2.03 0.00	32.03 2.63 -0.19	39.42 3.17 -6.62	65.94 3.53 -29.33	48.36 4.24 -0.24	51.36 4.35 0.00	51.00 4.60 0.00	57.56 5.12 0.00	51.26 4.49 0.00	53.80 4.62 0.00	44.71 3.89 0.00	46.19 3.41 -7.69	89.86 2.16 -63.14	39.12 2.37 -9.46	28.90 2.12 -0.88
EAST HAMPTON___GT 23717	27.22 1.72 -1.60	27.08 1.69 -1.61	22.30 1.40 0.00	21.89 1.38 0.00	20.93 1.22 0.00	25.77 1.41 0.00	27.69 1.51 0.00	29.57 1.72 0.00	27.06 1.67 0.00	28.37 1.98 0.00	37.58 3.02 -5.34	41.91 4.15 -8.14	78.42 4.20 -41.14	58.99 5.29 -9.81	57.14 4.97 -5.16	54.97 5.28 -3.29	60.01 5.94 -1.63	154.67 5.43 -102.47	77.17 5.46 -22.54	65.79 4.20 -20.76	46.89 4.07 -7.74	90.35 2.41 -63.38	39.25 2.46 -9.50	28.86 2.07 -0.88
EAST RIVER___6 23660	25.58 1.68 0.00	25.33 1.55 0.00	22.25 1.36 0.00	21.83 1.32 0.00	20.93 1.22 0.00	25.81 1.45 0.00	27.74 1.57 0.00	29.55 1.70 0.00	27.06 1.67 0.00	28.27 1.88 0.00	31.89 2.49 -0.18	39.32 3.10 -6.60	65.85 3.51 -29.25	48.32 4.19 -0.24	51.26 4.25 0.00	50.86 4.46 0.00	57.33 4.90 0.00	51.06 4.29 0.00	53.62 4.44 0.00	44.45 3.63 0.00	45.99 3.22 -7.70	89.71 2.01 -63.15	38.96 2.20 -9.46	28.73 1.95 -0.88
EAST RIVER___7 23524	25.58 1.68 0.00	25.33 1.55 0.00	22.25 1.36 0.00	21.83 1.32 0.00	20.93 1.22 0.00	25.81 1.45 0.00	27.74 1.57 0.00	29.55 1.70 0.00	27.06 1.67 0.00	28.27 1.88 0.00	31.89 2.49 -0.18	39.32 3.10 -6.60	65.85 3.51 -29.25	48.32 4.19 -0.24	51.26 4.25 0.00	50.86 4.46 0.00	57.33 4.90 0.00	51.06 4.29 0.00	53.62 4.44 0.00	44.45 3.63 0.00	45.99 3.22 -7.70	89.71 2.01 -63.15	38.96 2.20 -9.46	28.73 1.95 -0.88
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.39 1.49 0.00	25.15 1.37 0.00	22.10 1.21 0.00	21.69 1.18 0.00	20.80 1.08 0.00	25.67 1.30 0.00	27.56 1.38 0.00	29.35 1.51 0.00	26.85 1.46 0.00	28.01 1.62 0.00	31.56 2.17 -0.18	38.66 2.68 -6.36	64.88 3.02 -28.78	47.77 3.64 -0.24	50.74 3.72 0.00	50.32 3.92 0.00	56.77 4.33 0.00	50.61 3.84 0.00	53.21 4.03 0.00	44.11 3.29 0.00	45.91 2.90 -7.93	91.45 1.81 -65.08	39.01 1.96 -9.76	28.52 1.72 -0.90
EAST_HAMPTON___DIESEL 23722	27.17 1.67 -1.60	27.02 1.64 -1.61	22.25 1.35 0.00	21.84 1.33 0.00	20.89 1.17 0.00	25.71 1.35 0.00	27.62 1.45 0.00	29.49 1.65 0.00	27.00 1.61 0.00	28.31 1.92 0.00	37.50 2.95 -5.34	41.88 4.11 -8.14	78.35 5.21 -41.14	58.90 4.88 -9.81	57.05 5.18 -5.16	54.87 5.18 -3.29	59.91 5.84 -1.63	154.58 5.34 -102.47	77.08 5.37 -22.54	65.70 4.12 -20.76	46.81 4.00 -7.74	90.30 2.35 -63.38	39.18 2.39 -9.50	28.80 2.01 -0.88
EAST_POINT___SOLAR 323840	25.39 1.49 0.00	25.18 1.41 0.00	22.13 1.23 0.00	21.76 1.24 0.00	20.99 1.27 0.00	25.97 1.61 0.00	27.85 1.68 0.00	29.25 1.40 0.00	26.66 1.27 0.00	28.29 1.90 0.00	30.52 1.41 0.10	31.07 1.52 0.08	34.23 1.50 0.34	45.40 1.65 0.14	49.05 2.04 0.00	48.44 2.04 0.00	55.02 2.58 0.00	49.70 2.93 0.00	52.59 3.42 0.00	43.98 3.15 0.00	38.51 2.55 -0.88	34.04 1.94 -7.54	30.43 2.03 -1.11	27.81 1.79 -0.11
EAST_PULASKI___ESR 323781	20.65 -0.64 2.61	21.36 -0.64 1.78	18.62 -0.59 1.68	19.98 -0.53 0.00	19.24 -0.48 0.00	23.77 -0.59 0.00	25.57 -0.60 0.00	27.21 -0.63 0.00	19.30 -0.52 5.57	25.90 -0.49 0.00	28.70 -0.51 0.00	29.19 -0.44 0.00	32.44 -0.64 0.00	42.31 -1.06 0.51	47.27 -0.89 -1.16	51.39 -0.94 -5.93	58.77 -0.93 -7.26	48.51 -0.81 -2.55	52.61 -0.88 -4.32	40.96 -0.96 -1.11	26.78 -0.90 7.40	24.37 -0.20 -0.02	27.06 -0.24 0.00	25.49 -0.42 0.00
EAST_RIVER___1 323558	25.59 1.69 0.00	25.34 1.56 0.00	22.26 1.37 0.00	21.84 1.33 0.00	20.94 1.23 0.00	25.83 1.46 0.00	27.74 1.57 0.00	29.58 1.73 0.00	27.09 1.70 0.00	28.30 1.91 0.00	31.91 2.51 -0.18	39.30 3.08 -6.60	65.81 3.48 -29.25	48.27 4.15 -0.24	51.24 4.23 0.00	50.82 4.41 0.00	57.32 4.88 0.00	51.04 4.27 0.00	53.61 4.43 0.00	44.43 3.61 0.00	46.00 3.23 -7.70	89.71 2.00 -63.15	38.97 2.21 -9.46	28.75 1.96 -0.88
EAST_RIVER___2 323559	25.58 1.68 0.00	25.33 1.55 0.00	22.25 1.36 0.00	21.83 1.32 0.00	20.93 1.22 0.00	25.81 1.45 0.00	27.74 1.57 0.00	29.55 1.70 0.00	27.06 1.67 0.00	28.27 1.88 0.00	31.89 2.49 -0.18	39.32 3.10 -6.60	65.85 3.51 -29.25	48.32 4.19 -0.24	51.26 4.25 0.00	50.86 4.46 0.00	57.33 4.90 0.00	51.06 4.29 0.00	53.62 4.44 0.00	44.45 3.63 0.00	45.99 3.22 -7.70	89.71 2.01 -63.15	38.96 2.20 -9.46	28.73 1.95 -0.88
EAST___DELAWARE_HYD 23607	25.49 1.59 0.00	25.23 1.46 0.00	22.15 1.26 0.00	21.74 1.23 0.00	20.87 1.15 0.00	25.78 1.41 0.00	27.68 1.51 0.00	29.48 1.63 0.00	26.94 1.55 0.00	28.07 1.68 0.00	31.46 2.15 -0.10	30.89 2.58 1.31	30.10 2.94 5.92	47.72 3.71 -0.14	50.87 3.86 0.00	50.61 4.20 0.00	57.18 4.74 0.00	51.13 4.36 0.00	53.81 4.63 0.00	44.64 3.82 0.00	35.76 3.24 2.55	4.92 1.97 21.61	26.13 2.08 3.23	27.39 1.79 0.30
EIGHT_POINT___WT_PWR 323820	22.87 -1.03 0.00	22.64 -1.13 0.00	19.66 -1.23 0.00	19.28 -1.23 0.00	18.69 -1.03 0.00	23.54 -0.82 0.00	25.53 -0.64 0.00	27.56 -0.28 0.00	25.14 -0.25 0.00	26.48 0.09 0.00	30.01 0.80 0.00	30.67 1.05 0.00	33.98 0.90 0.00	44.88 1.00 0.00	48.27 1.11 -0.15	48.52 1.33 -0.78	54.43 1.03 -0.96	46.83 -0.28 -0.34	49.51 -0.24 -0.57	40.68 -0.29 -0.15	34.49 -0.59 0.00	24.44 -0.12 0.00	27.48 0.19 0.00	27.55 0.15 -1.49
ELBRIDGE_115KV_TB2 80188	23.66 -0.24 0.00	23.52 -0.25 0.00	20.63 -0.26 0.00	20.28 -0.23 0.00	19.54 -0.18 0.00	24.19 -0.18 0.00	25.99 -0.18 0.00	27.63 -0.21 0.00	23.88 -0.18 1.32	26.29 -0.10 0.00	29.27 0.06 0.00	29.86 0.24 0.00	33.27 0.19 0.00	43.80 -0.08 0.00	47.75 -0.04 -0.78	50.44 0.06 -3.98	57.38 0.06 -4.87	48.24 -0.25 -1.71	51.79 -0.28 -2.90	41.30 -0.26 -0.74	34.69 -0.38 0.00	24.43 -0.14 -0.01	27.15 -0.15 0.00	25.68 -0.23 0.00
ELEC_TRO_TEK 24086	27.24 1.74 -1.60	27.09 1.71 -1.61	22.36 1.47 0.00	21.96 1.45 0.00	21.03 1.31 0.00	25.92 1.56 0.00	27.80 1.63 0.00	29.62 1.77 0.00	27.07 1.68 0.00	28.25 1.86 0.00	37.20 2.65 -5.34	40.96 3.20 -8.14	81.42 3.58 -44.76	58.04 4.35 -9.81	56.64 4.47 -5.16	54.32 4.63 -3.28	60.55 5.15 -2.96	161.87 4.62 -110.48	63.79 4.72 -9.90	44.60 3.78 0.00	46.15 3.34 -7.73	90.01 2.06 -63.38	39.00 2.20 -9.50	28.78 1.99 -0.88

ELLENBURG_WT_PWR 323604	-20.94 -0.90 43.95	-7.06 -0.94 29.90	-8.34 -0.88 28.36	19.75 -0.76 0.00	19.06 -0.66 0.00	23.80 -0.57 0.00	25.77 -0.40 0.00	27.69 -0.16 0.00	25.23 -0.17 0.00	25.86 -0.53 0.00	28.37 -0.84 0.00	28.27 -1.35 0.00	31.62 -1.46 0.00	33.79 -1.45 8.64	45.72 -1.29 0.00	45.24 -1.16 0.00	51.42 -1.02 0.00	46.02 -0.75 0.00	48.27 -0.90 0.00	40.40 -0.41 0.00	30.83 -0.48 3.76	24.28 -0.28 0.00	26.94 -0.36 0.00	25.14 -0.77 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.11 -0.80 0.00	22.91 -0.87 0.00	20.02 -0.87 0.00	19.75 -0.76 0.00	19.15 -0.56 0.00	23.84 -0.53 0.00	25.52 -0.65 0.00	27.12 -0.73 0.00	24.70 -0.69 0.00	26.10 -0.29 0.00	29.36 0.15 0.00	29.91 0.29 0.00	33.33 0.25 0.00	43.45 -0.43 0.00	46.75 -0.26 0.00	45.87 -0.54 0.00	51.26 -1.18 0.00	44.76 -2.02 0.00	46.66 -2.52 0.00	38.58 -2.25 0.00	32.89 -2.19 0.00	23.48 -1.09 0.00	26.53 -0.76 0.00	25.19 -0.72 0.00
EMPIRE_CC_1 323656	24.64 0.73 0.00	24.52 0.74 0.00	21.62 0.73 0.00	21.22 0.70 0.00	20.35 0.63 0.00	25.03 0.66 0.00	26.84 0.67 0.00	28.35 0.51 0.00	25.76 0.37 0.00	26.74 0.36 0.00	29.34 0.44 0.31	31.45 0.79 -1.03	38.56 0.81 -4.67	44.26 0.79 0.41	47.76 0.74 0.00	47.23 0.83 0.00	53.31 0.87 0.00	47.91 1.14 0.00	50.70 1.52 0.00	42.09 1.27 0.00	38.51 1.19 -2.25	44.08 0.71 -18.80	30.90 0.80 -2.81	26.84 0.67 -0.27
EMPIRE_CC_2 323658	24.64 0.73 0.00	24.52 0.74 0.00	21.62 0.73 0.00	21.22 0.70 0.00	20.35 0.63 0.00	25.03 0.66 0.00	26.84 0.67 0.00	28.35 0.51 0.00	25.76 0.37 0.00	26.74 0.36 0.00	29.34 0.44 0.31	31.45 0.79 -1.03	38.56 0.81 -4.67	44.26 0.79 0.41	47.76 0.74 0.00	47.23 0.83 0.00	53.31 0.87 0.00	47.91 1.14 0.00	50.70 1.52 0.00	42.09 1.27 0.00	38.51 1.19 -2.25	44.08 0.71 -18.80	30.90 0.80 -2.81	26.84 0.67 -0.27
ENORWICH_115KV_TB1 80156	24.65 0.74 0.00	24.60 0.81 0.00	21.66 0.76 0.00	21.32 0.81 0.00	20.51 0.79 0.00	25.63 1.26 0.00	27.73 1.56 0.00	29.69 1.85 0.00	27.29 1.90 0.00	28.24 1.85 0.00	31.24 2.03 0.00	31.93 2.30 0.00	35.53 2.45 0.00	46.62 2.74 0.00	50.21 2.92 -0.28	51.27 3.41 -1.46	58.99 4.77 -1.78	51.61 4.22 -0.63	54.90 4.66 -1.06	44.72 3.63 -0.27	37.57 2.49 0.00	26.56 2.00 0.00	29.50 2.20 0.00	27.76 1.85 0.00
ERIE_ST__34_KV_TB1-2 80199	23.37 -0.53 0.00	23.14 -0.64 0.00	20.21 -0.68 0.00	19.94 -0.57 0.00	19.32 -0.39 0.00	24.05 -0.32 0.00	25.78 -0.39 0.00	27.44 -0.41 0.00	25.02 -0.37 0.00	26.46 0.07 0.00	29.81 0.59 0.00	30.35 0.73 0.00	33.82 0.74 0.00	44.19 0.31 0.00	47.56 0.55 0.00	46.71 0.31 0.00	52.22 -0.22 0.00	45.58 -1.19 0.00	47.53 -1.65 0.00	39.28 -1.54 0.00	33.45 -1.63 0.00	23.87 -0.69 0.00	26.89 -0.41 0.00	25.50 -0.41 0.00
ERIE_WT_PWR 323693	23.24 -0.66 0.00	23.01 -0.77 0.00	20.09 -0.80 0.00	19.82 -0.69 0.00	19.23 -0.49 0.00	23.95 -0.42 0.00	25.70 -0.48 0.00	27.31 -0.54 0.00	24.88 -0.51 0.00	26.29 -0.10 0.00	29.59 0.38 0.00	30.20 0.57 0.00	33.64 0.56 0.00	43.90 0.01 0.00	47.21 0.19 0.00	46.34 -0.07 0.00	51.74 -0.70 0.00	45.17 -1.61 0.00	47.12 -2.05 0.00	38.91 -1.91 0.00	33.20 -1.88 0.00	23.68 -0.88 0.00	26.73 -0.57 0.00	20.01 -0.56 5.33
ESPRGFLD_115KV_TB1 80157	24.81 0.91 0.00	24.63 0.85 0.00	21.65 0.76 0.00	21.30 0.79 0.00	20.55 0.83 0.00	25.48 1.12 0.00	27.41 1.24 0.00	29.15 1.31 0.00	26.68 1.29 0.00	27.99 1.60 0.00	30.81 1.65 0.05	31.31 1.73 0.04	34.83 1.95 0.19	46.16 2.36 0.08	49.56 2.55 0.00	49.05 2.65 0.00	55.54 3.10 0.00	49.45 2.68 0.00	51.88 2.70 0.00	43.09 2.27 0.00	36.77 1.69 0.00	25.95 1.39 0.00	28.76 1.47 0.00	27.21 1.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.17 0.27 0.00	24.00 0.22 0.00	21.05 0.15 0.00	20.70 0.19 0.00	19.93 0.22 0.00	24.74 0.37 0.00	26.62 0.45 0.00	28.41 0.56 0.00	26.08 0.69 0.00	27.14 0.75 0.00	30.16 0.95 0.00	30.70 1.08 0.00	34.07 0.99 0.00	44.87 0.98 0.00	48.43 1.03 -0.39	49.61 1.18 -2.02	56.71 1.80 -2.47	48.93 1.29 -0.87	52.01 1.37 -1.47	42.28 1.08 -0.38	35.79 0.71 0.00	25.18 0.62 -0.01	27.93 0.63 0.00	26.37 0.46 0.00
ETNA____115KV_TB2 80207	24.17 0.27 0.00	24.00 0.22 0.00	21.05 0.15 0.00	20.70 0.19 0.00	19.93 0.22 0.00	24.74 0.37 0.00	26.62 0.45 0.00	28.41 0.56 0.00	26.08 0.69 0.00	27.14 0.75 0.00	30.16 0.95 0.00	30.70 1.08 0.00	34.07 0.99 0.00	44.87 0.98 0.00	48.43 1.03 -0.39	49.61 1.18 -2.02	56.71 1.80 -2.47	48.93 1.29 -0.87	52.01 1.37 -1.47	42.28 1.08 -0.38	35.79 0.71 0.00	25.18 0.62 -0.01	27.93 0.63 0.00	26.37 0.46 0.00
EUCLID____115KV_TB2 356179	23.53 -0.37 0.00	23.40 -0.38 0.00	20.53 -0.36 0.00	20.18 -0.34 0.00	19.42 -0.30 0.00	24.04 -0.33 0.00	25.81 -0.36 0.00	27.48 -0.37 0.00	23.36 -0.29 1.73	26.17 -0.22 0.00	29.10 -0.11 0.00	29.65 0.03 0.00	33.05 -0.03 0.00	43.57 -0.31 0.00	47.00 -0.34 -0.33	47.83 -0.27 -1.69	54.17 -0.35 -2.08	46.98 -0.52 -0.73	49.81 -0.60 -1.24	40.58 -0.56 -0.32	34.51 -0.57 0.00	24.26 -0.30 0.00	26.98 -0.32 0.00	25.52 -0.38 0.00
E_CANADA_CAP_HY 24051	25.16 1.26 0.00	24.97 1.19 0.00	21.96 1.07 0.00	21.60 1.09 0.00	20.86 1.14 0.00	25.81 1.45 0.00	27.71 1.54 0.00	29.33 1.48 0.00	26.76 1.37 0.00	28.15 1.76 0.00	30.73 1.60 0.08	31.14 1.58 0.06	34.52 1.74 0.29	45.87 2.10 0.12	49.39 2.38 0.00	48.67 2.26 0.00	55.08 2.64 0.00	49.44 2.67 0.00	52.00 2.82 0.00	43.32 2.50 0.00	37.73 1.96 -0.69	32.14 1.65 -5.93	29.91 1.74 -0.88	27.58 1.59 -0.09
E_CANADA_MHWK_HY 24050	26.33 0.17 -2.25	25.48 0.17 -1.53	22.54 0.20 -1.45	20.72 0.21 0.00	19.92 0.20 0.00	24.62 0.26 0.00	26.37 0.20 0.00	28.04 0.19 0.00	24.09 0.10 1.40	26.38 -0.01 0.00	29.28 0.07 0.00	29.93 0.31 0.00	33.49 0.41 0.00	44.86 0.54 -0.44	47.27 0.26 0.00	46.66 0.26 0.00	52.87 0.42 0.00	47.91 1.14 0.00	50.86 1.68 0.00	42.21 1.39 0.00	38.88 1.02 -2.78	25.21 0.65 0.00	28.02 0.73 0.00	26.43 0.52 0.00
E_FISHKILL____LBMP 23776	25.17 1.26 0.00	24.95 1.17 0.00	21.94 1.05 0.00	21.53 1.02 0.00	20.65 0.93 0.00	25.48 1.11 0.00	27.33 1.15 0.00	29.08 1.24 0.00	26.57 1.18 0.00	27.68 1.29 0.00	31.14 1.74 -0.19	34.01 2.21 -2.17	45.40 2.49 -9.83	47.11 2.98 -0.25	50.04 3.03 0.00	49.64 3.24 0.00	56.02 3.58 0.00	49.99 3.22 0.00	52.64 3.46 0.00	43.66 2.84 0.00	43.03 2.51 -5.44	72.04 1.53 -45.94	35.78 1.65 -6.83	28.00 1.43 -0.66
FALCON____SEABRD_CC1 323796	-20.56 -0.62 43.84	-6.76 -0.71 29.83	-8.11 -0.71 28.29	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.10 -0.07 0.00	28.06 0.22 0.00	25.53 0.14 0.00	26.14 -0.25 0.00	28.74 -0.47 0.00	28.64 -0.99 0.00	32.02 -1.06 0.00	34.35 -0.91 8.62	46.38 -0.63 0.00	45.83 -0.57 0.00	52.10 -0.34 0.00	46.70 -0.07 0.00	49.01 -0.17 0.00	41.07 0.24 0.00	31.26 0.05 3.87	24.58 0.01 0.00	27.29 0.00 0.00	25.43 -0.48 0.00

FALCON___SEABRD_CC2 323797	-20.56 -0.62 43.84	-6.76 -0.71 29.83	-8.11 -0.71 28.29	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.10 -0.07 0.00	28.06 0.22 0.00	25.53 0.14 0.00	26.14 -0.25 0.00	28.74 -0.47 0.00	28.64 -0.99 0.00	32.02 -1.06 0.00	34.35 -0.91 8.62	46.38 -0.63 0.00	45.83 -0.57 0.00	52.10 -0.34 0.00	46.70 -0.07 0.00	49.01 -0.17 0.00	41.07 0.24 0.00	31.26 0.05 3.87	24.58 0.01 0.00	27.29 0.00 0.00	25.43 -0.48 0.00
FAR ROCKAWAY___4 23548	27.59 2.09 -1.60	27.42 2.03 -1.61	22.63 1.74 0.00	22.22 1.71 0.00	21.27 1.55 0.00	26.23 1.86 0.00	28.13 1.96 0.00	30.00 2.16 0.00	27.44 2.05 0.00	28.67 2.28 0.00	37.69 3.14 -5.34	41.49 3.73 -8.14	80.83 4.17 -43.58	58.48 4.79 -9.81	57.13 4.95 -5.16	54.59 4.90 -3.28	60.50 5.68 -2.38	158.83 5.06 -107.00	63.80 4.73 -9.90	44.99 4.17 0.00	46.78 3.98 -7.73	90.45 2.50 -63.38	39.49 2.70 -9.50	29.21 2.43 -0.88
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.60 1.70 0.00	25.34 1.57 0.00	22.27 1.37 0.00	21.85 1.34 0.00	20.95 1.23 0.00	25.85 1.48 0.00	27.76 1.59 0.00	29.59 1.75 0.00	27.11 1.72 0.00	28.32 1.93 0.00	31.93 2.53 -0.18	39.33 3.11 -6.60	65.84 3.49 -29.27	48.29 4.16 -0.24	51.25 4.42 0.00	50.82 4.88 0.00	57.33 4.88 0.00	51.05 4.28 0.00	53.62 4.44 0.00	44.45 3.63 0.00	46.02 3.25 -7.70	89.74 2.03 -63.15	38.99 2.23 -9.46	28.76 1.97 -0.88
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.62 1.72 0.00	25.36 1.58 0.00	22.29 1.39 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.87 1.50 0.00	27.78 1.61 0.00	29.61 1.77 0.00	27.12 1.73 0.00	28.34 1.95 0.00	31.95 2.55 -0.18	39.35 3.12 -6.60	65.87 3.52 -29.27	48.31 4.19 -0.24	51.28 4.27 0.00	50.86 4.46 0.00	57.37 4.93 0.00	51.09 4.32 0.00	53.66 4.49 0.00	44.48 3.66 0.00	46.05 3.28 -7.70	89.76 2.05 -63.15	39.02 2.26 -9.46	28.79 2.00 -0.88
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.58 1.68 0.00	25.33 1.55 0.00	22.26 1.37 0.00	21.84 1.33 0.00	20.94 1.23 0.00	25.84 1.47 0.00	27.75 1.58 0.00	29.58 1.73 0.00	27.09 1.70 0.00	28.31 1.92 0.00	31.91 2.52 -0.18	39.32 3.09 -6.60	65.82 3.47 -29.27	48.27 4.14 -0.24	51.21 4.20 0.00	50.80 4.39 0.00	57.30 4.86 0.00	51.01 4.24 0.00	53.58 4.40 0.00	44.41 3.59 0.00	45.98 3.21 -7.70	89.71 2.00 -63.15	38.96 2.21 -9.46	28.75 1.96 -0.88
FARRAGUT___LBMP 323566	25.56 1.66 0.00	25.31 1.54 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.21 0.00	25.81 1.45 0.00	27.72 1.55 0.00	29.55 1.70 0.00	27.06 1.68 0.00	28.27 1.88 0.00	31.87 2.48 -0.18	39.27 3.04 -6.60	65.77 3.42 -29.27	48.19 4.06 -0.24	51.14 4.13 0.00	50.73 4.32 0.00	57.21 4.77 0.00	50.95 4.18 0.00	53.51 4.34 0.00	44.37 3.55 0.00	45.95 3.17 -7.70	89.69 1.98 -63.15	38.94 2.18 -9.46	28.73 1.94 -0.88
FENNER___WINDPWR 24204	24.15 0.24 0.00	24.01 0.23 0.00	21.09 0.20 0.00	20.74 0.23 0.00	19.95 0.23 0.00	24.70 0.33 0.00	26.60 0.43 0.00	28.38 0.53 0.00	23.49 0.54 2.44	26.95 0.57 0.00	29.89 0.68 0.00	30.43 0.80 0.00	34.05 0.97 0.00	44.96 1.08 0.00	48.43 1.12 -0.30	49.03 1.11 -1.52	55.88 1.58 -1.86	48.85 1.42 -0.65	51.77 1.49 -1.11	42.17 1.07 -0.28	39.11 0.82 -3.21	25.26 0.70 0.00	27.99 0.70 0.00	26.44 0.53 0.00
FIBERTEK___ENERGY 23856	23.79 -0.11 0.00	23.65 -0.13 0.00	20.74 -0.16 0.00	20.38 -0.13 0.00	19.63 -0.09 0.00	24.30 -0.07 0.00	26.13 -0.04 0.00	27.81 -0.04 0.00	23.85 0.00 1.54	26.48 0.09 0.00	29.48 0.26 0.00	30.05 0.42 0.00	33.48 0.40 0.00	44.13 0.25 0.00	48.02 0.29 -0.72	50.45 0.38 -3.67	57.31 0.37 -4.50	48.43 0.08 -1.58	51.87 0.02 -2.68	41.48 -0.02 -0.68	34.93 -0.15 0.00	24.55 -0.03 -0.01	27.28 -0.02 0.00	25.79 -0.12 0.00
FITZPATRICK____ 23598	23.19 -0.71 0.00	23.08 -0.70 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.56 0.00	23.69 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.06 -0.56 0.00	32.38 -0.70 0.00	42.72 -1.17 0.00	41.73 -1.25 4.04	24.50 -1.20 20.70	25.70 -1.38 25.36	36.50 -1.38 8.90	32.61 -1.49 15.08	35.69 -1.27 3.86	33.94 -1.15 0.00	23.79 -0.71 0.05	26.52 -0.77 0.00	25.13 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	27.36 1.86 -1.60	27.25 1.86 -1.61	22.47 1.58 0.00	22.07 1.56 0.00	21.12 1.40 0.00	26.00 1.63 0.00	27.83 1.66 0.00	29.66 1.82 0.00	27.00 1.61 0.00	28.22 1.83 0.00	37.39 2.84 -5.34	41.19 3.43 -8.14	78.04 3.77 -41.19	58.43 4.74 -9.81	57.12 4.95 -5.16	54.79 5.10 -3.29	60.06 5.66 -1.96	156.36 5.14 -104.45	85.80 5.30 -31.32	80.34 4.32 -35.20	46.58 3.76 -7.74	90.19 2.24 -63.38	39.11 2.32 -9.50	28.88 2.09 -0.88
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.52 1.61 0.00	25.27 1.49 0.00	22.19 1.30 0.00	21.78 1.27 0.00	20.89 1.17 0.00	25.79 1.42 0.00	27.69 1.52 0.00	29.50 1.65 0.00	26.96 1.57 0.00	28.13 1.74 0.00	31.64 2.28 -0.14	32.54 2.80 -0.11	36.76 3.20 -0.49	48.07 3.99 -0.19	51.19 4.18 0.00	50.81 4.41 0.00	57.42 4.98 0.00	51.22 4.45 0.00	53.88 4.70 0.00	44.67 3.85 0.00	41.64 3.32 -3.24	56.00 2.15 -29.29	33.91 2.25 -4.36	28.28 1.95 -0.42
FORT ORANGE____ 23900	24.65 0.75 0.00	24.57 0.79 0.00	21.64 0.74 0.00	21.22 0.71 0.00	20.35 0.63 0.00	25.07 0.70 0.00	26.85 0.68 0.00	28.49 0.64 0.00	25.86 0.47 0.00	26.81 0.42 0.00	29.66 0.60 0.15	31.35 0.89 -0.83	37.81 0.99 -3.75	44.79 1.10 0.20	48.03 1.02 0.00	47.53 1.13 0.00	53.72 1.28 0.00	48.24 1.47 0.00	50.99 1.82 0.00	42.41 1.59 0.00	38.09 1.45 -1.56	37.57 0.87 -12.14	30.03 0.95 -1.79	26.90 0.81 -0.18
FORT_DRUM_COGEN 23780	14.10 -1.18 8.63	16.77 -1.14 5.87	14.31 -1.01 5.57	19.65 -0.86 0.00	18.93 -0.79 0.00	23.40 -0.97 0.00	25.35 -0.83 0.00	27.01 -0.83 0.00	7.96 -0.56 16.88	25.68 -0.71 0.00	28.17 -1.05 0.00	28.60 -1.02 0.00	31.73 -1.35 0.00	40.30 -1.88 1.70	46.50 -1.09 -0.58	47.98 -1.39 -2.97	55.10 -0.98 -3.64	47.88 -0.17 -1.28	51.14 -0.20 -2.17	40.45 -0.92 -0.55	8.69 -0.92 25.47	25.01 0.44 -0.01	27.56 0.26 0.00	25.60 -0.31 0.00
FOX_HILLS___ESR 323835	25.60 1.70 0.00	25.36 1.58 0.00	22.29 1.40 0.00	21.84 1.33 0.00	20.94 1.23 0.00	25.84 1.48 0.00	27.79 1.61 0.00	29.60 1.75 0.00	27.13 1.74 0.00	28.35 1.96 0.00	32.34 2.62 -0.50	157.48 3.21 -124.65	321.04 3.56 -284.40	48.33 4.20 -0.25	67.96 4.25 -16.70	50.88 4.47 -0.01	57.38 4.94 -0.01	51.08 4.31 0.00	53.62 4.45 0.00	44.57 3.75 0.00	47.17 3.34 -8.75	89.77 2.07 -63.14	47.85 2.29 -18.26	37.16 2.03 -9.22
FPL FAR_ROCK_GT1 24212	27.59 2.09 -1.60	27.41 2.03 -1.61	22.63 1.74 0.00	22.22 1.71 0.00	21.27 1.55 0.00	26.23 1.86 0.00	28.13 1.96 0.00	30.00 2.16 0.00	27.44 2.05 0.00	28.67 2.28 0.00	37.70 3.14 -5.34	41.49 3.73 -8.14	80.82 4.16 -43.58	58.48 4.79 -9.81	57.13 4.95 -5.16	54.59 4.90 -3.28	60.50 5.68 -2.38	158.84 5.06 -107.00	63.80 4.73 -9.90	44.99 4.17 0.00	46.79 3.98 -7.73	90.45 2.50 -63.38	39.49 2.70 -9.50	29.21 2.42 -0.88

FPL FAR_ROCK_GT2 23815	27.59 2.09 -1.60	27.41 2.03 -1.61	22.63 1.74 0.00	22.22 1.71 0.00	21.27 1.55 0.00	26.23 1.86 0.00	28.13 1.96 0.00	30.00 2.16 0.00	27.44 2.05 0.00	28.67 2.28 0.00	37.70 3.14 -5.34	41.49 3.73 -8.14	80.82 4.16 -43.58	58.48 4.79 -9.81	57.13 4.95 -5.16	54.59 4.90 -3.28	60.50 5.68 -2.38	158.84 5.06 -107.00	63.80 4.73 -9.90	44.99 4.17 0.00	46.79 3.98 -7.73	90.45 2.50 -63.38	39.49 2.70 -9.50	29.21 2.42 -0.88
FRANKLIN_FALL_HYD 24054	-17.80 -0.68 41.02	-4.81 -0.68 27.91	-6.21 -0.64 26.47	19.96 -0.55 0.00	19.22 -0.50 0.00	23.93 -0.44 0.00	25.89 -0.28 0.00	27.74 -0.10 0.00	5.33 -0.13 19.93	25.93 -0.46 0.00	28.47 -0.74 0.00	28.35 -1.28 0.00	31.63 -1.45 0.00	34.42 -1.40 8.06	45.82 -1.20 0.00	45.23 -1.17 0.00	51.37 -1.07 0.00	46.03 -0.74 0.00	48.27 -0.90 0.00	40.45 -0.37 0.00	27.84 -0.51 6.72	24.30 -0.26 0.00	26.95 -0.35 0.00	25.31 -0.59 0.00
FREEPORT_EQUS_GT1 23764	27.39 1.90 -1.60	27.27 1.88 -1.61	22.49 1.60 0.00	22.08 1.57 0.00	21.14 1.43 0.00	26.07 1.70 0.00	27.93 1.76 0.00	29.76 1.92 0.00	27.21 1.82 0.00	28.41 2.01 0.00	37.41 2.86 -5.34	41.06 3.30 -8.14	80.98 3.72 -44.18	58.20 4.51 -9.81	56.74 4.57 -5.16	54.41 4.72 -3.28	60.37 5.26 -2.68	160.32 4.79 -108.76	63.96 4.88 -9.90	44.70 3.88 0.00	46.24 3.43 -7.73	90.20 2.25 -63.38	39.23 2.43 -9.50	28.96 2.17 -0.88
FREEPORT___CT2 23818	27.39 1.90 -1.60	27.27 1.88 -1.61	22.49 1.60 0.00	22.08 1.57 0.00	21.14 1.43 0.00	26.07 1.70 0.00	27.93 1.76 0.00	29.76 1.92 0.00	27.21 1.82 0.00	28.41 2.01 0.00	37.41 2.86 -5.34	41.06 3.30 -8.14	80.98 3.72 -44.18	58.20 4.51 -9.81	56.74 4.57 -5.16	54.41 4.72 -3.28	60.37 5.26 -2.68	160.32 4.79 -108.76	63.96 4.88 -9.90	44.70 3.88 0.00	46.24 3.43 -7.73	90.20 2.25 -63.38	39.23 2.43 -9.50	28.96 2.17 -0.88
FRESHKLS_33_KV_LOAD 356253	25.56 1.66 0.00	25.32 1.54 0.00	22.25 1.35 0.00	21.80 1.29 0.00	20.91 1.19 0.00	25.80 1.43 0.00	27.74 1.57 0.00	29.53 1.69 0.00	27.07 1.68 0.00	28.28 1.90 0.01	31.95 2.56 -0.17	45.33 3.15 -12.56	44.09 3.52 -7.49	48.29 4.16 -0.24	51.26 4.24 -0.01	50.89 4.48 -0.01	57.38 4.94 0.00	51.07 4.31 0.01	53.63 4.46 0.00	44.59 3.78 0.00	46.66 3.35 -8.24	60.44 2.06 -33.81	39.46 2.28 -9.88	29.59 2.00 -1.68
FULTON COGEN____ 23766	23.46 -0.44 0.00	23.33 -0.45 0.00	20.47 -0.42 0.00	20.11 -0.40 0.00	19.36 -0.35 0.00	23.96 -0.40 0.00	25.75 -0.42 0.00	27.40 -0.45 0.00	22.89 -0.39 2.10	26.06 -0.33 0.00	28.97 -0.24 0.00	29.48 -0.14 0.00	32.84 -0.24 0.00	43.34 -0.54 0.00	47.74 -0.59 -1.31	52.53 -0.60 -6.74	60.08 -0.61 -8.25	48.96 -0.71 -2.90	53.28 -0.80 -4.91	41.37 -0.71 -1.26	32.54 -0.69 1.85	24.21 -0.36 -0.02	26.89 -0.40 0.00	25.44 -0.47 0.00
FULTON___LFGE 323630	26.27 2.37 0.00	26.06 2.28 0.00	22.89 2.00 0.00	22.47 1.96 0.00	21.64 1.93 0.00	26.74 2.37 0.00	28.24 2.07 0.00	30.02 2.17 0.00	26.98 1.59 0.00	27.63 1.24 0.00	30.73 1.62 0.10	30.72 1.17 0.08	33.86 1.15 0.36	45.21 1.47 0.14	49.00 1.99 0.00	47.17 0.77 0.00	54.10 1.67 0.00	51.48 4.71 0.00	54.98 5.80 0.00	46.09 5.27 0.00	40.45 4.43 -0.94	35.71 3.05 -8.10	31.57 3.08 -1.20	28.76 2.73 -0.12
G.F.CEMENT___DRP 24184	25.44 1.54 0.00	25.16 1.38 0.00	22.06 1.17 0.00	21.69 1.18 0.00	20.75 1.04 0.00	25.69 1.33 0.00	27.69 1.52 0.00	29.37 1.53 0.00	26.61 1.22 0.00	27.72 1.33 0.00	30.33 1.29 0.17	31.95 1.56 -0.77	38.13 1.56 -3.49	45.81 2.16 0.24	49.12 2.11 0.00	48.51 2.11 0.00	54.96 2.52 0.00	49.65 2.88 0.00	52.76 3.59 0.00	43.91 3.09 0.00	39.31 2.70 -1.53	38.19 1.69 -11.94	30.95 1.89 -1.76	27.66 1.57 -0.18
GARDENVILLE___LBMP 24039	23.16 -0.75 0.00	22.95 -0.83 0.00	20.05 -0.84 0.00	19.78 -0.74 0.00	19.18 -0.53 0.00	23.89 -0.47 0.00	25.61 -0.56 0.00	27.23 -0.62 0.00	24.80 -0.59 0.00	26.21 -0.18 0.00	29.50 0.28 0.00	30.06 0.43 0.00	33.48 0.40 0.00	43.70 -0.18 0.00	47.00 -0.01 0.00	46.12 -0.28 0.00	51.56 -0.88 0.00	44.98 -1.79 0.00	46.93 -2.24 0.00	38.77 -2.05 0.00	33.05 -2.03 0.00	23.59 -0.97 0.00	26.64 -0.66 0.00	25.28 -0.63 0.00
GARDNVLA_35_KV_LD 355827	23.30 -0.61 0.00	23.08 -0.70 0.00	20.16 -0.73 0.00	19.88 -0.63 0.00	19.28 -0.44 0.00	24.00 -0.36 0.00	25.73 -0.45 0.00	27.36 -0.49 0.00	24.93 -0.46 0.00	26.36 -0.03 0.00	29.69 0.47 0.00	30.25 0.63 0.00	33.71 0.64 0.00	44.03 0.14 0.00	47.34 0.33 0.00	46.45 0.05 0.00	51.91 -0.53 0.00	45.29 -1.48 0.00	47.21 -1.97 0.00	39.01 -1.81 0.00	33.24 -1.84 0.00	23.72 -0.84 0.00	26.76 -0.53 0.00	25.39 -0.51 0.00
GELCKHM___115KV_LOAD 80723	23.62 -0.28 0.00	23.48 -0.30 0.00	20.60 -0.29 0.00	20.25 -0.27 0.00	19.50 -0.22 0.00	24.12 -0.24 0.00	25.92 -0.25 0.00	27.59 -0.25 0.00	23.56 -0.18 1.64	26.28 -0.10 0.00	29.24 0.03 0.00	29.80 0.17 0.00	33.20 0.12 0.00	43.78 -0.10 0.00	47.37 -0.11 -0.47	48.77 -0.03 -2.39	55.29 -0.08 -2.93	47.51 -0.29 -1.03	50.54 -0.38 -1.74	40.91 -0.35 -0.45	34.67 -0.41 0.00	24.36 -0.21 -0.01	27.09 -0.21 0.00	25.62 -0.30 0.00
GENERAL___MILLS 23808	23.23 -0.67 0.00	23.02 -0.76 0.00	20.11 -0.79 0.00	19.83 -0.68 0.00	19.23 -0.49 0.00	23.95 -0.42 0.00	25.67 -0.51 0.00	27.29 -0.55 0.00	24.87 -0.52 0.00	26.28 -0.11 0.00	29.58 0.37 0.00	30.15 0.52 0.00	33.59 0.51 0.00	43.85 -0.03 0.00	47.16 0.15 0.00	46.28 -0.12 0.00	51.72 -0.72 0.00	45.13 -1.64 0.00	47.06 -2.11 0.00	38.90 -1.92 0.00	33.14 -1.93 0.00	23.65 -0.91 0.00	26.70 -0.60 0.00	25.34 -0.57 0.00
GE_PLASTICS___DRP 24183	24.49 0.58 0.00	24.42 0.64 0.00	21.50 0.60 0.00	21.09 0.58 0.00	20.23 0.51 0.00	24.93 0.57 0.00	26.72 0.55 0.00	28.36 0.51 0.00	25.79 0.40 0.00	26.78 0.39 0.00	29.66 0.56 0.12	31.31 0.84 -0.85	37.80 0.91 -3.81	44.73 1.00 0.16	47.94 0.92 0.00	47.43 1.03 0.00	53.59 1.15 0.00	47.99 1.21 0.00	50.66 1.49 0.00	42.11 1.28 0.00	37.79 1.18 -1.53	37.16 0.70 -11.90	29.82 0.77 -1.76	26.74 0.65 -0.18
GILBOA___1 23756	24.51 0.61 0.00	24.36 0.58 0.00	21.42 0.52 0.00	21.03 0.52 0.00	20.19 0.47 0.00	24.92 0.55 0.00	26.73 0.55 0.00	28.41 0.57 0.00	25.91 0.52 0.00	26.96 0.58 0.00	30.02 0.81 0.00	30.72 1.09 0.00	34.28 1.20 0.00	45.26 1.38 0.00	48.27 1.26 0.00	47.72 1.32 0.00	53.84 1.40 0.00	47.95 1.19 0.00	50.65 1.48 0.00	42.16 1.34 0.00	36.99 1.24 -0.67	31.13 0.76 -5.81	28.97 0.82 -0.86	26.68 0.68 -0.09
GILBOA___2 23757	24.51 0.61 0.00	24.36 0.58 0.00	21.42 0.52 0.00	21.03 0.52 0.00	20.19 0.47 0.00	24.92 0.55 0.00	26.73 0.55 0.00	28.41 0.57 0.00	25.91 0.52 0.00	26.96 0.58 0.00	30.02 0.81 0.00	30.72 1.09 0.00	34.28 1.20 0.00	45.26 1.38 0.00	48.27 1.26 0.00	47.72 1.32 0.00	53.84 1.40 0.00	47.95 1.19 0.00	50.65 1.48 0.00	42.16 1.34 0.00	36.99 1.24 -0.67	31.13 0.76 -5.81	28.97 0.82 -0.86	26.68 0.68 -0.09

GILBOA___3 23758	24.51 0.61 0.00	24.36 0.58 0.00	21.42 0.52 0.00	21.03 0.52 0.00	20.19 0.47 0.00	24.92 0.55 0.00	26.73 0.55 0.00	28.41 0.57 0.00	25.91 0.52 0.00	26.96 0.58 0.00	30.02 0.81 0.00	30.72 1.09 0.00	34.28 1.20 0.00	45.26 1.38 0.00	48.27 1.26 0.00	47.72 1.32 0.00	53.84 1.40 0.00	47.95 1.19 0.00	50.65 1.48 0.00	42.16 1.34 0.00	36.99 1.24 -0.67	31.13 0.76 -5.81	28.97 0.82 -0.86	26.68 0.68 -0.09
GILBOA___4 23759	24.51 0.61 0.00	24.36 0.58 0.00	21.42 0.52 0.00	21.03 0.52 0.00	20.19 0.47 0.00	24.92 0.55 0.00	26.73 0.55 0.00	28.41 0.57 0.00	25.91 0.52 0.00	26.96 0.58 0.00	30.02 0.81 0.00	30.72 1.09 0.00	34.28 1.20 0.00	45.26 1.38 0.00	48.27 1.26 0.00	47.72 1.32 0.00	53.84 1.40 0.00	47.95 1.19 0.00	50.65 1.48 0.00	42.16 1.34 0.00	36.99 1.24 -0.67	31.13 0.76 -5.81	28.97 0.82 -0.86	26.68 0.68 -0.09
GILBOA___ 23599	24.51 0.60 0.00	24.36 0.58 0.00	21.42 0.52 0.00	21.03 0.52 0.00	20.19 0.47 0.00	24.92 0.55 0.00	26.73 0.56 0.00	28.41 0.56 0.00	25.91 0.52 0.00	26.96 0.57 0.00	30.02 0.81 0.00	30.72 1.09 0.00	34.28 1.20 0.00	45.26 1.38 0.00	48.27 1.26 0.00	47.72 1.32 0.00	53.84 1.40 0.00	47.95 1.19 0.00	50.65 1.48 0.00	42.16 1.34 0.00	36.99 1.24 -0.67	31.14 0.76 -5.81	28.98 0.82 -0.86	26.67 0.68 -0.09
GINNA___ 23603	22.71 -1.20 0.00	22.53 -1.25 0.00	19.73 -1.16 0.00	19.41 -1.10 0.00	18.75 -0.96 0.00	23.26 -1.11 0.00	24.95 -1.23 0.00	26.55 -1.29 0.00	24.22 -1.17 0.00	25.44 -0.94 0.00	28.48 -0.73 0.00	29.06 -0.56 0.00	32.37 -0.71 0.00	42.36 -1.52 0.00	45.60 -1.41 0.00	44.94 -1.46 0.00	50.46 -1.98 0.00	44.46 -2.31 0.00	46.42 -2.76 0.00	38.40 -2.42 0.00	32.84 -2.24 0.00	23.19 -1.37 0.00	25.94 -1.36 0.00	22.66 -1.39 1.85
GLEN PARK___ 23778	14.63 -1.11 8.17	17.14 -1.08 5.56	14.66 -0.96 5.27	19.70 -0.82 0.00	18.97 -0.74 0.00	23.46 -0.90 0.00	25.41 -0.77 0.00	27.07 -0.77 0.00	8.86 -0.52 16.01	25.69 -0.70 0.00	28.15 -1.06 0.00	28.65 -0.97 0.00	31.77 -1.31 0.00	40.42 -1.86 1.61	46.58 -1.04 -0.61	48.18 -1.35 -3.13	55.44 -0.84 -3.83	48.10 -0.02 -1.35	51.48 0.03 -2.28	40.69 -0.71 -0.58	10.29 -0.72 24.07	25.11 0.54 -0.01	27.65 0.35 0.00	25.66 -0.24 0.00
GLENDAL_27_KV_LOAD 356172	25.73 1.82 0.00	25.47 1.69 0.00	22.40 1.51 0.00	21.97 1.45 0.00	21.07 1.35 0.00	25.97 1.61 0.00	27.92 1.75 0.00	29.80 1.95 0.00	27.30 1.91 0.00	28.52 2.13 0.00	32.48 2.77 -0.50	40.98 3.34 -8.01	66.12 3.71 -29.33	48.55 4.42 -0.24	51.47 4.46 0.00	51.05 4.65 0.00	57.58 5.14 0.00	51.28 4.51 0.00	53.82 4.65 0.00	44.70 3.88 0.00	46.25 3.48 -7.69	89.91 2.21 -63.14	39.77 2.48 -10.00	29.49 2.20 -1.38
GLENWOOD_IC_1_G5 23712	27.45 1.95 -1.60	27.30 1.92 -1.61	22.53 1.64 0.00	22.13 1.62 0.00	21.19 1.47 0.00	26.12 1.75 0.00	28.01 1.84 0.00	29.86 2.02 0.00	27.32 1.93 0.00	28.53 2.14 0.00	37.54 2.99 -5.34	41.33 3.57 -8.14	87.19 4.05 -50.06	58.49 4.80 -9.81	57.00 4.83 -5.16	54.69 5.00 -3.28	63.58 5.57 -5.57	177.85 5.00 -126.07	64.14 5.07 -9.90	44.85 4.02 0.00	46.33 3.53 -7.73	90.11 2.17 -63.38	39.08 2.29 -9.50	29.02 2.23 -0.88
GLENWOOD_IC_2_G1 23688	27.36 1.86 -1.60	27.20 1.81 -1.61	22.45 1.56 0.00	22.04 1.53 0.00	21.11 1.39 0.00	26.02 1.66 0.00	27.90 1.73 0.00	29.74 1.90 0.00	27.19 1.80 0.00	28.40 2.01 0.00	37.38 2.82 -5.34	41.15 3.38 -8.14	95.73 3.82 -58.83	58.33 4.63 -9.81	56.93 4.75 -5.16	54.61 4.92 -3.28	67.81 5.48 -9.89	203.56 4.92 -151.87	64.05 4.98 -9.90	44.83 4.01 0.00	46.34 3.53 -7.73	90.12 2.17 -63.38	39.10 2.31 -9.50	28.91 2.12 -0.88
GLENWOOD_IC_3_G1 23689	27.36 1.86 -1.60	27.20 1.81 -1.61	22.45 1.56 0.00	22.04 1.53 0.00	21.11 1.39 0.00	26.02 1.66 0.00	27.90 1.73 0.00	29.74 1.90 0.00	27.19 1.80 0.00	28.40 2.01 0.00	37.38 2.82 -5.34	41.15 3.38 -8.14	95.73 3.82 -58.83	58.33 4.63 -9.81	56.93 4.75 -5.16	54.61 4.92 -3.28	67.81 5.48 -9.89	203.56 4.92 -151.87	64.05 4.98 -9.90	44.83 4.01 0.00	46.34 3.53 -7.73	90.12 2.17 -63.38	39.10 2.31 -9.50	28.91 2.12 -0.88
GLENWOOD___4 23550	27.45 1.95 -1.60	27.30 1.92 -1.61	22.53 1.64 0.00	22.13 1.62 0.00	21.19 1.47 0.00	26.12 1.75 0.00	28.01 1.84 0.00	29.86 2.02 0.00	27.32 1.93 0.00	28.53 2.14 0.00	37.54 2.99 -5.34	41.33 3.57 -8.14	87.19 4.05 -50.06	58.55 4.85 -9.81	57.11 4.94 -5.16	54.80 5.11 -3.28	63.70 5.69 -5.57	177.96 5.11 -126.07	64.25 5.17 -9.90	44.94 4.12 0.00	46.41 3.60 -7.73	90.17 2.23 -63.38	39.14 2.35 -9.50	29.02 2.23 -0.88
GLENWOOD___5 23614	27.45 1.95 -1.60	27.30 1.92 -1.61	22.53 1.64 0.00	22.13 1.62 0.00	21.19 1.47 0.00	26.12 1.75 0.00	28.01 1.84 0.00	29.86 2.02 0.00	27.32 1.93 0.00	28.53 2.14 0.00	37.54 2.99 -5.34	41.33 3.57 -8.14	87.19 4.05 -50.06	58.55 4.85 -9.81	57.11 4.94 -5.16	54.80 5.11 -3.28	63.70 5.69 -5.57	177.96 5.11 -126.07	64.25 5.17 -9.90	44.94 4.12 0.00	46.41 3.60 -7.73	90.17 2.23 -63.38	39.14 2.35 -9.50	29.02 2.23 -0.88
GLOBAL GREEN_PORT_GT1 23814	27.42 1.92 -1.60	27.27 1.89 -1.61	22.47 1.58 0.00	22.05 1.54 0.00	21.09 1.37 0.00	25.98 1.62 0.00	27.89 1.72 0.00	29.78 1.94 0.00	27.24 1.85 0.00	28.58 2.19 0.00	37.80 3.24 -5.34	42.02 4.25 -8.14	78.68 4.46 -41.14	59.29 5.60 -9.81	57.01 4.83 -5.16	54.83 5.14 -3.29	59.88 5.81 -1.63	154.57 5.33 -102.47	77.09 5.37 -22.55	65.74 4.13 -20.79	47.11 4.30 -7.74	90.57 2.62 -63.38	39.49 2.69 -9.50	29.07 2.28 -0.88
GLOBE___DSASP 323697	22.53 -1.37 0.00	22.39 -1.39 0.00	19.62 -1.28 0.00	19.35 -1.16 0.00	18.77 -0.95 0.00	23.25 -1.11 0.00	24.80 -1.37 0.00	26.25 -1.59 0.00	23.83 -1.56 0.00	25.18 -1.21 0.00	28.19 -1.03 0.00	28.65 -0.97 0.00	31.92 -1.16 0.00	41.30 -2.57 0.01	44.54 -2.47 0.00	43.64 -2.75 0.01	48.78 -3.65 0.00	42.66 -4.11 0.00	44.44 -4.74 0.00	36.84 -3.98 0.00	31.48 -3.60 0.00	22.52 -2.04 0.00	25.66 -1.63 0.00	24.48 -1.43 0.00
GOETHSLN___LBMP 323567	25.49 1.58 0.00	25.22 1.45 0.00	22.16 1.27 0.00	21.74 1.23 0.00	20.84 1.13 0.00	25.73 1.36 0.00	27.62 1.45 0.00	29.42 1.57 0.00	26.94 1.55 0.00	28.14 1.75 0.00	31.72 2.32 -0.18	38.07 2.87 -5.57	54.69 3.25 -18.36	47.98 3.85 -0.24	50.94 3.93 0.00	50.52 4.12 0.00	56.94 4.50 0.00	50.69 3.92 0.00	53.23 4.06 0.00	44.11 3.30 0.01	45.74 2.96 -7.70	60.24 1.86 -33.83	38.81 2.05 -9.46	28.61 1.83 -0.88
GOLAH___69_KV_TB 1_2 80279	23.79 -0.12 0.00	23.60 -0.18 0.00	20.66 -0.23 0.00	20.33 -0.18 0.00	19.68 -0.04 0.00	24.41 0.04 0.00	26.16 -0.02 0.00	27.82 -0.02 0.00	25.32 -0.07 0.00	26.63 0.24 0.00	29.85 0.63 0.00	30.49 0.86 0.00	33.94 0.86 0.00	44.36 0.48 0.00	47.84 0.83 0.00	47.11 0.70 0.00	52.81 0.37 0.00	46.41 -0.36 0.00	48.38 -0.79 0.00	40.03 -0.80 0.00	34.20 -0.88 0.00	24.23 -0.33 0.00	27.19 -0.10 0.00	25.73 -0.18 0.00

GOODYEAR_LAKE_HYD 323669	24.63 0.72 0.00	24.44 0.66 0.00	21.49 0.59 0.00	21.11 0.60 0.00	20.32 0.60 0.00	25.19 0.82 0.00	27.09 0.92 0.00	28.87 1.03 0.00	26.41 1.02 0.00	27.59 1.21 0.00	30.65 1.43 0.00	31.26 1.64 0.00	34.93 1.84 0.00	46.09 2.21 0.00	49.31 2.30 0.00	48.84 2.44 0.00	55.28 2.84 0.00	49.11 2.34 0.00	51.62 2.45 0.00	42.84 2.02 0.00	36.65 1.57 0.00	25.70 1.14 0.00	28.52 1.22 0.00	26.94 1.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.89 -0.02 0.00	23.71 -0.07 0.00	20.77 -0.12 0.00	20.45 -0.06 0.00	19.69 -0.03 0.00	24.45 0.09 0.00	26.29 0.12 0.00	28.00 0.16 0.00	25.58 0.19 0.00	26.71 0.32 0.00	29.89 0.68 0.00	30.47 0.85 0.00	33.96 0.88 0.00	44.88 1.00 0.00	48.21 0.92 -0.27	48.77 0.99 -1.38	55.27 1.13 -1.69	47.89 0.53 -0.59	50.75 0.56 -1.01	41.50 0.42 -0.26	35.20 0.12 0.00	24.79 0.23 0.00	27.54 0.24 0.00	26.04 0.13 0.00
GOUDEY___7 23579	23.91 0.00 0.00	23.73 -0.05 0.00	20.79 -0.11 0.00	20.46 -0.05 0.00	19.71 -0.01 0.00	24.48 0.11 0.00	26.31 0.14 0.00	28.03 0.18 0.00	25.61 0.22 0.00	26.74 0.36 0.00	29.94 0.72 0.00	30.51 0.89 0.00	34.00 0.92 0.00	44.94 1.06 0.00	48.27 0.99 -0.27	48.83 1.05 -1.38	55.33 1.20 -1.69	47.95 0.59 -0.59	50.80 0.62 -1.01	41.54 0.46 -0.26	35.24 0.16 0.00	24.82 0.25 0.00	27.56 0.26 0.00	26.05 0.14 0.00
GOUDEY___8 23580	23.89 -0.02 0.00	23.71 -0.07 0.00	20.77 -0.12 0.00	20.45 -0.06 0.00	19.69 -0.03 0.00	24.45 0.09 0.00	26.29 0.12 0.00	28.00 0.16 0.00	25.58 0.19 0.00	26.71 0.32 0.00	29.89 0.68 0.00	30.47 0.85 0.00	33.96 0.88 0.00	44.88 1.00 0.00	48.21 0.92 -0.27	48.77 0.99 -1.38	55.27 1.13 -1.69	47.89 0.53 -0.59	50.75 0.56 -1.01	41.50 0.42 -0.26	35.20 0.12 0.00	24.79 0.23 0.00	27.54 0.24 0.00	26.04 0.13 0.00
GOWANUS_GT1_1 24077	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT1_2 24078	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT1_3 24079	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT1_4 24080	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT1_5 24084	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT1_6 24111	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT1_7 24112	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT1_8 24113	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT2_1 24114	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT2_2 24115	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT2_3 24116	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22

GOWANUS_GT2_4 24117	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT2_5 24118	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT2_6 24119	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT2_7 24120	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT2_8 24121	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_1 24122	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_2 24123	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_3 24124	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_4 24125	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_5 24126	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_6 24127	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_7 24128	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT3_8 24129	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT4_1 24130	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT4_2 24131	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22

GOWANUS_GT4_3 24132	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT4_4 24133	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT4_5 24134	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT4_6 24135	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT4_7 24136	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GOWANUS_GT4_8 24137	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GREENBSH_115KV_TB3 55895	24.50 0.59 0.00	24.42 0.64 0.00	21.51 0.62 0.00	21.10 0.59 0.00	20.23 0.51 0.00	24.91 0.54 0.00	26.67 0.50 0.00	28.30 0.45 0.00	25.72 0.33 0.00	26.68 0.29 0.00	29.51 0.46 0.16	31.24 0.76 -0.86	37.74 0.81 -3.85	44.53 0.86 0.21	47.80 0.79 0.00	47.29 0.89 0.00	53.44 1.00 0.00	47.91 1.15 0.00	50.60 1.43 0.00	42.03 1.21 0.00	37.83 1.13 -1.63	37.87 0.65 -12.66	29.89 0.73 -1.87	26.71 0.62 -0.19
GREENIDGE_115KV_TB5 80291	23.79 -0.12 0.00	23.55 -0.23 0.00	20.58 -0.31 0.00	20.25 -0.26 0.00	19.56 -0.15 0.00	24.37 0.00 0.00	26.27 0.09 0.00	28.13 0.28 0.00	25.57 0.18 0.00	26.73 0.34 0.00	29.89 0.68 0.00	30.61 0.99 0.00	33.84 0.77 0.00	44.17 0.29 0.00	47.67 0.44 -0.22	48.35 0.80 -1.14	54.69 0.85 -1.40	47.37 0.11 -0.49	49.93 -0.08 -0.83	40.91 -0.12 -0.21	34.76 -0.31 0.00	24.70 0.14 0.00	27.49 0.19 0.00	25.95 0.04 0.00
GREENIDGE___3 23582	23.79 -0.12 0.00	23.55 -0.23 0.00	20.58 -0.31 0.00	20.25 -0.26 0.00	19.56 -0.15 0.00	24.37 0.00 0.00	26.27 0.09 0.00	28.13 0.28 0.00	25.57 0.18 0.00	26.73 0.34 0.00	29.89 0.68 0.00	30.61 0.99 0.00	33.84 0.77 0.00	44.17 0.29 0.00	47.67 0.44 -0.22	48.35 0.80 -1.14	54.69 0.85 -1.40	47.37 0.11 -0.49	49.93 -0.08 -0.83	40.91 -0.12 -0.21	34.76 -0.31 0.00	24.70 0.14 0.00	27.49 0.19 0.00	25.95 0.04 0.00
GREENIDGE___4 23583	23.78 -0.12 0.00	23.56 -0.22 0.00	20.58 -0.31 0.00	20.25 -0.26 0.00	19.56 -0.15 0.00	24.37 0.00 0.00	26.27 0.10 0.00	28.12 0.28 0.00	25.57 0.18 0.00	26.73 0.34 0.00	29.89 0.68 0.00	30.62 1.00 0.00	33.86 0.78 0.00	44.18 0.29 0.00	47.67 0.44 -0.22	48.34 0.80 -1.14	54.69 0.85 -1.40	47.38 0.11 -0.49	49.93 -0.08 -0.83	40.90 -0.13 -0.21	34.76 -0.32 0.00	24.70 0.14 0.00	27.49 0.19 0.00	27.41 0.04 -1.46
GREENLWN_69_KV_BK 3 55738	27.16 1.66 -1.60	27.08 1.69 -1.61	22.35 1.46 0.00	21.96 1.45 0.00	21.02 1.30 0.00	25.87 1.51 0.00	27.69 1.52 0.00	29.46 1.62 0.00	26.86 1.47 0.00	27.99 1.61 0.00	37.06 2.50 -5.34	40.80 3.03 -8.14	77.75 3.29 -41.39	57.67 3.98 -9.81	56.30 4.13 -5.16	54.06 4.37 -3.28	58.39 4.85 -1.10	150.50 4.39 -99.34	57.72 4.46 -4.08	34.78 3.52 9.56	45.87 3.07 -7.73	89.75 1.81 -63.38	38.66 1.87 -9.50	28.53 1.74 -0.88
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
GRISSOM___SOLAR 323813	26.27 2.37 0.00	26.06 2.28 0.00	22.89 2.00 0.00	22.47 1.96 0.00	21.64 1.93 0.00	26.74 2.37 0.00	28.24 2.07 0.00	30.02 2.17 0.00	26.98 1.59 0.00	27.63 1.24 0.00	30.73 1.62 0.10	30.72 1.17 0.08	33.86 1.15 0.36	45.21 1.47 0.14	49.00 1.99 0.00	47.17 0.77 0.00	54.10 1.67 0.00	51.48 4.71 0.00	54.98 5.80 0.00	46.09 5.27 0.00	40.45 4.43 -0.94	35.71 3.05 -8.10	31.57 3.08 -1.20	28.76 2.73 -0.12
GROVEVILLE___HYD 323602	25.52 1.61 0.00	25.27 1.49 0.00	22.19 1.30 0.00	21.78 1.27 0.00	20.89 1.17 0.00	25.79 1.42 0.00	27.69 1.52 0.00	29.50 1.65 0.00	26.96 1.57 0.00	28.13 1.74 0.00	31.64 2.28 -0.14	32.54 2.80 -0.11	36.76 3.20 -0.49	48.07 3.99 -0.19	51.19 4.18 0.00	50.81 4.41 0.00	57.42 4.98 0.00	51.22 4.45 0.00	53.88 4.70 0.00	44.67 3.85 0.00	41.64 3.32 -3.24	56.00 2.15 -29.29	33.91 2.25 -4.36	28.28 1.95 -0.42
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.79 -0.11 0.00	23.65 -0.13 0.00	20.74 -0.16 0.00	20.38 -0.13 0.00	19.63 -0.09 0.00	24.30 -0.07 0.00	26.13 -0.04 0.00	27.81 -0.04 0.00	23.85 0.00 1.54	26.48 0.09 0.00	29.48 0.26 0.00	30.05 0.42 0.00	33.48 0.40 0.00	44.13 0.25 0.00	48.02 0.29 -0.72	50.45 0.38 -3.67	57.31 0.37 -4.50	48.43 0.08 -1.58	51.87 0.02 -2.68	41.48 -0.02 -0.68	34.93 -0.15 0.00	24.55 -0.03 -0.01	27.28 -0.02 0.00	25.79 -0.12 0.00

HAMLTNNY_34_KV_TB 80303	23.82 -0.08 0.00	23.65 -0.13 0.00	20.75 -0.14 0.00	20.40 -0.11 0.00	19.66 -0.06 0.00	24.35 -0.02 0.00	26.18 0.01 0.00	27.84 -0.01 0.00	24.08 0.00 1.31	26.51 0.12 0.00	29.51 0.30 0.00	30.13 0.50 0.00	33.56 0.49 0.00	44.18 0.29 0.00	48.12 0.36 -0.75	50.73 0.48 -3.85	57.69 0.54 -4.72	48.57 0.14 -1.66	52.09 0.11 -2.80	41.58 0.04 -0.72	34.97 -0.11 0.00	24.61 0.04 -0.01	27.34 0.04 0.00	25.85 -0.06 0.00
HAMPSHIRE___PAPER_HYD 323593	-0.23 -0.99 23.14	7.20 -0.84 15.74	5.24 -0.72 14.93	19.89 -0.62 0.00	19.05 -0.66 0.00	23.60 -0.76 0.00	25.46 -0.71 0.00	27.00 -0.85 0.00	-17.37 -0.68 42.07	25.65 -0.74 0.00	28.15 -1.06 0.00	28.26 -1.36 0.00	31.36 -1.72 0.00	37.25 -2.08 4.55	45.61 -1.64 -0.24	45.74 -1.90 -1.24	52.21 -1.76 -1.52	46.27 -1.03 -0.53	48.88 -1.20 -0.91	39.65 -1.40 -0.23	8.97 -1.30 24.81	24.32 -0.24 0.00	26.97 -0.33 0.00	25.41 -0.49 0.00
HARDSCRABBLE_WT_PWR 323673	26.19 0.04 -2.25	25.36 0.05 -1.53	22.47 0.12 -1.45	20.65 0.14 0.00	19.89 0.17 0.00	24.58 0.21 0.00	26.32 0.15 0.00	27.99 0.14 0.00	24.05 0.06 1.40	26.38 -0.01 0.00	29.22 0.01 0.00	29.83 0.20 0.00	33.42 0.34 0.00	44.83 0.51 -0.44	47.23 0.22 0.00	46.66 0.25 0.00	52.80 0.36 0.00	47.81 1.04 0.00	50.71 1.53 0.00	42.02 1.19 0.00	38.60 0.74 -2.78	25.09 0.53 0.00	27.93 0.63 0.00	26.38 0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.34 1.44 0.00	25.08 1.30 0.00	22.02 1.12 0.00	21.60 1.09 0.00	20.72 1.00 0.00	25.59 1.22 0.00	27.50 1.33 0.00	29.30 1.46 0.00	26.80 1.41 0.00	27.97 1.58 0.00	31.47 2.10 -0.16	25.87 2.61 6.36	7.27 2.98 28.79	47.79 3.70 -0.21	50.90 3.89 0.00	50.53 4.13 0.00	57.04 4.60 0.00	50.83 4.06 0.00	53.44 4.27 0.00	44.30 3.48 0.00	29.99 2.96 8.05	-40.01 1.80 66.36	19.23 1.91 9.97	26.65 1.66 0.91
HARSNRAD_115KV_TB1 81005	22.98 -0.92 0.00	22.80 -0.97 0.00	19.95 -0.94 0.00	19.68 -0.83 0.00	19.09 -0.62 0.00	23.70 -0.67 0.00	25.31 -0.86 0.00	26.86 -0.99 0.00	24.40 -0.99 0.00	25.78 -0.61 0.00	28.97 -0.25 0.00	29.55 -0.08 0.00	32.94 -0.13 0.00	42.77 -1.12 0.00	46.13 -0.88 0.00	45.27 -1.13 0.00	50.59 -1.85 0.00	44.20 -2.57 0.00	46.02 -3.16 0.00	38.10 -2.73 0.00	32.51 -2.56 0.00	23.21 -1.35 0.00	26.35 -0.95 0.00	25.05 -0.86 0.00
HARZA MOOSE___RIVER 24016	18.76 -0.37 4.77	20.18 -0.35 3.24	17.49 -0.32 3.08	20.31 -0.21 0.00	19.53 -0.19 0.00	24.14 -0.23 0.00	26.08 -0.09 0.00	27.83 -0.01 0.00	13.75 0.11 11.75	26.47 0.09 0.00	29.20 -0.01 0.00	29.58 -0.05 0.00	32.97 -0.11 0.00	42.76 -0.18 0.94	47.43 0.21 -0.20	47.45 0.00 -1.05	54.13 0.41 -1.28	48.07 0.85 -0.45	50.79 0.85 -0.76	41.23 0.21 -0.19	35.07 -0.01 0.00	25.22 0.66 0.00	27.93 0.64 0.00	26.17 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.62 -0.28 0.00	23.48 -0.30 0.00	20.60 -0.29 0.00	20.24 -0.27 0.00	19.49 -0.23 0.00	24.13 -0.24 0.00	25.92 -0.25 0.00	27.60 -0.25 0.00	23.55 -0.17 1.67	26.31 -0.08 0.00	29.28 0.07 0.00	29.83 0.21 0.00	33.25 0.17 0.00	43.83 -0.05 0.00	47.34 -0.07 -0.39	48.44 0.02 -2.01	54.88 -0.03 -2.47	47.36 -0.28 -0.87	50.27 -0.37 -1.47	40.84 -0.35 -0.38	34.67 -0.40 0.00	24.37 -0.19 -0.01	27.11 -0.19 0.00	25.64 -0.27 0.00
HELLGATE_13_KV_LD 55870	25.59 1.68 0.00	25.34 1.56 0.00	22.29 1.40 0.00	21.86 1.35 0.00	20.97 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.33 1.94 0.00	32.27 2.55 -0.50	40.74 3.10 -8.01	65.84 3.43 -29.33	48.18 4.05 -0.24	51.08 4.06 0.00	50.65 4.25 0.00	57.14 4.70 0.00	50.88 4.11 0.00	53.42 4.25 0.00	44.39 3.57 0.00	45.99 3.22 -7.69	89.71 2.01 -63.14	38.98 2.23 -9.46	28.76 1.98 -0.88
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.59 1.68 0.00	25.34 1.56 0.00	22.29 1.40 0.00	21.86 1.35 0.00	20.97 1.25 0.00	25.84 1.48 0.00	27.78 1.61 0.00	29.62 1.78 0.00	27.14 1.75 0.00	28.33 1.94 0.00	32.27 2.55 -0.50	40.74 3.10 -8.01	65.84 3.43 -29.33	48.18 4.05 -0.24	51.08 4.06 0.00	50.65 4.25 0.00	57.14 4.70 0.00	50.88 4.11 0.00	53.42 4.25 0.00	44.39 3.57 0.00	45.99 3.22 -7.69	89.71 2.01 -63.14	38.98 2.23 -9.46	28.76 1.98 -0.88
HEMPSTEAD____ 23647	27.26 1.76 -1.60	27.14 1.75 -1.61	22.39 1.50 0.00	21.98 1.47 0.00	21.05 1.33 0.00	25.94 1.58 0.00	27.81 1.64 0.00	29.64 1.79 0.00	27.10 1.71 0.00	28.29 1.90 0.00	37.28 2.73 -5.34	41.01 3.25 -8.14	82.87 3.65 -46.13	58.12 4.42 -9.81	56.69 4.52 -5.16	54.38 4.69 -3.28	61.29 5.21 -3.64	165.99 4.71 -114.51	63.85 4.78 -9.90	44.63 3.81 0.00	46.16 3.35 -7.73	90.02 2.07 -63.38	39.01 2.21 -9.50	28.81 2.02 -0.88
HEWLETT_69_KV_BK3 55828	27.46 1.97 -1.60	27.30 1.91 -1.61	22.53 1.64 0.00	22.12 1.61 0.00	21.18 1.46 0.00	26.12 1.75 0.00	28.01 1.84 0.00	29.86 2.01 0.00	27.30 1.91 0.00	28.51 2.13 0.00	37.52 2.97 -5.34	41.30 3.54 -8.14	80.62 3.96 -43.58	58.37 4.68 -9.81	56.99 4.82 -5.16	54.54 4.85 -3.28	60.36 5.54 -2.38	158.71 4.94 -107.00	63.86 4.78 -9.90	44.89 4.06 0.00	46.56 3.76 -7.73	90.30 2.36 -63.38	39.33 2.54 -9.50	29.07 2.28 -0.88
HICKLING___1 23621	23.57 -0.33 0.00	23.35 -0.43 0.00	20.35 -0.54 0.00	20.06 -0.45 0.00	19.36 -0.35 0.00	24.20 -0.17 0.00	26.11 -0.07 0.00	28.13 0.29 0.00	25.50 0.11 0.00	26.73 0.34 0.00	30.18 0.97 0.00	30.72 1.09 0.00	34.15 1.08 0.00	45.20 1.32 0.00	48.50 1.27 -0.22	48.94 1.40 -1.14	55.25 1.41 -1.40	47.57 0.31 -0.49	50.27 0.27 -0.83	41.15 0.12 -0.21	34.77 -0.31 0.00	24.61 0.05 0.00	27.36 0.07 0.00	25.88 -0.03 0.00
HICKLING___2 23622	23.57 -0.33 0.00	23.35 -0.43 0.00	20.35 -0.54 0.00	20.06 -0.45 0.00	19.36 -0.35 0.00	24.20 -0.17 0.00	26.11 -0.07 0.00	28.13 0.29 0.00	25.50 0.11 0.00	26.73 0.34 0.00	30.18 0.97 0.00	30.72 1.09 0.00	34.15 1.08 0.00	45.20 1.32 0.00	48.50 1.27 -0.22	48.94 1.40 -1.14	55.25 1.41 -1.40	47.57 0.31 -0.49	50.27 0.27 -0.83	41.15 0.12 -0.21	34.77 -0.31 0.00	24.61 0.05 0.00	27.36 0.07 0.00	25.88 -0.03 0.00
HIGH FALLS___HY 23754	25.48 1.58 0.00	25.18 1.40 0.00	22.11 1.22 0.00	21.69 1.18 0.00	20.82 1.10 0.00	25.72 1.35 0.00	27.64 1.46 0.00	29.45 1.61 0.00	26.97 1.58 0.00	28.13 1.74 0.00	31.55 2.25 -0.09	32.43 2.74 -0.07	36.54 3.16 -0.30	48.03 4.03 -0.12	51.22 4.21 0.00	50.97 4.57 0.00	57.59 5.15 0.00	51.43 4.66 0.00	54.02 4.85 0.00	44.79 3.97 0.00	37.55 3.37 0.89	18.90 2.01 7.67	28.26 2.10 1.13	27.58 1.79 0.12
HIGH_RIVER___SOLAR 323847	24.88 0.98 0.00	24.71 0.93 0.00	21.71 0.82 0.00	21.32 0.80 0.00	20.48 0.76 0.00	25.30 0.94 0.00	27.15 0.97 0.00	28.82 0.97 0.00	26.25 0.85 0.00	27.33 0.94 0.00	30.17 1.08 0.13	31.18 1.21 -0.34	37.60 1.30 -3.23	45.27 1.57 0.18	48.66 1.65 0.00	47.98 1.58 0.00	54.29 1.85 0.00	48.84 2.06 0.00	51.57 2.39 0.00	42.89 2.07 0.00	38.23 1.79 -1.36	36.33 1.18 -10.58	30.12 1.26 -1.56	27.14 1.07 -0.16

HILLBURN___GT 23639	25.29 1.38 0.00	25.02 1.24 0.00	21.97 1.08 0.00	21.56 1.05 0.00	20.68 0.96 0.00	25.54 1.17 0.00	27.45 1.28 0.00	29.25 1.40 0.00	26.75 1.36 0.00	27.89 1.51 0.00	31.39 2.02 -0.16	24.71 2.51 7.43	2.26 2.85 33.66	47.58 3.48 -0.21	50.62 3.61 0.00	50.25 3.85 0.00	56.66 4.22 0.00	50.49 3.72 0.00	53.05 3.87 0.00	44.00 3.18 0.00	28.98 2.76 8.87	-46.55 1.70 72.81	18.17 1.83 10.95	26.52 1.61 0.99
HILLSIDE_115KV_TB1 80332	23.34 -0.56 0.00	23.14 -0.64 0.00	20.20 -0.70 0.00	19.93 -0.58 0.00	19.22 -0.50 0.00	23.99 -0.38 0.00	25.83 -0.34 0.00	27.77 -0.07 0.00	25.17 -0.22 0.00	26.34 -0.05 0.00	29.74 0.52 0.00	30.25 0.63 0.00	33.69 0.61 0.00	44.63 0.75 0.00	47.82 0.58 -0.23	48.19 0.61 -1.18	54.48 0.59 -1.44	46.95 -0.33 -0.51	49.69 -0.34 -0.86	40.68 -0.36 -0.22	34.33 -0.75 0.00	24.32 -0.24 0.00	27.00 -0.30 0.00	25.53 -0.38 0.00
HISHELDN_WT_PWR 323625	23.03 -0.87 0.00	22.78 -1.00 0.00	19.86 -1.03 0.00	19.58 -0.93 0.00	19.00 -0.72 0.00	23.73 -0.63 0.00	25.51 -0.66 0.00	27.20 -0.65 0.00	24.79 -0.60 0.00	26.16 -0.23 0.00	29.47 0.26 0.00	30.05 0.42 0.00	33.45 0.36 0.00	43.72 -0.16 0.00	46.99 -0.03 0.00	46.22 -0.19 0.00	51.69 -0.75 0.00	45.11 -1.66 0.00	47.17 -2.00 0.00	38.99 -1.83 0.00	33.22 -1.86 0.00	23.67 -0.89 0.00	26.68 -0.61 0.00	22.96 -0.60 2.35
HOLTSVILLE_IC_1 23690	27.23 1.73 -1.60	27.12 1.74 -1.61	22.38 1.49 0.00	21.99 1.48 0.00	21.03 1.31 0.00	25.89 1.53 0.00	27.72 1.55 0.00	29.54 1.69 0.00	26.90 1.51 0.00	28.09 1.70 0.00	37.20 2.65 -5.34	40.98 3.21 -8.14	77.71 3.51 -41.13	58.05 4.36 -9.81	56.64 4.47 -5.16	54.39 4.70 -3.29	59.24 5.21 -1.59	153.77 4.74 -102.26	75.80 4.88 -21.75	64.19 3.90 -19.47	46.27 3.46 -7.74	89.99 2.05 -63.38	38.93 2.13 -9.50	28.72 1.94 -0.88
HOLTSVILLE_IC_10 23699	27.36 1.86 -1.60	27.25 1.86 -1.61	22.48 1.59 0.00	22.08 1.56 0.00	21.12 1.40 0.00	26.00 1.64 0.00	27.84 1.67 0.00	29.68 1.83 0.00	27.05 1.66 0.00	28.25 1.86 0.00	37.41 2.85 -5.34	41.20 3.43 -8.14	78.05 3.78 -41.19	58.43 4.73 -9.81	57.09 4.91 -5.16	54.83 5.14 -3.29	59.90 5.72 -1.74	155.12 5.20 -103.15	79.56 5.37 -25.02	69.97 4.30 -24.85	46.58 3.77 -7.74	90.19 2.25 -63.38	39.13 2.34 -9.50	28.89 2.10 -0.88
HOLTSVILLE_IC_2 23691	27.23 1.73 -1.60	27.12 1.74 -1.61	22.38 1.49 0.00	21.99 1.48 0.00	21.03 1.31 0.00	25.89 1.53 0.00	27.72 1.55 0.00	29.54 1.69 0.00	26.90 1.51 0.00	28.09 1.70 0.00	37.20 2.65 -5.34	40.98 3.21 -8.14	77.71 3.51 -41.13	58.05 4.36 -9.81	56.64 4.47 -5.16	54.39 4.70 -3.29	59.24 5.21 -1.59	153.77 4.74 -102.26	75.80 4.88 -21.75	64.19 3.90 -19.47	46.27 3.46 -7.74	89.99 2.05 -63.38	38.93 2.13 -9.50	28.72 1.94 -0.88
HOLTSVILLE_IC_3 23692	27.23 1.73 -1.60	27.12 1.74 -1.61	22.38 1.49 0.00	21.99 1.48 0.00	21.03 1.31 0.00	25.89 1.53 0.00	27.72 1.55 0.00	29.54 1.69 0.00	26.90 1.51 0.00	28.09 1.70 0.00	37.20 2.65 -5.34	40.98 3.21 -8.14	77.71 3.51 -41.13	58.05 4.36 -9.81	56.64 4.47 -5.16	54.39 4.70 -3.29	59.24 5.21 -1.59	153.77 4.74 -102.26	75.80 4.88 -21.75	64.19 3.90 -19.47	46.27 3.46 -7.74	89.99 2.05 -63.38	38.93 2.13 -9.50	28.72 1.94 -0.88
HOLTSVILLE_IC_4 23693	27.23 1.73 -1.60	27.12 1.74 -1.61	22.38 1.49 0.00	21.99 1.48 0.00	21.03 1.31 0.00	25.89 1.53 0.00	27.72 1.55 0.00	29.54 1.69 0.00	26.90 1.51 0.00	28.09 1.70 0.00	37.20 2.65 -5.34	40.98 3.21 -8.14	77.71 3.51 -41.13	58.05 4.36 -9.81	56.64 4.47 -5.16	54.39 4.70 -3.29	59.24 5.21 -1.59	153.77 4.74 -102.26	75.80 4.88 -21.75	64.19 3.90 -19.47	46.27 3.46 -7.74	89.99 2.05 -63.38	38.93 2.13 -9.50	28.72 1.94 -0.88
HOLTSVILLE_IC_5 23694	27.23 1.73 -1.60	27.12 1.74 -1.61	22.38 1.49 0.00	21.99 1.48 0.00	21.03 1.31 0.00	25.89 1.53 0.00	27.72 1.55 0.00	29.54 1.69 0.00	26.90 1.51 0.00	28.09 1.70 0.00	37.20 2.65 -5.34	40.98 3.21 -8.14	77.71 3.51 -41.13	58.05 4.36 -9.81	56.64 4.47 -5.16	54.39 4.70 -3.29	59.24 5.21 -1.59	153.77 4.74 -102.26	75.80 4.88 -21.75	64.19 3.90 -19.47	46.27 3.46 -7.74	89.99 2.05 -63.38	38.93 2.13 -9.50	28.72 1.94 -0.88
HOLTSVILLE_IC_6 23695	27.36 1.86 -1.60	27.25 1.86 -1.61	22.48 1.59 0.00	22.08 1.56 0.00	21.12 1.40 0.00	26.00 1.64 0.00	27.84 1.67 0.00	29.68 1.83 0.00	27.05 1.66 0.00	28.25 1.86 0.00	37.41 2.85 -5.34	41.20 3.43 -8.14	78.05 3.78 -41.19	58.43 4.73 -9.81	57.09 4.91 -5.16	54.83 5.14 -3.29	59.90 5.72 -1.74	155.12 5.20 -103.15	79.56 5.37 -25.02	69.97 4.30 -24.85	46.58 3.77 -7.74	90.19 2.25 -63.38	39.13 2.34 -9.50	28.89 2.10 -0.88
HOLTSVILLE_IC_7 23696	27.36 1.86 -1.60	27.25 1.86 -1.61	22.48 1.59 0.00	22.08 1.56 0.00	21.12 1.40 0.00	26.00 1.64 0.00	27.84 1.67 0.00	29.68 1.83 0.00	27.05 1.66 0.00	28.25 1.86 0.00	37.41 2.85 -5.34	41.20 3.43 -8.14	78.05 3.78 -41.19	58.43 4.73 -9.81	57.09 4.91 -5.16	54.83 5.14 -3.29	59.90 5.72 -1.74	155.12 5.20 -103.15	79.56 5.37 -25.02	69.97 4.30 -24.85	46.58 3.77 -7.74	90.19 2.25 -63.38	39.13 2.34 -9.50	28.89 2.10 -0.88
HOLTSVILLE_IC_8 23697	27.36 1.86 -1.60	27.25 1.86 -1.61	22.48 1.59 0.00	22.08 1.56 0.00	21.12 1.40 0.00	26.00 1.64 0.00	27.84 1.67 0.00	29.68 1.83 0.00	27.05 1.66 0.00	28.25 1.86 0.00	37.41 2.85 -5.34	41.20 3.43 -8.14	78.05 3.78 -41.19	58.43 4.73 -9.81	57.09 4.91 -5.16	54.83 5.14 -3.29	59.90 5.72 -1.74	155.12 5.20 -103.15	79.56 5.37 -25.02	69.97 4.30 -24.85	46.58 3.77 -7.74	90.19 2.25 -63.38	39.13 2.34 -9.50	28.89 2.10 -0.88
HOLTSVILLE_IC_9 23698	27.36 1.86 -1.60	27.25 1.86 -1.61	22.48 1.59 0.00	22.08 1.56 0.00	21.12 1.40 0.00	26.00 1.64 0.00	27.84 1.67 0.00	29.68 1.83 0.00	27.05 1.66 0.00	28.25 1.86 0.00	37.41 2.85 -5.34	41.20 3.43 -8.14	78.05 3.78 -41.19	58.43 4.73 -9.81	57.09 4.91 -5.16	54.83 5.14 -3.29	59.90 5.72 -1.74	155.12 5.20 -103.15	79.56 5.37 -25.02	69.97 4.30 -24.85	46.58 3.77 -7.74	90.19 2.25 -63.38	39.13 2.34 -9.50	28.89 2.10 -0.88
HOMER_HL_115KV_TB2 355744	23.35 -0.55 0.00	23.09 -0.69 0.00	20.17 -0.72 0.00	19.94 -0.57 0.00	19.29 -0.43 0.00	24.12 -0.24 0.00	25.94 -0.23 0.00	27.58 -0.27 0.00	25.19 -0.21 0.00	26.46 0.07 0.00	29.74 0.53 0.00	30.03 0.40 0.00	33.35 0.27 0.00	43.88 0.00 0.00	46.97 -0.04 0.00	46.24 -0.17 0.00	51.66 -0.78 0.00	45.02 -1.75 0.00	47.23 -1.95 0.00	39.04 -1.78 0.00	33.22 -1.85 0.00	23.97 -0.60 0.00	28.29 1.00 0.00	27.11 1.20 0.00
HOWARD_WT_PWR 323690	22.88 -1.03 0.00	22.66 -1.12 0.00	19.68 -1.22 0.00	19.29 -1.22 0.00	18.68 -1.03 0.00	23.54 -0.82 0.00	25.56 -0.61 0.00	27.61 -0.24 0.00	25.18 -0.21 0.00	26.52 0.13 0.00	30.06 0.84 0.00	30.71 1.09 0.00	34.02 0.94 0.00	44.94 1.06 0.00	48.35 1.18 -0.16	48.64 1.40 -0.84	54.57 1.10 -1.03	46.90 -0.23 -0.36	49.59 -0.19 -0.61	40.72 -0.26 -0.16	34.53 -0.55 0.00	24.47 -0.09 0.00	27.51 0.22 0.00	27.85 0.18 -1.77

HQ_GEN_CEDARS 23644	-18.04 -0.61 41.34	-4.86 -0.52 28.12	-6.20 -0.42 26.67	20.13 -0.38 0.00	19.32 -0.40 0.00	23.83 -0.53 0.00	25.67 -0.50 0.00	27.29 -0.55 0.00	-62.23 -0.57 87.05	25.75 -0.63 0.00	28.24 -0.97 0.00	28.22 -1.40 0.00	31.51 -1.57 0.00	34.09 -1.66 8.13	45.50 -1.51 0.00	44.62 -1.78 0.00	50.59 -1.85 0.00	45.27 -1.50 0.00	47.43 -1.75 0.00	39.36 -1.46 0.00	27.50 -1.17 6.40	23.84 -0.72 0.00	26.50 -0.79 0.00	25.28 -0.63 0.00
HQ_GEN_CEDARS_PROXY 323590	-18.39 -0.61 41.69	-4.86 -0.52 28.12	-6.20 -0.42 26.67	20.13 -0.38 0.00	19.32 -0.40 0.00	23.83 -0.53 0.00	25.67 -0.50 0.00	27.29 -0.55 0.00	-62.23 -0.57 87.05	25.75 -0.63 0.00	14.80 -0.97 13.44	21.89 -1.40 6.33	16.04 -1.57 15.47	18.98 -1.66 23.24	22.04 -1.51 23.46	21.17 -1.78 23.45	27.50 -1.85 23.08	23.24 -1.50 22.03	24.31 -1.75 23.12	19.41 -1.46 19.96	12.90 -1.17 21.00	10.70 -0.72 13.13	10.58 -0.80 15.92	11.97 -0.63 13.31
HQ_GEN_IMPORT 323601	13.35 -0.26 10.30	16.66 -0.22 6.90	14.16 -0.18 6.55	20.32 -0.19 0.00	19.54 -0.18 0.00	24.15 -0.21 0.00	25.99 -0.19 0.00	27.67 -0.17 0.00	28.32 -0.18 -3.11	26.12 -0.27 0.00	28.70 -0.51 0.00	22.28 -0.85 6.50	32.54 -0.89 -0.35	42.44 -0.82 0.63	46.26 -0.75 0.00	45.53 -0.87 0.00	51.48 -0.95 0.00	45.97 -0.81 0.00	48.23 -0.95 0.00	40.07 -0.75 0.00	32.70 -0.62 1.76	24.50 -0.42 -0.36	26.83 -0.46 0.00	25.61 -0.30 0.00
HQ_GEN_WHEEL 23651	13.35 -0.26 10.30	16.66 -0.22 6.90	14.16 -0.18 6.55	20.32 -0.19 0.00	19.54 -0.18 0.00	24.15 -0.21 0.00	25.99 -0.19 0.00	27.67 -0.17 0.00	28.32 -0.18 -3.11	26.12 -0.27 0.00	28.70 -0.51 0.00	22.28 -0.85 6.50	32.54 -0.89 -0.35	42.44 -0.82 0.63	46.26 -0.75 0.00	45.53 -0.87 0.00	51.48 -0.95 0.00	45.97 -0.81 0.00	48.23 -0.95 0.00	40.07 -0.75 0.00	32.70 -0.62 1.76	24.50 -0.42 -0.36	26.83 -0.46 0.00	25.61 -0.30 0.00
HUDSON AVE_GT_3 23810	25.63 1.72 0.00	25.36 1.58 0.00	22.29 1.39 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.87 1.50 0.00	27.78 1.61 0.00	29.61 1.77 0.00	27.12 1.73 0.00	28.34 1.96 0.00	31.96 2.56 -0.18	39.37 3.14 -6.60	65.88 3.53 -29.27	48.36 4.23 -0.24	51.32 4.31 0.00	50.90 4.50 0.00	57.40 4.96 0.00	51.12 4.34 0.00	53.69 4.52 0.00	44.50 3.68 0.00	46.06 3.29 -7.70	89.76 2.05 -63.15	39.02 2.26 -9.46	28.79 2.00 -0.88
HUDSON AVE_GT_4 23540	25.63 1.72 0.00	25.36 1.58 0.00	22.29 1.39 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.87 1.50 0.00	27.78 1.61 0.00	29.61 1.77 0.00	27.12 1.73 0.00	28.34 1.96 0.00	31.96 2.56 -0.18	39.37 3.14 -6.60	65.88 3.53 -29.27	48.36 4.23 -0.24	51.32 4.31 0.00	50.90 4.50 0.00	57.40 4.96 0.00	51.12 4.34 0.00	53.69 4.52 0.00	44.50 3.68 0.00	46.06 3.29 -7.70	89.76 2.05 -63.15	39.02 2.26 -9.46	28.79 2.00 -0.88
HUDSON AVE_GT_5 23657	25.63 1.72 0.00	25.36 1.58 0.00	22.29 1.39 0.00	21.86 1.35 0.00	20.96 1.25 0.00	25.87 1.50 0.00	27.78 1.61 0.00	29.61 1.77 0.00	27.12 1.73 0.00	28.34 1.96 0.00	31.96 2.56 -0.18	39.37 3.14 -6.60	65.88 3.53 -29.27	48.36 4.23 -0.24	51.32 4.31 0.00	50.90 4.50 0.00	57.40 4.96 0.00	51.12 4.34 0.00	53.69 4.52 0.00	44.50 3.68 0.00	46.06 3.29 -7.70	89.76 2.05 -63.15	39.02 2.26 -9.46	28.79 2.00 -0.88
HUDSON_AVE_10 24168	25.57 1.67 0.00	25.30 1.53 0.00	22.25 1.36 0.00	21.83 1.31 0.00	20.92 1.21 0.00	25.82 1.46 0.00	27.73 1.56 0.00	29.55 1.70 0.00	27.05 1.67 0.00	28.28 1.89 0.00	31.88 2.48 -0.18	39.29 3.06 -6.60	65.77 3.42 -29.27	48.23 4.10 -0.24	51.19 4.18 0.00	50.76 4.36 0.00	57.27 4.83 0.00	51.01 4.24 0.00	53.56 4.39 0.00	44.40 3.58 0.00	45.98 3.21 -7.70	89.71 2.00 -63.15	38.94 2.18 -9.46	28.73 1.94 -0.88
HUDSON___115KV_TB 4 355613	25.04 1.13 0.00	24.96 1.18 0.00	21.95 1.06 0.00	21.54 1.03 0.00	20.66 0.94 0.00	25.47 1.10 0.00	27.30 1.13 0.00	28.97 1.13 0.00	26.23 0.84 0.00	27.14 0.75 0.00	30.05 0.95 0.11	31.61 1.25 -0.74	37.87 3.53 -3.33	45.46 4.23 0.14	48.61 4.31 0.00	48.17 4.50 0.00	54.46 4.96 0.00	49.04 4.34 0.00	52.01 4.52 0.00	43.33 3.68 0.00	38.60 3.29 -7.70	35.96 2.05 -63.15	30.24 2.26 -9.46	27.31 2.00 -0.15
HUNTER MOUNT___DRP 323613	25.17 1.26 0.00	25.10 1.32 0.00	22.08 1.18 0.00	21.66 1.15 0.00	20.77 1.05 0.00	25.61 1.24 0.00	27.46 1.28 0.00	29.12 1.28 0.00	26.34 0.95 0.00	27.22 0.83 0.00	30.16 1.02 0.07	30.88 1.31 0.05	34.38 1.53 0.22	45.60 1.80 0.09	48.69 1.68 0.00	48.23 1.83 0.00	54.55 2.11 0.00	49.22 2.44 0.00	52.30 3.13 0.00	43.63 2.80 0.00	38.38 2.45 -0.84	33.37 1.56 -7.25	30.01 1.65 -1.07	27.41 1.40 -0.11
HUNTINGTON_RES_REC 323705	27.26 1.76 -1.60	27.16 1.78 -1.61	22.41 1.52 0.00	22.01 1.50 0.00	21.06 1.34 0.00	25.92 1.55 0.00	27.74 1.57 0.00	29.55 1.70 0.00	26.92 1.53 0.00	28.10 1.71 0.00	37.22 2.67 -5.34	40.99 3.23 -8.14	77.86 3.53 -41.25	58.09 4.40 -9.81	56.77 4.59 -5.16	54.53 4.82 -3.30	60.77 5.37 -2.96	161.99 4.86 -110.35	112.90 4.98 -58.74	125.07 4.00 -80.25	46.29 3.46 -7.76	89.98 2.04 -63.38	38.90 2.10 -9.50	28.70 1.91 -0.88
HUNTLEY___63 23557	23.17 -0.74 0.00	22.99 -0.79 0.00	20.10 -0.79 0.00	19.82 -0.69 0.00	19.22 -0.49 0.00	23.87 -0.49 0.00	25.52 -0.66 0.00	27.09 -0.76 0.00	24.65 -0.74 0.00	26.06 -0.33 0.00	29.28 0.07 0.00	29.84 0.21 0.00	33.27 0.19 0.00	43.16 -0.73 -0.01	46.50 -0.51 0.00	45.58 -0.83 -0.02	50.87 -1.57 0.00	44.43 -2.34 0.00	46.25 -2.92 0.00	38.27 -2.55 0.00	32.70 -2.37 0.00	23.37 -1.20 0.00	26.49 -0.80 0.00	25.20 -0.70 0.00
HUNTLEY___64 23558	23.17 -0.74 0.00	22.99 -0.79 0.00	20.10 -0.79 0.00	19.82 -0.69 0.00	19.22 -0.49 0.00	23.87 -0.49 0.00	25.52 -0.66 0.00	27.09 -0.76 0.00	24.65 -0.74 0.00	26.06 -0.33 0.00	29.28 0.07 0.00	29.84 0.21 0.00	33.27 0.19 0.00	43.16 -0.73 -0.01	46.50 -0.51 0.00	45.58 -0.83 -0.02	50.87 -1.57 0.00	44.43 -2.34 0.00	46.25 -2.92 0.00	38.27 -2.55 0.00	32.70 -2.37 0.00	23.37 -1.20 0.00	26.49 -0.80 0.00	25.20 -0.70 0.00
HUNTLEY___65 23559	23.17 -0.74 0.00	22.99 -0.79 0.00	20.10 -0.79 0.00	19.82 -0.69 0.00	19.22 -0.49 0.00	23.87 -0.49 0.00	25.52 -0.66 0.00	27.09 -0.76 0.00	24.65 -0.74 0.00	26.06 -0.33 0.00	29.28 0.07 0.00	29.84 0.21 0.00	33.27 0.19 0.00	43.16 -0.73 -0.01	46.50 -0.51 0.00	45.58 -0.83 -0.02	50.87 -1.57 0.00	44.43 -2.34 0.00	46.25 -2.92 0.00	38.27 -2.55 0.00	32.70 -2.37 0.00	23.37 -1.20 0.00	26.49 -0.80 0.00	25.20 -0.70 0.00
HUNTLEY___66 23560	23.17 -0.74 0.00	22.99 -0.79 0.00	20.10 -0.79 0.00	19.82 -0.69 0.00	19.22 -0.49 0.00	23.87 -0.49 0.00	25.52 -0.66 0.00	27.09 -0.76 0.00	24.65 -0.74 0.00	26.06 -0.33 0.00	29.28 0.07 0.00	29.84 0.21 0.00	33.27 0.19 0.00	43.16 -0.73 -0.01	46.50 -0.51 0.00	45.58 -0.83 -0.02	50.87 -1.57 0.00	44.43 -2.34 0.00	46.25 -2.92 0.00	38.27 -2.55 0.00	32.70 -2.37 0.00	23.37 -1.20 0.00	26.49 -0.80 0.00	25.20 -0.70 0.00

HUNTLEY___67 23561	22.95 -0.96 0.00	22.76 -1.01 0.00	19.91 -0.98 0.00	19.64 -0.87 0.00	19.05 -0.67 0.00	23.68 -0.69 0.00	25.32 -0.86 0.00	26.87 -0.97 0.00	24.44 -0.95 0.00	25.83 -0.56 0.00	29.03 -0.18 0.00	29.59 -0.04 0.00	32.96 -0.12 0.00	42.91 -0.98 0.00	46.21 -0.81 0.00	45.31 -1.10 0.00	50.67 -1.77 0.00	44.26 -2.51 0.00	46.14 -3.04 0.00	38.18 -2.64 0.00	32.59 -2.49 0.00	23.26 -1.30 0.00	26.31 -0.98 0.00	24.99 -0.91 0.00
HUNTLEY___68 23562	22.95 -0.96 0.00	22.76 -1.01 0.00	19.91 -0.98 0.00	19.64 -0.87 0.00	19.05 -0.67 0.00	23.68 -0.69 0.00	25.32 -0.86 0.00	26.87 -0.97 0.00	24.44 -0.95 0.00	25.83 -0.56 0.00	29.03 -0.18 0.00	29.59 -0.04 0.00	32.96 -0.12 0.00	42.91 -0.98 0.00	46.21 -0.81 0.00	45.31 -1.10 0.00	50.67 -1.77 0.00	44.26 -2.51 0.00	46.14 -3.04 0.00	38.18 -2.64 0.00	32.59 -2.49 0.00	23.26 -1.30 0.00	26.31 -0.98 0.00	24.99 -0.91 0.00
HYLAND___LFG 323620	24.42 0.52 0.00	24.16 0.39 0.00	21.03 0.14 0.00	20.69 0.18 0.00	20.03 0.31 0.00	25.02 0.65 0.00	27.00 0.83 0.00	28.79 0.94 0.00	25.89 0.50 0.00	26.94 0.55 0.00	30.22 1.01 0.00	30.39 0.76 0.00	33.48 0.39 0.00	43.96 0.08 0.00	47.28 0.26 0.00	47.62 1.22 0.00	53.77 1.33 0.00	47.10 0.33 0.00	49.12 -0.05 0.00	40.74 -0.09 0.00	34.78 -0.30 0.00	25.14 0.58 0.00	28.38 1.08 0.00	26.75 0.85 0.00
INDECK___CORINTH 23802	25.09 1.19 0.00	24.82 1.05 0.00	21.77 0.88 0.00	21.39 0.88 0.00	20.47 0.76 0.00	25.35 0.98 0.00	27.30 1.13 0.00	28.97 1.12 0.00	26.25 0.86 0.00	27.34 0.95 0.00	29.89 0.85 0.17	31.48 1.10 -0.76	37.56 1.00 -3.48	45.05 1.40 0.23	48.32 1.31 0.00	47.73 1.33 0.00	54.04 1.60 0.00	48.87 2.10 0.00	52.00 2.83 0.00	43.30 2.49 0.00	38.78 2.18 -1.51	37.70 1.34 -11.81	30.51 1.48 -1.74	27.28 1.20 -0.18
INDECK___ILION 23567	26.35 0.20 -2.25	25.49 0.18 -1.53	22.53 0.18 -1.45	20.69 0.18 0.00	19.89 0.17 0.00	24.58 0.22 0.00	26.37 0.20 0.00	28.05 0.20 0.00	24.15 0.16 1.40	26.52 0.13 0.00	29.42 0.21 0.00	29.99 0.37 0.00	33.52 0.44 0.00	44.84 0.52 -0.44	47.40 0.39 0.00	46.83 0.43 0.00	52.98 0.54 0.00	47.59 0.82 0.00	50.26 1.08 0.00	41.70 0.87 0.00	38.54 0.68 -2.78	25.00 0.44 0.00	27.77 0.47 0.00	26.26 0.35 0.00
INDECK___OLEAN 23982	23.35 -0.55 0.00	23.09 -0.69 0.00	20.17 -0.72 0.00	19.94 -0.57 0.00	19.29 -0.43 0.00	24.12 -0.24 0.00	25.95 -0.22 0.00	27.58 -0.26 0.00	25.19 -0.21 0.00	26.46 0.07 0.00	29.74 0.53 0.00	30.06 0.43 0.00	33.38 0.30 0.00	43.88 0.00 0.00	46.97 -0.04 0.00	46.24 -0.17 0.00	51.65 -0.79 0.00	45.02 -1.75 0.00	47.24 -1.94 0.00	39.03 -1.79 0.00	33.22 -1.85 0.00	23.98 -0.58 0.00	28.30 1.00 0.00	24.53 1.20 2.58
INDECK___OSWEGO 23783	22.16 -0.60 1.14	22.40 -0.60 0.78	19.61 -0.55 0.74	20.00 -0.52 0.00	19.24 -0.47 0.00	23.80 -0.56 0.00	25.57 -0.60 0.00	27.19 -0.66 0.00	22.05 -0.57 2.78	25.86 -0.53 0.00	28.69 -0.52 0.00	29.11 -0.51 0.00	32.31 -0.76 0.00	42.38 -1.28 0.22	47.42 -1.33 -1.74	54.02 -1.30 -8.91	61.93 -1.43 -10.92	49.21 -1.40 -3.83	54.18 -1.49 -6.50	41.17 -1.32 -1.66	30.86 -1.16 3.05	24.04 -0.54 -0.02	26.75 -0.55 0.00	25.29 -0.62 0.00
INDECK___YERKES 23781	23.21 -0.69 0.00	23.02 -0.76 0.00	20.12 -0.77 0.00	19.84 -0.67 0.00	19.24 -0.47 0.00	23.90 -0.46 0.00	25.56 -0.62 0.00	27.12 -0.73 0.00	24.69 -0.70 0.00	26.10 -0.29 0.00	29.32 0.10 0.00	29.92 0.29 0.00	33.35 0.27 0.00	43.22 -0.67 -0.01	46.56 -0.45 0.00	45.64 -0.78 -0.02	50.92 -1.52 0.00	44.49 -2.29 0.00	46.32 -2.85 0.00	38.31 -2.52 0.00	32.75 -2.33 0.00	23.41 -1.15 0.00	26.54 -0.75 0.00	20.49 -0.67 4.75
INDIAN POINT_GT_1 24139	25.31 1.41 0.00	25.07 1.29 0.00	22.03 1.14 0.00	21.61 1.10 0.00	20.73 1.01 0.00	25.58 1.22 0.00	27.47 1.30 0.00	29.26 1.42 0.00	26.76 1.37 0.00	27.91 1.52 0.00	31.43 2.04 -0.18	39.14 2.54 -6.97	67.52 2.87 -31.57	47.58 3.46 -0.24	50.56 3.55 0.00	50.16 3.76 0.00	56.59 4.15 0.00	50.45 3.68 0.00	53.03 3.86 0.00	43.98 3.16 0.00	46.17 2.79 -8.29	131.65 1.72 -105.37	46.02 1.86 -16.86	28.47 1.63 -0.94
INDIAN POINT_GT_2 23659	25.31 1.41 0.00	25.07 1.29 0.00	22.03 1.14 0.00	21.61 1.10 0.00	20.73 1.01 0.00	25.58 1.22 0.00	27.47 1.30 0.00	29.26 1.42 0.00	26.76 1.37 0.00	27.91 1.52 0.00	31.43 2.04 -0.18	39.14 2.54 -6.97	67.52 2.87 -31.57	47.58 3.46 -0.24	50.56 3.55 0.00	50.16 3.76 0.00	56.59 4.15 0.00	50.45 3.68 0.00	53.03 3.86 0.00	43.98 3.16 0.00	46.17 2.79 -8.29	131.65 1.72 -105.37	46.02 1.86 -16.86	28.47 1.63 -0.94
INDIAN POINT_GT_3 24019	25.31 1.41 0.00	25.07 1.29 0.00	22.03 1.14 0.00	21.61 1.10 0.00	20.73 1.01 0.00	25.58 1.22 0.00	27.47 1.30 0.00	29.26 1.42 0.00	26.76 1.37 0.00	27.91 1.52 0.00	31.43 2.04 -0.18	39.14 2.54 -6.97	67.52 2.87 -31.57	47.58 3.46 -0.24	50.56 3.55 0.00	50.16 3.76 0.00	56.59 4.15 0.00	50.45 3.68 0.00	53.03 3.86 0.00	43.98 3.16 0.00	46.17 2.79 -8.29	131.65 1.72 -105.37	46.02 1.86 -16.86	28.47 1.63 -0.94
INDIAN POINT___2 23530	25.28 1.37 0.00	25.02 1.25 0.00	21.98 1.09 0.00	21.57 1.06 0.00	20.69 0.97 0.00	25.54 1.18 0.00	27.43 1.26 0.00	29.22 1.38 0.00	26.71 1.32 0.00	27.87 1.48 0.00	31.37 1.98 -0.17	41.48 2.48 -9.37	78.32 2.80 -42.45	47.48 3.37 -0.23	50.48 3.47 0.00	50.07 3.67 0.00	56.48 4.04 0.00	50.35 3.58 0.00	52.91 3.73 0.00	43.89 3.07 0.00	47.89 2.71 -10.10	87.39 1.67 -61.16	37.72 1.80 -8.62	28.61 1.59 -1.12
INDIAN POINT___3 23531	25.27 1.37 0.00	25.03 1.25 0.00	21.99 1.10 0.00	21.58 1.07 0.00	20.70 0.98 0.00	25.55 1.19 0.00	27.43 1.26 0.00	29.22 1.38 0.00	26.71 1.32 0.00	27.85 1.46 0.00	31.36 1.96 -0.18	39.24 2.46 -7.15	68.23 2.77 -32.39	47.46 3.34 -0.24	50.43 3.42 0.00	50.02 3.62 0.00	56.43 3.99 0.00	50.32 3.55 0.00	52.89 3.71 0.00	43.86 3.04 0.00	46.20 2.69 -8.42	86.39 1.66 -60.16	37.88 1.80 -8.79	28.43 1.58 -0.95
INGHAM_C_115KV_TB7 356103	26.33 0.17 -2.25	25.48 0.17 -1.53	22.54 0.20 -1.45	20.72 0.21 0.00	19.92 0.20 0.00	24.62 0.26 0.00	26.37 0.20 0.00	28.04 0.19 0.00	24.09 0.10 1.40	26.38 -0.01 0.00	29.28 0.07 0.00	29.93 0.31 0.00	33.49 0.41 0.00	44.86 0.54 -0.44	47.27 0.26 0.00	46.66 0.26 0.00	52.86 0.42 0.00	47.91 1.14 0.00	50.86 1.68 0.00	42.21 1.39 0.00	38.88 1.02 -2.78	25.21 0.65 0.00	28.02 0.73 0.00	26.43 0.52 0.00
IP CORINTH___1 23988	25.22 1.32 0.00	24.95 1.18 0.00	21.88 0.99 0.00	21.50 0.99 0.00	20.58 0.86 0.00	25.47 1.11 0.00	27.45 1.28 0.00	29.12 1.28 0.00	26.40 1.01 0.00	27.50 1.11 0.00	30.06 1.02 0.17	31.67 1.27 -0.76	37.75 1.20 -3.48	45.29 1.64 0.23	48.58 1.56 0.00	48.00 1.59 0.00	54.35 1.91 0.00	49.13 2.36 0.00	52.27 3.10 0.00	43.53 2.71 0.00	38.98 2.38 -1.51	37.85 1.48 -11.81	30.68 1.64 -1.74	27.43 1.34 -0.18

IP__TICONDEROGA 23804	26.49 2.58 0.00	25.95 2.17 0.00	22.66 1.77 0.00	22.38 1.87 0.00	21.26 1.54 0.00	26.53 2.17 0.00	28.83 2.66 0.00	30.50 2.65 0.00	27.34 1.95 0.00	28.66 2.27 0.00	31.11 2.07 0.17	32.78 2.38 -0.77	39.26 2.69 -3.49	47.85 4.20 0.24	51.06 4.05 0.00	50.46 4.06 0.00	57.17 4.73 0.00	52.16 5.40 0.00	55.46 6.28 0.00	45.97 5.15 0.00	41.05 4.45 -1.52	39.21 2.76 -11.89	32.19 3.15 -1.75	28.81 2.72 -0.18
ISLIP_RES_REC 323679	27.48 1.98 -1.60	27.36 1.97 -1.61	22.57 1.68 0.00	22.16 1.65 0.00	21.20 1.48 0.00	26.10 1.74 0.00	27.96 1.78 0.00	29.81 1.97 0.00	27.19 1.80 0.00	28.42 2.04 0.00	37.61 3.06 -5.34	41.41 3.64 -8.14	78.36 4.04 -41.24	58.77 5.08 -9.81	57.47 5.30 -5.16	55.22 5.52 -3.29	60.33 6.17 -1.72	155.34 5.59 -102.98	78.52 5.76 -23.59	67.93 4.61 -22.49	46.82 4.01 -7.74	90.36 2.42 -63.38	39.31 2.51 -9.50	29.04 2.25 -0.88
JAMAICA__27_KV_LOAD 355505	25.82 1.92 0.00	25.54 1.76 0.00	22.48 1.59 0.00	22.05 1.54 0.00	21.13 1.41 0.00	26.10 1.74 0.00	28.01 1.84 0.00	29.85 2.00 0.00	27.30 1.91 0.00	28.54 2.15 0.00	32.16 2.76 -0.18	39.59 3.36 -6.60	66.07 3.72 -29.27	48.68 4.56 -0.24	51.69 4.68 0.00	51.27 4.87 0.00	57.90 5.46 0.00	51.58 4.81 0.00	54.17 4.99 0.00	44.92 4.09 0.00	46.40 3.63 -7.70	90.01 2.30 -63.15	39.27 2.51 -9.46	29.02 2.24 -0.88
JANIS__SOLAR 323808	24.44 0.54 0.00	24.31 0.53 0.00	21.35 0.46 0.00	21.01 0.50 0.00	20.22 0.51 0.00	25.19 0.83 0.00	27.19 1.02 0.00	29.04 1.19 0.00	26.65 1.26 0.00	27.60 1.21 0.00	30.56 1.34 0.00	31.21 1.59 0.00	34.54 1.47 0.00	45.37 1.49 0.00	48.92 1.57 -0.33	50.03 1.92 -1.71	57.67 3.14 -2.09	50.21 2.70 -0.73	53.41 2.99 -1.25	43.48 2.34 -0.32	36.68 1.60 0.00	25.87 1.30 0.00	28.70 1.41 0.00	28.40 1.14 -1.36
JARVIS____ 23743	26.29 0.13 -2.25	25.43 0.12 -1.53	22.45 0.11 -1.45	20.62 0.11 0.00	19.82 0.10 0.00	24.48 0.12 0.00	26.28 0.11 0.00	27.96 0.11 0.00	24.09 0.10 1.40	26.50 0.11 0.00	29.40 0.19 0.00	29.92 0.30 0.00	33.39 0.31 0.00	44.64 0.32 -0.44	47.31 0.30 0.00	46.75 0.35 0.00	52.84 0.40 0.00	47.16 0.39 0.00	49.65 0.48 0.00	41.19 0.37 0.00	38.18 0.32 -2.78	24.77 0.21 0.00	27.51 0.22 0.00	26.07 0.17 0.00
JENNISON__1 23625	23.98 0.08 0.00	23.92 0.15 0.00	21.04 0.15 0.00	20.74 0.23 0.00	20.02 0.31 0.00	25.03 0.67 0.00	27.07 0.89 0.00	28.99 1.15 0.00	26.59 1.20 0.00	27.68 1.30 0.00	30.72 1.50 0.00	31.33 1.71 0.00	34.95 1.87 0.00	45.94 2.06 0.00	49.35 2.11 -0.23	50.37 2.76 -1.20	57.63 3.72 -1.47	50.24 2.95 -0.52	53.40 3.35 -0.88	43.55 2.50 -0.22	36.55 1.47 0.00	25.84 1.28 0.00	28.80 1.50 0.00	27.15 1.24 0.00
JENNISON__2 23626	23.98 0.08 0.00	23.92 0.15 0.00	21.04 0.15 0.00	20.74 0.23 0.00	20.02 0.31 0.00	25.03 0.67 0.00	27.07 0.89 0.00	28.99 1.15 0.00	26.59 1.20 0.00	27.68 1.30 0.00	30.72 1.50 0.00	31.33 1.71 0.00	34.95 1.87 0.00	45.94 2.06 0.00	49.35 2.11 -0.23	50.37 2.76 -1.20	57.63 3.72 -1.47	50.24 2.95 -0.52	53.40 3.35 -0.88	43.55 2.50 -0.22	36.55 1.47 0.00	25.84 1.28 0.00	28.80 1.50 0.00	27.15 1.24 0.00
JERICHO_RISE_WT_PWR 323719	-20.07 -0.89 43.07	-6.45 -0.92 29.30	-7.76 -0.86 27.79	19.74 -0.77 0.00	19.05 -0.67 0.00	23.75 -0.61 0.00	25.71 -0.46 0.00	27.60 -0.25 0.00	19.32 -0.24 5.83	25.80 -0.59 0.00	28.27 -0.94 0.00	28.16 -1.46 0.00	31.50 -1.58 0.00	33.84 -1.58 8.47	45.57 -1.44 0.00	45.05 -1.35 0.00	51.17 -1.27 0.00	45.78 -0.99 0.00	48.01 -1.17 0.00	40.18 -0.64 0.00	29.76 -0.68 4.65	24.16 -0.40 0.00	26.79 -0.50 0.00	25.08 -0.83 0.00
KATONAH__115KV_46KV_TB4 355592	25.47 1.56 0.00	25.22 1.44 0.00	22.15 1.26 0.00	21.73 1.22 0.00	20.84 1.13 0.00	25.74 1.38 0.00	27.62 1.45 0.00	29.44 1.59 0.00	26.93 1.54 0.00	28.11 1.72 0.00	31.68 2.28 -0.18	36.16 2.83 -3.70	53.03 3.22 -16.73	48.08 3.95 -0.24	51.10 4.09 0.00	50.73 4.32 0.00	57.26 4.82 0.00	51.04 4.27 0.00	53.68 4.50 0.00	44.47 3.65 0.00	44.29 3.19 -6.02	77.99 1.92 -51.51	37.05 2.04 -7.71	28.40 1.78 -0.72
KCE_NY_1 323755	25.22 1.31 0.00	25.02 1.24 0.00	21.98 1.09 0.00	21.57 1.06 0.00	20.69 0.98 0.00	25.56 1.19 0.00	27.48 1.31 0.00	29.16 1.32 0.00	26.52 1.13 0.00	27.59 1.20 0.00	30.36 1.32 0.18	31.96 1.57 -0.77	38.23 1.65 -3.50	45.81 2.17 0.24	49.20 2.18 0.00	48.60 2.19 0.00	55.00 2.56 0.00	49.51 2.74 0.00	52.40 3.23 0.00	43.55 2.73 0.00	39.01 2.39 -1.54	38.07 1.50 -12.00	30.73 1.67 -1.77	27.46 1.37 -0.18
KCE_NY_6_ESR 323823	23.24 -0.66 0.00	23.01 -0.77 0.00	20.09 -0.80 0.00	19.82 -0.69 0.00	19.23 -0.49 0.00	23.95 -0.42 0.00	25.70 -0.48 0.00	27.31 -0.54 0.00	24.88 -0.51 0.00	26.29 -0.10 0.00	29.59 0.38 0.00	30.20 0.57 0.00	33.64 0.56 0.00	43.90 0.01 0.00	47.21 0.19 0.00	46.34 -0.07 0.00	51.74 -0.70 0.00	45.17 -1.61 0.00	47.12 -2.05 0.00	38.91 -1.91 0.00	33.20 -1.88 0.00	23.68 -0.88 0.00	26.73 -0.57 0.00	20.01 -0.56 5.33
KEDC_PORT_JEFF_GT2 24210	27.28 1.78 -1.60	27.17 1.78 -1.61	22.41 1.52 0.00	22.01 1.50 0.00	21.06 1.34 0.00	25.92 1.55 0.00	27.74 1.56 0.00	29.56 1.71 0.00	26.88 1.49 0.00	28.08 1.68 0.00	37.23 2.68 -5.34	41.03 3.26 -8.14	77.80 3.55 -41.17	58.14 4.44 -9.81	56.77 4.60 -5.16	54.38 4.68 -3.29	59.41 5.16 -1.81	155.02 4.68 -103.56	81.38 4.88 -27.33	73.49 4.04 -28.63	46.38 3.56 -7.74	90.04 2.10 -63.38	38.98 2.18 -9.50	28.78 1.99 -0.88
KEDC_PORT_JEFF_GT3 24211	27.28 1.78 -1.60	27.17 1.78 -1.61	22.41 1.52 0.00	22.01 1.50 0.00	21.06 1.34 0.00	25.92 1.55 0.00	27.74 1.56 0.00	29.56 1.71 0.00	26.88 1.49 0.00	28.08 1.68 0.00	37.23 2.68 -5.34	41.03 3.26 -8.14	77.80 3.55 -41.17	58.14 4.44 -9.81	56.77 4.60 -5.16	54.38 4.68 -3.29	59.41 5.16 -1.81	155.02 4.68 -103.56	81.38 4.88 -27.33	73.49 4.04 -28.63	46.38 3.56 -7.74	90.04 2.10 -63.38	38.98 2.18 -9.50	28.78 1.99 -0.88
KEDC_GLWD_GT4 24219	27.46 1.96 -1.60	27.31 1.92 -1.61	22.53 1.64 0.00	22.13 1.62 0.00	21.19 1.47 0.00	26.12 1.75 0.00	28.01 1.84 0.00	29.86 2.02 0.00	27.32 1.93 0.00	28.53 2.14 0.00	37.54 2.98 -5.34	41.33 3.57 -8.14	87.19 4.04 -50.06	58.49 4.80 -9.81	57.00 4.82 -5.16	54.69 5.00 -3.28	63.58 5.57 -5.57	177.85 5.01 -126.08	64.14 5.06 -9.90	44.85 4.03 0.00	46.33 3.53 -7.73	90.11 2.17 -63.38	39.08 2.29 -9.50	29.01 2.23 -0.88
KEDC_GLWD_GT5 24220	27.46 1.96 -1.60	27.31 1.92 -1.61	22.53 1.64 0.00	22.13 1.62 0.00	21.19 1.47 0.00	26.12 1.75 0.00	28.01 1.84 0.00	29.86 2.02 0.00	27.32 1.93 0.00	28.53 2.14 0.00	37.54 2.98 -5.34	41.33 3.57 -8.14	87.19 4.04 -50.06	58.49 4.80 -9.81	57.00 4.82 -5.16	54.69 5.00 -3.28	63.58 5.57 -5.57	177.85 5.01 -126.08	64.14 5.06 -9.90	44.85 4.03 0.00	46.33 3.53 -7.73	90.11 2.17 -63.38	39.08 2.29 -9.50	29.01 2.23 -0.88

KENSICO____ 23655	25.39 1.49 0.00	25.15 1.37 0.00	22.10 1.21 0.00	21.69 1.18 0.00	20.80 1.08 0.00	25.67 1.30 0.00	27.56 1.38 0.00	29.35 1.51 0.00	26.85 1.46 0.00	28.01 1.62 0.00	31.56 2.17 -0.18	38.66 2.68 -6.36	64.88 3.02 -28.78	47.77 3.64 -0.24	50.74 3.72 0.00	50.32 3.92 0.00	56.77 4.33 0.00	50.61 3.84 0.00	53.21 4.03 0.00	44.11 3.29 0.00	45.91 2.90 -7.93	91.45 1.81 -65.08	39.01 1.96 -9.76	28.52 1.72 -0.90
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.50 1.60 0.00	25.22 1.44 0.00	22.14 1.25 0.00	21.72 1.21 0.00	20.84 1.13 0.00	25.76 1.39 0.00	27.67 1.50 0.00	29.47 1.63 0.00	26.95 1.56 0.00	28.09 1.70 0.00	31.50 2.19 -0.10	32.37 2.67 -0.07	36.48 3.06 -0.34	47.91 3.89 -0.13	51.06 4.05 0.00	50.81 4.41 0.00	57.39 4.94 0.00	51.31 4.54 0.00	53.96 4.79 0.00	44.75 3.93 0.00	36.82 3.33 1.59	12.84 2.00 13.73	27.37 2.10 2.03	27.50 1.80 0.21
KIAC_JFK_GT1 23816	25.66 1.75 0.00	25.38 1.60 0.00	22.34 1.45 0.00	21.91 1.40 0.00	21.00 1.28 0.00	25.94 1.58 0.00	27.83 1.66 0.00	29.61 1.77 0.00	27.03 1.64 0.00	28.25 1.86 0.00	31.84 2.44 -0.18	39.26 3.03 -6.60	65.71 3.37 -29.27	48.20 4.07 -0.24	51.17 4.16 0.00	50.73 4.32 0.00	57.27 4.83 0.00	51.02 4.25 0.00	53.60 4.42 0.00	44.45 3.63 0.00	46.02 3.24 -7.70	89.73 2.02 -63.15	38.96 2.20 -9.46	28.80 2.02 -0.88
KIAC_JFK_GT2 23817	25.66 1.75 0.00	25.38 1.60 0.00	22.34 1.45 0.00	21.91 1.40 0.00	21.00 1.28 0.00	25.94 1.58 0.00	27.83 1.66 0.00	29.61 1.77 0.00	27.03 1.64 0.00	28.25 1.86 0.00	31.84 2.44 -0.18	39.26 3.03 -6.60	65.71 3.37 -29.27	48.20 4.07 -0.24	51.17 4.16 0.00	50.73 4.32 0.00	57.27 4.83 0.00	51.02 4.25 0.00	53.60 4.42 0.00	44.45 3.63 0.00	46.02 3.24 -7.70	89.73 2.02 -63.15	38.96 2.20 -9.46	28.80 2.02 -0.88
KIAC_JFK____ 323774	25.66 1.76 0.00	25.38 1.60 0.00	22.34 1.45 0.00	21.91 1.40 0.00	21.00 1.28 0.00	25.94 1.57 0.00	27.83 1.65 0.00	29.61 1.77 0.00	27.03 1.64 0.00	28.25 1.86 0.00	31.84 2.44 -0.18	39.25 3.02 -6.60	65.71 3.37 -29.27	48.19 4.07 -0.24	51.17 4.16 0.00	50.72 4.32 0.00	57.27 4.83 0.00	51.02 4.25 0.00	53.59 4.41 0.00	44.45 3.63 0.00	46.02 3.24 -7.70	89.73 2.02 -63.15	38.96 2.20 -9.46	28.80 2.01 -0.88
KINTIGH____ 23543	23.02 -0.88 0.00	22.86 -0.91 0.00	20.02 -0.87 0.00	19.74 -0.77 0.00	19.12 -0.60 0.00	23.72 -0.64 0.00	25.36 -0.81 0.00	26.91 -0.94 0.00	24.48 -0.91 0.00	25.81 -0.58 0.00	28.93 -0.28 0.00	29.47 -0.15 0.00	32.83 -0.25 0.00	42.77 -1.11 0.00	46.05 -0.96 0.00	45.21 -1.20 0.00	50.64 -1.80 0.00	44.39 -2.39 0.00	46.32 -2.86 0.00	38.38 -2.44 0.00	32.78 -2.30 0.00	23.33 -1.23 0.00	26.34 -0.95 0.00	24.98 -0.93 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-20.43 -0.61 43.72	-6.67 -0.70 29.75	-8.02 -0.70 28.21	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.11 -0.06 0.00	28.07 0.23 0.00	24.21 0.17 1.36	26.11 -0.27 0.00	28.67 -0.54 0.00	28.58 -1.05 0.00	31.97 -1.11 0.00	34.36 -0.93 8.60	46.32 -0.69 0.00	45.80 -0.61 0.00	52.08 -0.36 0.00	46.74 -0.03 0.00	49.06 -0.12 0.00	41.16 0.34 0.00	31.18 0.09 3.99	24.60 0.04 0.00	27.31 0.01 0.00	25.43 -0.47 0.00
LACHUTE__HYDRO 323717	26.49 2.58 0.00	25.95 2.17 0.00	22.66 1.77 0.00	22.38 1.87 0.00	21.26 1.54 0.00	26.53 2.17 0.00	28.83 2.66 0.00	30.50 2.65 0.00	27.34 1.95 0.00	28.66 2.27 0.00	31.11 2.07 0.17	32.78 2.38 -0.77	39.26 2.69 -3.49	47.85 4.20 0.24	51.06 4.05 0.00	50.46 4.06 0.00	57.17 4.73 0.00	52.16 5.39 0.00	55.46 6.28 0.00	45.97 5.15 0.00	41.05 4.45 -1.52	39.21 2.76 -11.89	32.19 3.14 -1.75	28.81 2.72 -0.18
LAWRNCV_115KV_TB1 80681	-13.30 -0.74 36.46	-1.66 -0.63 24.81	-3.16 -0.53 23.53	20.03 -0.48 0.00	19.20 -0.51 0.00	23.72 -0.65 0.00	25.52 -0.66 0.00	27.04 -0.81 0.00	-43.48 -0.84 68.03	25.50 -0.89 0.00	27.96 -1.25 0.00	27.86 -1.77 0.00	30.92 -2.16 0.00	34.29 -2.42 7.17	44.77 -2.24 0.00	43.93 -2.47 0.00	49.91 -2.53 0.00	44.81 -1.97 0.00	46.95 -2.23 0.00	38.92 -1.90 0.00	22.16 -1.58 11.34	23.68 -0.88 0.00	26.34 -0.96 0.00	25.15 -0.75 0.00
LEDERLE____ 23769	25.38 1.47 0.00	25.11 1.33 0.00	22.06 1.16 0.00	21.64 1.13 0.00	20.75 1.04 0.00	25.63 1.27 0.00	27.55 1.37 0.00	29.35 1.51 0.00	26.84 1.44 0.00	27.99 1.60 0.00	31.51 2.13 -0.17	23.90 2.65 8.37	-1.82 2.99 37.89	47.76 3.66 -0.22	50.83 3.82 0.00	50.45 4.05 0.00	56.90 4.46 0.00	50.69 3.92 0.00	53.26 4.09 0.00	44.16 3.34 0.00	28.43 2.91 9.55	-51.47 1.80 77.83	17.52 1.93 11.70	26.55 1.70 1.06
LIGHTHSE_115KV_TB6 355974	20.02 -0.71 3.17	20.92 -0.71 2.16	18.20 -0.65 2.05	19.93 -0.58 0.00	19.19 -0.52 0.00	23.70 -0.66 0.00	25.50 -0.67 0.00	27.15 -0.69 0.00	18.22 -0.54 6.63	25.87 -0.52 0.00	28.65 -0.56 0.00	29.16 -0.46 0.00	32.42 -0.66 0.00	42.18 -1.08 0.62	47.08 -0.86 -0.93	50.29 -0.91 -4.79	57.42 -0.89 -5.87	48.09 -0.74 -2.06	51.86 -0.81 -3.49	40.76 -0.95 -0.89	25.13 -0.90 9.05	24.42 -0.15 -0.01	27.10 -0.19 0.00	25.50 -0.40 0.00
LINDEN COGEN____ 23786	25.48 1.58 0.00	25.21 1.43 0.00	22.15 1.26 0.00	21.73 1.22 0.00	20.83 1.12 0.00	25.71 1.35 0.00	27.61 1.43 0.00	29.40 1.56 0.00	26.94 1.55 0.00	28.12 1.73 0.00	31.70 2.31 -0.18	38.05 2.85 -5.57	54.67 3.23 -18.36	47.96 3.84 -0.24	50.92 3.90 0.00	50.50 4.10 0.00	56.92 4.48 0.00	50.67 3.90 0.00	53.20 4.03 0.00	44.09 3.28 0.01	45.72 2.94 -7.70	60.23 1.85 -33.83	38.80 2.04 -9.46	28.60 1.81 -0.88
LINDHRST_69_KV_BK1 356055	27.50 2.00 -1.60	27.38 1.99 -1.61	22.59 1.70 0.00	22.18 1.67 0.00	21.23 1.51 0.00	26.16 1.79 0.00	28.02 1.85 0.00	29.86 2.02 0.00	27.27 1.88 0.00	28.47 2.08 0.00	37.58 3.02 -5.34	41.31 3.55 -8.14	79.29 3.96 -42.26	58.59 4.90 -9.81	57.21 5.04 -5.16	54.95 5.27 -3.29	60.04 5.83 -1.77	155.42 5.31 -103.34	65.65 5.50 -10.97	46.93 4.35 -1.76	46.63 3.82 -7.73	90.30 2.36 -63.38	39.32 2.52 -9.50	29.06 2.27 -0.88
LIPA_MISC_IPP 23656	27.23 1.73 -1.60	27.12 1.73 -1.61	22.36 1.47 0.00	21.97 1.46 0.00	21.01 1.29 0.00	25.87 1.51 0.00	27.71 1.54 0.00	29.54 1.69 0.00	26.92 1.53 0.00	28.12 1.73 0.00	37.24 2.68 -5.34	41.05 3.28 -8.14	77.81 3.59 -41.13	58.18 4.48 -9.81	56.77 4.59 -5.16	54.54 4.85 -3.29	59.48 5.43 -1.62	154.15 4.97 -102.41	76.61 5.12 -22.31	65.28 4.07 -20.39	46.44 3.62 -7.74	90.09 2.15 -63.38	39.01 2.21 -9.50	28.77 1.98 -0.88
LISF__SOLAR 323691	27.31 1.81 -1.60	27.19 1.80 -1.61	22.42 1.52 0.00	22.01 1.50 0.00	21.06 1.34 0.00	25.92 1.56 0.00	27.77 1.60 0.00	29.60 1.76 0.00	26.99 1.59 0.00	28.17 1.79 0.00	37.31 2.75 -5.34	41.10 3.34 -8.14	77.88 3.66 -41.15	58.27 4.58 -9.81	56.88 4.70 -5.16	54.66 4.97 -3.29	59.68 5.59 -1.65	154.48 5.14 -102.57	77.40 5.31 -22.92	66.43 4.22 -21.39	46.56 3.75 -7.74	90.17 2.23 -63.38	39.11 2.31 -9.50	28.84 2.05 -0.88

LITTLE FALLS___HYD 24013	26.33 0.17 -2.25	25.48 0.17 -1.53	22.54 0.20 -1.45	20.72 0.21 0.00	19.92 0.20 0.00	24.62 0.26 0.00	26.37 0.20 0.00	28.04 0.19 0.00	24.09 0.10 1.40	26.38 -0.01 0.00	29.28 0.07 0.00	29.93 0.31 0.00	33.49 0.41 0.00	44.86 0.54 -0.44	47.27 0.26 0.00	46.66 0.26 0.00	52.86 0.42 0.00	47.91 1.14 0.00	50.86 1.68 0.00	42.21 1.39 0.00	38.88 1.02 -2.78	25.21 0.65 0.00	28.02 0.73 0.00	26.43 0.52 0.00
LITTLRIV_115KV_TB1 356100	-12.21 -0.45 35.66	-0.83 -0.35 24.26	-2.40 -0.29 23.01	20.27 -0.24 0.00	19.43 -0.28 0.00	24.02 -0.34 0.00	25.86 -0.31 0.00	27.37 -0.48 0.00	-40.15 -0.63 64.91	25.70 -0.69 0.00	28.08 -1.13 0.00	27.94 -1.68 0.00	31.02 -2.06 0.00	34.63 -2.24 7.01	45.12 -2.01 -0.12	44.82 -2.18 -0.60	51.18 -1.99 -0.73	45.69 -1.34 -0.26	48.06 -1.55 -0.43	39.61 -1.32 -0.11	21.88 -1.05 12.15	24.02 -0.54 0.00	26.70 -0.59 0.00	25.48 -0.43 0.00
LI_NEWBRDGE___DRP 323616	27.12 1.62 -1.60	26.99 1.60 -1.61	22.27 1.38 0.00	21.88 1.37 0.00	20.95 1.23 0.00	25.81 1.44 0.00	27.66 1.48 0.00	29.46 1.62 0.00	26.91 1.52 0.00	28.07 1.68 0.00	37.03 2.48 -5.34	40.77 3.01 -8.14	76.62 3.35 -40.19	57.74 4.05 -9.81	56.31 4.14 -5.16	54.01 4.32 -3.28	57.95 4.79 -0.72	148.13 4.34 -97.03	63.48 4.41 -9.90	44.36 3.54 0.00	45.95 3.14 -7.73	89.85 1.90 -63.38	38.82 2.02 -9.50	28.62 1.84 -0.88
LOCKPORT_115KV_TB60_63_64 80432	23.01 -0.89 0.00	22.83 -0.95 0.00	19.98 -0.91 0.00	19.70 -0.81 0.00	19.12 -0.60 0.00	23.72 -0.64 0.00	25.34 -0.83 0.00	26.89 -0.95 0.00	24.42 -0.97 0.00	25.80 -0.58 0.00	29.00 -0.21 0.00	29.59 -0.04 0.00	32.99 -0.09 0.00	42.83 -1.06 0.00	46.20 -0.81 0.00	45.34 -1.07 0.00	50.67 -1.77 0.00	44.26 -2.51 0.00	46.08 -3.09 0.00	38.14 -2.68 0.00	32.55 -2.53 0.00	23.25 -1.31 0.00	26.38 -0.91 0.00	25.09 -0.81 0.00
LOCKPORT___CC1 323769	23.00 -0.91 0.00	22.80 -0.97 0.00	19.95 -0.95 0.00	19.68 -0.83 0.00	19.09 -0.62 0.00	23.69 -0.67 0.00	25.33 -0.84 0.00	26.86 -0.99 0.00	24.40 -0.99 0.00	25.78 -0.61 0.00	28.97 -0.24 0.00	29.60 -0.03 0.00	33.00 -0.08 0.00	42.77 -1.12 0.00	46.12 -0.89 0.00	45.26 -1.14 0.00	50.58 -1.86 0.00	44.19 -2.58 0.00	46.02 -3.15 0.00	38.08 -2.74 0.00	32.52 -2.56 0.00	23.24 -1.32 0.00	26.36 -0.94 0.00	20.86 -0.86 4.19
LOCKPORT___CC2 323770	23.00 -0.91 0.00	22.80 -0.97 0.00	19.95 -0.95 0.00	19.68 -0.83 0.00	19.09 -0.62 0.00	23.69 -0.67 0.00	25.33 -0.84 0.00	26.86 -0.99 0.00	24.40 -0.99 0.00	25.78 -0.61 0.00	28.97 -0.24 0.00	29.60 -0.03 0.00	33.00 -0.08 0.00	42.77 -1.12 0.00	46.12 -0.89 0.00	45.26 -1.14 0.00	50.58 -1.86 0.00	44.19 -2.58 0.00	46.02 -3.15 0.00	38.08 -2.74 0.00	32.52 -2.56 0.00	23.24 -1.32 0.00	26.36 -0.94 0.00	20.86 -0.86 4.19
LOCKPORT___CC3 323771	23.00 -0.91 0.00	22.80 -0.97 0.00	19.95 -0.95 0.00	19.68 -0.83 0.00	19.09 -0.62 0.00	23.69 -0.67 0.00	25.33 -0.84 0.00	26.86 -0.99 0.00	24.40 -0.99 0.00	25.78 -0.61 0.00	28.97 -0.24 0.00	29.60 -0.03 0.00	33.00 -0.08 0.00	42.77 -1.12 0.00	46.12 -0.89 0.00	45.26 -1.14 0.00	50.58 -1.86 0.00	44.19 -2.58 0.00	46.02 -3.15 0.00	38.08 -2.74 0.00	32.52 -2.56 0.00	23.24 -1.32 0.00	26.36 -0.94 0.00	20.86 -0.86 4.19
LONG_LAKE_PHOENIX 24014	23.46 -0.44 0.00	23.33 -0.45 0.00	20.47 -0.42 0.00	20.11 -0.40 0.00	19.36 -0.35 0.00	23.96 -0.40 0.00	25.75 -0.42 0.00	27.40 -0.45 0.00	22.89 -0.39 2.10	26.06 -0.33 0.00	28.97 -0.24 0.00	29.48 -0.14 0.00	32.84 -0.24 0.00	43.34 -0.54 0.00	47.74 -0.59 -1.31	52.53 -0.60 -6.74	60.08 -0.61 -8.25	48.96 -0.71 -2.90	53.28 -0.80 -4.91	41.37 -0.71 -1.26	32.54 -0.69 1.85	24.21 -0.36 -0.02	26.89 -0.40 0.00	25.44 -0.47 0.00
LOVETT___3 23632	25.25 1.34 0.00	24.99 1.22 0.00	21.95 1.06 0.00	21.54 1.03 0.00	20.66 0.94 0.00	25.51 1.15 0.00	27.41 1.24 0.00	29.18 1.34 0.00	26.67 1.28 0.00	27.80 1.41 0.00	31.28 1.90 -0.17	23.31 2.39 8.71	-3.67 2.70 39.45	47.36 3.25 -0.22	50.36 3.35 0.00	49.98 3.57 0.00	56.36 3.91 0.00	50.23 3.47 0.00	52.79 3.62 0.00	43.79 2.97 0.00	27.89 2.62 9.80	-53.41 1.61 79.58	17.08 1.75 11.96	26.37 1.55 1.09
LOVETT___4 23642	25.25 1.34 0.00	24.99 1.22 0.00	21.95 1.06 0.00	21.54 1.03 0.00	20.66 0.94 0.00	25.51 1.15 0.00	27.41 1.24 0.00	29.18 1.34 0.00	26.67 1.28 0.00	27.80 1.41 0.00	31.28 1.90 -0.17	23.31 2.39 8.71	-3.67 2.70 39.45	47.36 3.25 -0.22	50.36 3.35 0.00	49.98 3.57 0.00	56.36 3.91 0.00	50.23 3.47 0.00	52.79 3.62 0.00	43.79 2.97 0.00	27.89 2.62 9.80	-53.41 1.61 79.58	17.08 1.75 11.96	26.37 1.55 1.09
LOVETT___5 23593	25.25 1.34 0.00	24.99 1.22 0.00	21.95 1.06 0.00	21.54 1.03 0.00	20.66 0.94 0.00	25.51 1.15 0.00	27.41 1.24 0.00	29.18 1.34 0.00	26.67 1.28 0.00	27.80 1.41 0.00	31.28 1.90 -0.17	23.31 2.39 8.71	-3.67 2.70 39.45	47.36 3.25 -0.22	50.36 3.35 0.00	49.98 3.57 0.00	56.36 3.91 0.00	50.23 3.47 0.00	52.79 3.62 0.00	43.79 2.97 0.00	27.89 2.62 9.80	-53.41 1.61 79.58	17.08 1.75 11.96	26.37 1.55 1.09
LOWER RAQUET___HYD 24057	-11.79 -0.78 34.91	-0.64 -0.67 23.75	-2.20 -0.56 22.53	20.00 -0.51 0.00	19.16 -0.55 0.00	23.69 -0.68 0.00	25.46 -0.71 0.00	26.96 -0.88 0.00	-37.52 -0.93 61.98	25.42 -0.97 0.00	27.88 -1.34 0.00	27.74 -1.89 0.00	30.73 -2.35 0.00	34.35 -2.67 6.86	44.66 -2.48 -0.12	44.34 -2.70 -0.64	50.46 -2.75 -0.78	44.93 -2.12 -0.27	47.26 -2.38 -0.46	38.91 -2.03 -0.12	20.47 -1.70 12.91	23.62 -0.94 0.00	26.29 -1.01 0.00	25.11 -0.79 0.00
LOWER___HUDSON 24059	24.92 1.02 0.00	24.79 1.01 0.00	21.80 0.91 0.00	21.39 0.88 0.00	20.52 0.80 0.00	25.29 0.93 0.00	27.12 0.95 0.00	28.76 0.92 0.00	26.12 0.73 0.00	27.13 0.74 0.00	29.82 0.83 0.23	31.59 1.15 -0.81	37.96 1.22 -3.67	45.00 1.43 0.31	48.45 1.44 0.00	47.88 1.47 0.00	54.09 1.66 0.00	48.66 1.89 0.00	51.50 2.32 0.00	42.77 1.95 0.00	38.52 1.76 -1.68	38.78 1.08 -13.14	30.45 1.22 -1.94	27.13 1.02 -0.20
LOWVILLE_115KV_TB2 356335	14.45 -0.93 8.52	17.11 -0.88 5.80	14.62 -0.78 5.50	19.91 -0.60 0.00	19.17 -0.55 0.00	23.66 -0.71 0.00	25.63 -0.54 0.00	27.39 -0.46 0.00	7.44 -0.25 17.71	26.06 -0.33 0.00	28.64 -0.57 0.00	28.93 -0.70 0.00	32.17 -0.91 0.00	40.99 -1.21 1.67	46.76 -0.54 -0.28	46.96 -0.88 -1.44	53.69 -0.50 -1.76	47.71 0.33 -0.62	50.45 0.23 -1.05	40.53 -0.56 -0.27	86.32 -0.74 -51.98	25.12 0.56 0.00	27.80 0.51 0.00	25.91 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.21 1.31 0.00	25.02 1.25 0.00	21.98 1.09 0.00	21.58 1.07 0.00	20.70 0.98 0.00	25.56 1.20 0.00	27.48 1.30 0.00	29.15 1.31 0.00	26.50 1.11 0.00	27.57 1.18 0.00	30.33 1.30 0.18	31.94 1.55 -0.77	38.21 1.63 -3.50	45.73 2.09 0.24	49.13 2.12 0.00	48.53 2.13 0.00	54.91 2.47 0.00	49.44 2.67 0.00	52.34 3.16 0.00	43.51 2.69 0.00	38.97 2.35 -1.54	38.05 1.49 -12.00	30.70 1.63 -1.77	27.46 1.37 -0.18

LUTHERNY_35_KV_BK2 355980	25.22 1.32 0.00	25.02 1.24 0.00	21.98 1.09 0.00	21.57 1.06 0.00	20.69 0.98 0.00	25.56 1.19 0.00	27.49 1.31 0.00	29.16 1.32 0.00	26.52 1.13 0.00	27.59 1.20 0.00	30.36 1.32 0.18	31.96 1.57 -0.77	38.23 1.65 -3.50	45.81 2.17 0.24	49.20 2.18 0.00	48.60 2.19 0.00	55.00 2.56 0.00	49.51 2.74 0.00	52.40 3.23 0.00	43.55 2.73 0.00	39.01 2.39 -1.54	38.07 1.51 -12.00	30.73 1.67 -1.77	27.46 1.37 -0.18
LWR___OSWEGATCHIE_HYD 23850	-0.23 -0.99 23.14	7.20 -0.84 15.74	5.24 -0.72 14.93	19.89 -0.62 0.00	19.05 -0.66 0.00	23.60 -0.76 0.00	25.46 -0.71 0.00	27.00 -0.85 0.00	-17.37 -0.68 42.07	25.65 -0.74 0.00	28.15 -1.06 0.00	28.26 -1.36 0.00	31.36 -1.72 0.00	37.25 -2.08 4.55	45.61 -1.64 -0.24	45.74 -1.90 -1.24	52.21 -1.75 -1.52	46.27 -1.03 -0.53	48.88 -1.20 -0.91	39.65 -1.40 -0.23	8.97 -1.30 24.81	24.32 -0.24 0.00	26.97 -0.33 0.00	25.41 -0.50 0.00
LYONS_FALL_HYD 23570	18.76 -0.37 4.77	20.18 -0.35 3.24	17.49 -0.32 3.08	20.31 -0.20 0.00	19.53 -0.19 0.00	24.14 -0.23 0.00	26.08 -0.09 0.00	27.83 -0.01 0.00	13.75 0.11 11.75	26.47 0.09 0.00	29.20 -0.01 0.00	29.58 -0.05 0.00	32.97 -0.11 0.00	42.77 -0.18 0.94	47.43 0.21 -0.20	47.45 0.00 -1.05	54.13 0.41 -1.28	48.07 0.85 -0.45	50.79 0.85 -0.76	41.22 0.21 -0.19	35.07 -0.01 0.00	25.22 0.66 0.00	27.93 0.63 0.00	26.17 0.26 0.00
MADISON___COUNTY_LFGE 323628	24.37 0.47 0.00	24.22 0.44 0.00	21.26 0.37 0.00	20.90 0.39 0.00	20.10 0.39 0.00	24.91 0.54 0.00	26.83 0.65 0.00	28.60 0.76 0.00	22.58 0.75 3.56	27.17 0.78 0.00	30.11 0.90 0.00	30.64 1.01 0.00	34.30 1.23 0.00	45.33 1.45 0.00	48.71 1.48 -0.21	48.91 1.41 -1.10	55.76 1.98 -1.35	49.09 1.85 -0.47	51.93 1.95 -0.80	42.49 1.46 -0.20	41.77 1.14 -5.55	25.49 0.92 0.00	28.24 0.94 0.00	26.64 0.73 0.00
MALONE___115KV_TB1 356076	-17.80 -0.68 41.02	-4.81 -0.68 27.91	-6.21 -0.64 26.47	19.96 -0.55 0.00	19.22 -0.50 0.00	23.93 -0.44 0.00	25.89 -0.28 0.00	27.74 -0.10 0.00	5.33 -0.13 19.93	25.93 -0.46 0.00	28.47 -0.74 0.00	28.35 -1.28 0.00	31.63 -1.45 0.00	34.42 -1.40 8.06	45.82 -1.20 0.00	45.23 -1.17 0.00	51.37 -1.07 0.00	46.03 -0.74 0.00	48.27 -0.90 0.00	40.45 -0.37 0.00	27.84 -0.51 6.72	24.30 -0.26 0.00	26.95 -0.35 0.00	25.31 -0.59 0.00
MAPLEWOD_115KV_TB3 80458	24.83 0.92 0.00	24.71 0.93 0.00	21.74 0.85 0.00	21.33 0.82 0.00	20.46 0.74 0.00	25.21 0.84 0.00	27.02 0.84 0.00	28.68 0.83 0.00	26.07 0.68 0.00	27.08 0.69 0.00	29.88 0.84 0.18	31.69 1.22 -0.85	38.25 1.38 -3.79	45.28 1.64 0.24	48.64 1.63 0.00	48.01 1.60 0.00	54.20 1.76 0.00	48.78 2.01 0.00	51.58 2.40 0.00	42.75 1.93 0.00	38.40 1.67 -1.65	38.46 1.03 -12.87	30.33 1.13 -1.90	27.06 0.96 -0.19
MAPLE_RIDGE_WT_1 323574	-45.03 -0.50 68.43	-23.69 -0.91 46.56	-24.13 -0.86 44.16	19.77 -0.74 0.00	19.02 -0.70 0.00	23.44 -0.93 0.00	25.43 -0.74 0.00	27.15 -0.70 0.00	27.83 -0.60 -3.04	25.75 -0.64 0.00	28.33 -0.88 0.00	28.44 -1.19 0.00	31.69 -1.39 0.00	28.85 -1.58 13.45	45.70 -1.32 0.00	44.80 -1.60 0.00	50.78 -1.66 0.00	45.76 -1.01 0.00	47.66 -1.51 0.00	39.24 -1.58 0.00	32.70 -1.06 1.32	24.18 -0.38 0.00	26.84 -0.46 0.00	25.39 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	-45.03 -0.50 68.43	-23.69 -0.91 46.56	-24.13 -0.86 44.16	19.77 -0.74 0.00	19.02 -0.70 0.00	23.44 -0.93 0.00	25.43 -0.74 0.00	27.15 -0.70 0.00	27.83 -0.60 -3.04	25.75 -0.64 0.00	28.33 -0.88 0.00	28.44 -1.19 0.00	31.69 -1.39 0.00	28.85 -1.58 13.45	45.70 -1.32 0.00	44.80 -1.60 0.00	50.78 -1.66 0.00	45.76 -1.01 0.00	47.66 -1.51 0.00	39.24 -1.58 0.00	32.70 -1.06 1.32	24.18 -0.38 0.00	26.84 -0.46 0.00	25.39 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	-20.89 -0.85 43.95	-7.07 -0.95 29.90	-8.36 -0.90 28.36	19.72 -0.78 0.00	19.04 -0.67 0.00	23.78 -0.59 0.00	25.77 -0.40 0.00	27.68 -0.16 0.00	25.22 -0.17 0.00	25.86 -0.53 0.00	28.36 -0.85 0.00	28.26 -1.36 0.00	31.61 -1.46 0.00	33.79 -1.46 8.64	45.73 -1.28 0.00	45.23 -1.17 0.00	51.43 -1.01 0.00	46.02 -0.75 0.00	48.25 -0.92 0.00	40.38 -0.43 0.00	30.86 -0.46 3.76	24.28 -0.28 0.00	26.94 -0.36 0.00	25.12 -0.78 0.00
MARSHVLE_115KV_TB1 80742	25.22 1.32 0.00	25.04 1.26 0.00	22.00 1.11 0.00	21.64 1.13 0.00	20.89 1.18 0.00	25.86 1.49 0.00	27.75 1.58 0.00	29.34 1.49 0.00	26.76 1.37 0.00	28.17 1.78 0.00	30.73 1.60 0.09	31.15 1.59 0.07	34.50 1.73 0.31	45.84 2.08 0.12	49.38 2.37 0.00	48.66 2.26 0.00	55.13 2.69 0.00	49.55 2.77 0.00	52.17 3.00 0.00	43.51 2.69 0.00	37.96 2.14 -0.75	32.72 1.74 -6.42	30.06 1.81 -0.95	27.65 1.65 -0.10
MARSH_HILL_WT_PWR 323713	22.87 -1.03 0.00	22.64 -1.13 0.00	19.66 -1.23 0.00	19.28 -1.23 0.00	18.69 -1.03 0.00	23.54 -0.82 0.00	25.53 -0.64 0.00	27.56 -0.28 0.00	25.14 -0.25 0.00	26.48 0.09 0.00	30.01 0.80 0.00	30.67 1.05 0.00	33.98 0.90 0.00	44.88 1.00 0.00	48.27 1.11 -0.15	48.52 1.33 -0.78	54.43 1.03 -0.96	46.83 -0.28 -0.34	49.51 -0.24 -0.57	40.68 -0.29 -0.15	34.49 -0.59 0.00	24.44 -0.12 0.00	27.48 0.19 0.00	27.55 0.15 -1.49
MCINTYRE_115KV_TB2 80467	-13.21 -0.24 36.87	-1.44 -0.14 25.08	-2.99 -0.09 23.79	20.44 -0.07 0.00	19.62 -0.10 0.00	24.25 -0.12 0.00	26.12 -0.06 0.00	27.61 -0.24 0.00	-44.69 -0.46 69.62	25.83 -0.55 0.00	28.18 -1.04 0.00	28.04 -1.58 0.00	31.23 -1.84 0.00	34.69 -1.94 7.25	45.29 -1.72 0.00	44.55 -1.85 0.00	50.91 -1.53 0.00	45.88 -0.89 0.00	48.11 -1.06 0.00	39.93 -0.89 0.00	23.52 -0.64 10.92	24.25 -0.31 0.00	26.94 -0.36 0.00	25.69 -0.21 0.00
MECO_____69_KV_BK1 80468	26.27 2.37 0.00	26.06 2.28 0.00	22.89 2.00 0.00	22.47 1.96 0.00	21.64 1.93 0.00	26.74 2.37 0.00	28.24 2.07 0.00	30.02 2.17 0.00	26.98 1.59 0.00	27.63 1.24 0.00	30.73 1.62 0.10	30.72 1.18 0.08	33.86 1.15 0.36	45.21 1.47 0.14	49.00 1.99 0.00	47.18 0.77 0.00	54.10 1.66 0.00	51.48 4.71 0.00	54.98 5.80 0.00	46.09 5.27 0.00	40.45 4.43 -0.94	35.71 3.05 -8.10	31.57 3.08 -1.20	28.76 2.73 -0.12
MENANDS___115KV_TB5 355628	24.68 0.78 0.00	24.58 0.80 0.00	21.65 0.76 0.00	21.24 0.73 0.00	20.36 0.64 0.00	25.08 0.71 0.00	26.87 0.69 0.00	28.50 0.65 0.00	25.88 0.49 0.00	26.86 0.48 0.00	29.66 0.63 0.18	31.54 1.07 -0.85	38.10 1.22 -3.81	45.03 1.39 0.24	48.39 1.38 0.00	47.74 1.34 0.00	53.85 1.41 0.00	48.48 1.71 0.00	51.24 2.07 0.00	42.44 1.63 0.00	38.14 1.40 -1.65	38.31 0.84 -12.91	30.13 0.93 -1.90	26.89 0.79 -0.19
MG INDUSTRY___DRP 24185	24.60 0.70 0.00	24.52 0.75 0.00	21.58 0.69 0.00	21.18 0.67 0.00	20.33 0.61 0.00	25.05 0.69 0.00	26.82 0.65 0.00	28.45 0.60 0.00	25.77 0.38 0.00	26.73 0.34 0.00	29.63 0.52 0.10	31.17 0.75 -0.79	37.42 0.77 -3.57	44.55 0.80 0.13	47.65 0.64 0.00	47.14 0.73 0.00	53.30 0.86 0.00	47.85 1.08 0.00	50.62 1.45 0.00	42.15 1.32 0.00	37.70 1.23 -1.39	36.08 0.76 -10.76	29.71 0.83 -1.59	26.80 0.73 -0.16

MID___OSWEGATCHIE_HYD 23849	-0.23 -0.99 23.14	7.20 -0.84 15.74	5.24 -0.72 14.93	19.89 -0.62 0.00	19.05 -0.66 0.00	23.60 -0.76 0.00	25.46 -0.71 0.00	27.00 -0.85 0.00	-17.37 -0.68 42.07	25.65 -0.74 0.00	28.15 -1.06 0.00	28.26 -1.36 0.00	31.36 -1.72 0.00	37.25 -2.08 4.55	45.61 -1.64 -0.24	45.74 -1.90 -1.24	52.21 -1.75 -1.52	46.27 -1.03 -0.53	48.88 -1.20 -0.91	39.65 -1.40 -0.23	8.97 -1.30 24.81	24.32 -0.24 0.00	26.97 -0.33 0.00	25.41 -0.50 0.00
MID___RAQUETTE_HYD 23851	-11.79 -0.78 34.91	-0.64 -0.67 23.75	-2.20 -0.56 22.53	20.00 -0.51 0.00	19.16 -0.55 0.00	23.69 -0.68 0.00	25.46 -0.71 0.00	26.96 -0.88 0.00	-37.52 -0.93 61.98	25.42 -0.97 0.00	27.88 -1.34 0.00	27.74 -1.89 0.00	30.73 -2.35 0.00	34.35 -2.67 6.86	44.66 -2.48 -0.12	44.34 -2.70 -0.64	50.46 -2.75 -0.78	44.93 -2.12 -0.27	47.26 -2.38 -0.46	38.91 -2.03 -0.12	20.47 -1.70 12.91	23.62 -0.94 0.00	26.29 -1.00 0.00	25.11 -0.80 0.00
MILLIKEN___1 23584	24.21 0.31 0.00	24.04 0.26 0.00	21.09 0.19 0.00	20.73 0.22 0.00	19.97 0.26 0.00	24.78 0.42 0.00	26.68 0.50 0.00	28.45 0.60 0.00	26.25 0.86 0.00	27.31 0.92 0.00	30.35 1.14 0.00	30.81 1.18 0.00	34.14 1.06 0.00	44.89 1.01 0.00	48.56 1.10 -0.45	49.97 1.26 -2.30	57.08 1.81 -2.82	49.03 1.27 -0.99	52.19 1.34 -1.68	42.32 1.07 -0.43	35.77 0.70 0.00	25.19 0.62 -0.01	27.93 0.63 0.00	26.38 0.47 0.00
MILLIKEN___2 23585	24.21 0.31 0.00	24.04 0.26 0.00	21.09 0.19 0.00	20.73 0.22 0.00	19.97 0.26 0.00	24.78 0.42 0.00	26.68 0.50 0.00	28.45 0.60 0.00	26.25 0.86 0.00	27.31 0.92 0.00	30.35 1.14 0.00	30.81 1.18 0.00	34.14 1.06 0.00	44.89 1.01 0.00	48.56 1.10 -0.45	49.97 1.26 -2.30	57.08 1.81 -2.82	49.03 1.27 -0.99	52.19 1.34 -1.68	42.32 1.07 -0.43	35.77 0.70 0.00	25.19 0.62 -0.01	27.93 0.63 0.00	26.38 0.47 0.00
MILLIKEN___DIESEL 23629	24.21 0.31 0.00	24.04 0.26 0.00	21.09 0.19 0.00	20.73 0.22 0.00	19.97 0.26 0.00	24.78 0.42 0.00	26.68 0.50 0.00	28.45 0.60 0.00	26.25 0.86 0.00	27.31 0.92 0.00	30.35 1.14 0.00	30.81 1.18 0.00	34.14 1.06 0.00	44.89 1.01 0.00	48.56 1.10 -0.45	49.97 1.26 -2.30	57.08 1.81 -2.82	49.03 1.27 -0.99	52.19 1.34 -1.68	42.32 1.07 -0.43	35.77 0.70 0.00	25.19 0.62 -0.01	27.93 0.63 0.00	26.38 0.47 0.00
MILLSEAT___LFGE 323607	23.60 -0.30 0.00	23.38 -0.40 0.00	20.45 -0.45 0.00	20.15 -0.36 0.00	19.55 -0.17 0.00	24.27 -0.09 0.00	26.00 -0.17 0.00	27.63 -0.22 0.00	25.09 -0.29 0.00	26.44 0.05 0.00	29.69 0.48 0.00	30.43 0.80 0.00	33.92 0.84 0.00	44.04 0.15 0.00	47.62 0.61 0.00	46.84 0.43 0.00	52.35 -0.09 0.00	45.76 -1.01 0.00	47.62 -1.55 0.00	39.35 -1.47 0.00	33.57 -1.50 0.00	23.93 -0.63 0.00	27.04 -0.25 0.00	21.83 -0.27 3.80
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.34 1.43 0.00	25.09 1.32 0.00	22.05 1.16 0.00	21.64 1.12 0.00	20.75 1.03 0.00	25.60 1.24 0.00	27.49 1.32 0.00	29.28 1.44 0.00	26.78 1.39 0.00	27.93 1.54 0.00	31.45 2.06 -0.18	38.84 2.57 -6.64	66.05 2.90 -30.07	47.61 3.48 -0.24	50.58 3.57 0.00	50.18 3.78 0.00	56.61 4.17 0.00	50.47 3.70 0.00	53.06 3.89 0.00	44.00 3.18 0.00	45.96 2.82 -8.06	114.27 1.74 -87.97	42.98 1.87 -13.81	28.47 1.65 -0.91
MILLWOOD_13_KV_LOAD 356217	25.41 1.51 0.00	25.17 1.39 0.00	22.12 1.22 0.00	21.70 1.19 0.00	20.80 1.09 0.00	25.68 1.31 0.00	27.58 1.41 0.00	29.38 1.54 0.00	26.88 1.49 0.00	28.04 1.65 0.00	31.60 2.20 -0.18	38.99 2.72 -6.64	66.23 3.09 -30.07	47.85 3.73 -0.24	50.84 3.83 0.00	50.44 4.04 0.00	56.91 4.47 0.00	50.74 3.97 0.00	53.32 4.14 0.00	44.21 3.39 0.00	46.15 3.01 -8.06	114.38 1.84 -87.97	43.09 1.99 -13.81	28.57 1.75 -0.91
MODEL_CITY_ENERGY 24167	22.71 -1.19 0.00	22.53 -1.24 0.00	19.72 -1.17 0.00	19.46 -1.05 0.00	18.88 -0.84 0.00	23.41 -0.95 0.00	25.00 -1.17 0.00	26.49 -1.35 0.00	24.06 -1.33 0.00	25.41 -0.98 0.00	28.54 -0.67 0.00	29.17 -0.46 0.00	32.50 -0.57 0.00	42.10 -1.78 0.00	45.41 -1.61 0.00	44.54 -1.86 0.00	49.79 -2.65 0.00	43.52 -3.25 0.00	45.33 -3.84 0.00	37.53 -3.29 0.00	32.05 -3.03 0.00	22.91 -1.64 0.00	26.05 -1.25 0.00	20.25 -1.12 4.54
MODERN_LFGE___ 323580	22.71 -1.19 0.00	22.53 -1.24 0.00	19.72 -1.17 0.00	19.46 -1.05 0.00	18.88 -0.84 0.00	23.41 -0.95 0.00	25.00 -1.17 0.00	26.49 -1.35 0.00	24.06 -1.33 0.00	25.41 -0.98 0.00	28.54 -0.67 0.00	29.17 -0.46 0.00	32.50 -0.57 0.00	42.10 -1.78 0.00	45.41 -1.61 0.00	44.54 -1.86 0.00	49.79 -2.65 0.00	43.52 -3.25 0.00	45.33 -3.84 0.00	37.53 -3.29 0.00	32.05 -3.03 0.00	22.91 -1.64 0.00	26.05 -1.25 0.00	20.25 -1.12 4.54
MOHAWK_PAPER___DRP 24187	24.83 0.92 0.00	24.71 0.93 0.00	21.74 0.85 0.00	21.33 0.82 0.00	20.46 0.74 0.00	25.21 0.84 0.00	27.02 0.84 0.00	28.68 0.83 0.00	26.07 0.68 0.00	27.08 0.69 0.00	29.88 0.84 0.18	31.69 1.22 -0.85	38.25 1.38 -3.79	45.28 1.64 0.24	48.64 1.63 0.00	48.01 1.60 0.00	54.20 1.76 0.00	48.78 2.01 0.00	51.58 2.40 0.00	42.75 1.93 0.00	38.40 1.67 -1.65	38.46 1.03 -12.87	30.33 1.13 -1.90	27.06 0.96 -0.19
MOHICAN___35_KV_115KV_LD 80490	25.44 1.54 0.00	25.16 1.38 0.00	22.06 1.17 0.00	21.69 1.18 0.00	20.75 1.04 0.00	25.69 1.33 0.00	27.69 1.52 0.00	29.37 1.53 0.00	26.61 1.22 0.00	27.72 1.33 0.00	30.33 1.29 0.17	31.95 1.56 -0.77	38.13 1.56 -3.49	45.81 2.16 0.24	49.12 2.11 0.00	48.51 2.11 0.00	54.96 2.52 0.00	49.65 2.88 0.00	52.76 3.59 0.00	43.91 3.09 0.00	39.31 2.70 -1.53	38.19 1.69 -11.94	30.95 1.89 -1.76	27.66 1.57 -0.18
MONGAUP___HYD 23641	25.30 1.40 0.00	25.04 1.26 0.00	21.99 1.10 0.00	21.58 1.06 0.00	20.71 0.99 0.00	25.57 1.21 0.00	27.46 1.29 0.00	29.21 1.37 0.00	26.66 1.27 0.00	27.66 1.27 0.00	30.91 1.55 -0.15	26.55 1.97 5.04	12.55 2.30 22.83	46.83 2.75 -0.19	49.57 2.56 0.00	49.08 2.68 0.00	55.65 3.21 0.00	49.78 3.01 0.00	52.45 3.27 0.00	44.02 3.19 0.00	31.03 2.95 7.00	-31.59 1.83 57.98	20.51 1.92 8.70	26.75 1.64 0.80
MONTAUK___DIESEL 23721	27.22 1.72 -1.60	27.08 1.69 -1.61	22.30 1.40 0.00	21.89 1.38 0.00	20.93 1.22 0.00	25.78 1.41 0.00	27.69 1.52 0.00	29.57 1.72 0.00	27.06 1.67 0.00	28.37 1.98 0.00	37.58 3.02 -5.34	41.92 4.15 -8.14	78.42 4.20 -41.14	58.99 5.29 -9.81	57.14 4.97 -5.16	54.97 5.28 -3.29	60.00 5.94 -1.63	154.67 5.43 -102.47	77.18 5.46 -22.54	65.78 4.20 -20.76	46.89 4.07 -7.74	90.36 2.42 -63.38	39.25 2.46 -9.50	28.86 2.08 -0.88
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.20 -0.71 0.00	22.99 -0.79 0.00	20.01 -0.89 0.00	19.74 -0.77 0.00	19.20 -0.51 0.00	24.32 -0.04 0.00	26.42 0.25 0.00	28.22 0.38 0.00	25.84 0.45 0.00	27.33 0.94 0.00	30.99 1.78 0.00	31.57 1.94 0.00	35.19 2.11 0.00	46.29 2.40 0.00	49.58 2.57 0.00	48.55 2.15 0.00	54.28 1.84 0.00	47.14 0.37 0.00	49.30 0.13 0.00	40.13 -0.69 0.00	34.23 -0.84 0.00	24.46 -0.10 0.00	27.66 0.37 0.00	26.17 0.26 0.00

MORTIMER_115KV_TB3 55949	23.62 -0.28 0.00	23.44 -0.34 0.00	20.53 -0.36 0.00	20.21 -0.30 0.00	19.54 -0.18 0.00	24.23 -0.14 0.00	25.96 -0.21 0.00	27.61 -0.24 0.00	25.15 -0.24 0.00	26.45 0.07 0.00	29.64 0.43 0.00	30.22 0.59 0.00	33.66 0.57 0.00	44.02 0.14 0.00	47.41 0.40 0.00	46.69 0.29 0.00	52.39 -0.05 0.00	46.08 -0.69 0.00	48.09 -1.08 0.00	39.81 -1.01 0.00	34.01 -1.07 0.00	24.08 -0.48 0.00	27.00 -0.30 0.00	25.54 -0.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.55 1.64 0.00	25.30 1.52 0.00	22.23 1.34 0.00	21.82 1.30 0.00	20.92 1.20 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.53 1.68 0.00	27.04 1.65 0.00	28.23 1.85 0.00	31.83 2.44 -0.18	39.25 2.98 -6.64	65.80 3.34 -29.38	48.09 3.97 -0.24	51.04 4.03 0.00	50.62 4.22 0.00	57.09 4.65 0.00	50.87 4.10 0.00	53.45 4.28 0.00	44.34 3.52 0.00	45.93 3.16 -7.69	89.67 1.97 -63.13	38.91 2.16 -9.46	28.70 1.91 -0.88
MUNSVILLE_WIND_PWR 323609	24.73 0.82 0.00	24.69 0.91 0.00	21.77 0.88 0.00	21.42 0.91 0.00	20.59 0.87 0.00	25.73 1.37 0.00	27.86 1.69 0.00	29.85 2.01 0.00	27.45 2.06 0.00	28.36 1.98 0.00	31.40 2.18 0.00	32.10 2.47 0.00	35.74 2.66 0.00	46.92 3.04 0.00	50.54 3.25 -0.28	51.60 3.74 -1.46	59.40 5.18 -1.78	51.97 4.57 -0.63	55.26 5.03 -1.06	45.00 3.91 -0.27	37.78 2.70 0.00	26.73 2.17 0.00	29.67 2.38 0.00	29.10 2.01 -1.18
N SALMON___HYD 24042	-17.80 -0.69 41.02	-4.81 -0.68 27.91	-6.21 -0.64 26.47	19.96 -0.55 0.00	19.22 -0.50 0.00	23.93 -0.44 0.00	25.89 -0.28 0.00	27.74 -0.10 0.00	5.33 -0.13 19.93	25.93 -0.46 0.00	28.47 -0.74 0.00	28.35 -1.28 0.00	31.63 -1.45 0.00	34.42 -1.40 8.06	45.82 -1.20 0.00	45.23 -1.17 0.00	51.37 -1.07 0.00	46.03 -0.74 0.00	48.27 -0.90 0.00	40.45 -0.37 0.00	27.84 -0.51 6.72	24.30 -0.26 0.00	26.95 -0.35 0.00	25.31 -0.59 0.00
N.AKRON__115KV_KNAPP 355671	23.46 -0.44 0.00	23.27 -0.51 0.00	20.35 -0.54 0.00	20.06 -0.45 0.00	19.46 -0.26 0.00	24.16 -0.21 0.00	25.85 -0.33 0.00	27.47 -0.38 0.00	24.96 -0.43 0.00	26.32 -0.06 0.00	29.59 0.38 0.00	30.24 0.61 0.00	33.71 0.63 0.00	43.81 -0.08 0.00	47.35 0.34 0.00	46.51 0.11 0.00	51.99 -0.45 0.00	45.42 -1.35 0.00	47.28 -1.90 0.00	39.09 -1.74 0.00	33.33 -1.75 0.00	23.76 -0.80 0.00	26.90 -0.40 0.00	25.53 -0.38 0.00
N.BELMOR_69_KV_BK1 55787	27.37 1.87 -1.60	27.24 1.86 -1.61	22.47 1.58 0.00	22.07 1.56 0.00	21.13 1.41 0.00	26.04 1.68 0.00	27.91 1.74 0.00	29.74 1.90 0.00	27.19 1.80 0.00	28.38 2.00 0.00	37.38 2.83 -5.34	41.08 3.31 -8.14	81.45 3.73 -44.64	58.23 4.54 -9.81	56.80 4.63 -5.16	54.50 4.81 -3.28	60.70 5.36 -2.90	161.74 4.86 -110.11	64.04 4.97 -9.90	44.77 3.95 0.00	46.28 3.47 -7.73	90.17 2.23 -63.38	39.18 2.39 -9.50	28.94 2.15 -0.88
N.E_GEN_SANDY PD 24062	25.55 1.10 -0.55	25.56 1.07 -0.71	23.51 0.99 -1.63	24.41 0.95 -2.94	23.39 0.87 -2.80	25.38 1.01 0.00	60.81 0.98 -33.65	28.87 0.96 -0.06	26.03 0.80 0.16	27.21 0.82 0.00	28.90 1.01 1.32	31.80 1.43 -0.74	38.50 1.55 -3.88	46.53 1.78 -0.86	48.81 1.79 0.00	48.37 1.97 0.00	54.59 2.15 0.00	53.52 2.25 -4.50	77.94 2.67 -26.10	46.41 2.20 -3.39	40.41 1.97 -3.36	53.06 1.19 -27.31	32.80 1.30 -4.21	27.25 1.10 -0.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.30 1.40 0.00	25.04 1.26 0.00	21.99 1.10 0.00	21.58 1.07 0.00	20.69 0.98 0.00	25.56 1.19 0.00	27.46 1.29 0.00	29.25 1.40 0.00	26.73 1.34 0.00	27.86 1.47 0.00	31.37 1.99 -0.17	23.58 2.50 8.54	-2.76 2.82 38.66	47.54 3.43 -0.22	50.57 3.56 0.00	50.19 3.79 0.00	56.61 4.17 0.00	50.44 3.67 0.00	53.01 3.83 0.00	43.96 3.13 0.00	28.15 2.75 9.68	-52.44 1.69 78.70	17.29 1.83 11.83	26.45 1.62 1.08
N.QUEENS_27_KV_LOAD 356247	25.66 1.76 0.00	25.42 1.64 0.00	22.35 1.46 0.00	21.90 1.39 0.00	21.00 1.29 0.00	25.90 1.53 0.00	27.85 1.67 0.00	29.70 1.85 0.00	27.20 1.81 0.00	28.40 2.01 0.00	31.99 2.59 -0.19	39.39 3.14 -6.62	65.91 3.50 -29.33	48.29 4.17 -0.24	51.22 4.21 0.00	50.85 4.44 0.00	57.37 4.93 0.00	51.07 4.30 0.00	53.57 4.39 0.00	44.50 3.67 0.00	46.00 3.23 -7.69	89.73 2.03 -63.14	39.03 2.27 -9.46	28.84 2.05 -0.88
N.TROY___115KV_TB1 355778	24.92 1.02 0.00	24.79 1.01 0.00	21.80 0.91 0.00	21.39 0.88 0.00	20.52 0.80 0.00	25.30 0.93 0.00	27.13 0.95 0.00	28.76 0.92 0.00	26.12 0.73 0.00	27.13 0.74 0.00	29.82 0.83 0.23	31.59 1.15 -0.81	37.97 1.22 -3.67	45.00 1.43 0.31	48.45 1.44 0.00	47.88 1.47 0.00	54.09 1.65 0.00	48.66 1.89 0.00	51.50 2.33 0.00	42.77 1.95 0.00	38.52 1.76 -1.68	38.78 1.08 -13.14	30.45 1.22 -1.94	27.13 1.02 -0.20
NARROWS_GT1_1 24228	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT1_2 24229	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT1_3 24230	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT1_4 24231	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT1_5 24232	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22

NARROWS_GT1_6 24233	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT1_7 24234	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT1_8 24235	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_1 24236	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_2 24237	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_3 24238	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_4 24239	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_5 24240	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_6 24241	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_7 24242	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NARROWS_GT2_8 24243	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.46 4.34 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.13 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.17 1.26 0.00	25.10 1.32 0.00	22.08 1.18 0.00	21.66 1.15 0.00	20.77 1.05 0.00	25.61 1.24 0.00	27.46 1.28 0.00	29.12 1.28 0.00	26.34 0.95 0.00	27.22 0.83 0.00	30.16 1.02 0.07	30.88 1.31 0.05	34.38 1.53 0.22	45.60 1.80 0.09	48.69 1.68 0.00	48.23 1.83 0.00	54.55 2.11 0.00	49.22 2.44 0.00	52.30 3.13 0.00	43.63 2.80 0.00	38.38 2.45 -0.84	33.37 1.56 -7.25	30.01 1.65 -1.07	27.41 1.40 -0.11
NCHELSEA_115KV_TR2 355582	25.48 1.57 0.00	25.23 1.45 0.00	22.15 1.26 0.00	21.74 1.23 0.00	20.86 1.14 0.00	25.75 1.38 0.00	27.64 1.47 0.00	29.44 1.60 0.00	26.91 1.52 0.00	28.07 1.68 0.00	31.57 2.21 -0.14	32.46 2.73 -0.10	36.67 3.11 -0.48	47.95 3.88 -0.19	51.06 4.05 0.00	50.69 4.29 0.00	57.28 4.83 0.00	51.10 4.33 0.00	53.75 4.58 0.00	44.57 3.75 0.00	41.37 3.25 -3.05	54.21 2.11 -27.54	33.61 2.21 -4.10	28.21 1.91 -0.39
NEG CAPITAL___MECHNVIL 23645	25.25 1.35 0.00	25.06 1.28 0.00	22.01 1.12 0.00	21.60 1.09 0.00	20.72 1.00 0.00	25.57 1.21 0.00	27.49 1.32 0.00	29.17 1.33 0.00	26.54 1.15 0.00	27.61 1.22 0.00	30.38 1.36 0.20	32.04 1.64 -0.78	38.37 1.74 -3.55	45.84 2.22 0.27	49.30 2.29 0.00	48.70 2.30 0.00	55.08 2.65 0.00	49.62 2.85 0.00	52.48 3.31 0.00	43.61 2.79 0.00	39.10 2.43 -1.59	38.46 1.53 -12.37	30.80 1.68 -1.83	27.50 1.41 -0.19
NEG CENTRAL_HIGH_ACRES 23767	23.30 -0.61 0.00	23.12 -0.66 0.00	20.25 -0.64 0.00	19.92 -0.59 0.00	19.25 -0.46 0.00	23.88 -0.49 0.00	25.62 -0.55 0.00	27.30 -0.55 0.00	24.88 -0.52 0.00	26.11 -0.28 0.00	29.22 0.01 0.00	29.85 0.23 0.00	33.23 0.16 0.00	43.48 -0.40 0.00	46.78 -0.23 0.00	46.13 -0.27 0.00	51.79 -0.65 0.00	45.62 -1.15 0.00	47.64 -1.53 0.00	39.44 -1.39 0.00	33.72 -1.36 0.00	23.82 -0.74 0.00	26.64 -0.66 0.00	23.50 -0.73 1.68

NEG CENTRAL___DRP 24199	23.84 -0.07 0.00	23.63 -0.15 0.00	20.69 -0.20 0.00	20.35 -0.16 0.00	19.64 -0.08 0.00	24.40 0.04 0.00	26.26 0.09 0.00	28.01 0.17 0.00	24.45 0.18 1.12	26.71 0.32 0.00	29.81 0.59 0.00	30.46 0.83 0.00	33.84 0.76 0.00	44.38 0.50 0.00	48.08 0.61 -0.46	49.59 0.83 -2.35	56.23 0.91 -2.88	48.07 0.29 -1.01	51.07 0.18 -1.72	41.36 0.10 -0.44	34.94 -0.14 0.00	24.68 0.11 -0.01	27.42 0.12 0.00	25.89 -0.02 0.00
NEG CENTRAL___INDECK 23768	24.14 0.24 0.00	23.89 0.11 0.00	20.81 -0.08 0.00	20.48 -0.03 0.00	19.82 0.11 0.00	24.75 0.38 0.00	26.68 0.50 0.00	28.51 0.67 0.00	25.86 0.47 0.00	27.03 0.64 0.00	30.33 1.12 0.00	30.51 0.88 0.00	33.60 0.52 0.00	44.13 0.24 0.00	47.45 0.44 0.00	47.31 0.91 0.00	53.19 0.75 0.00	46.58 -0.19 0.00	48.61 -0.56 0.00	40.25 -0.57 0.00	34.33 -0.75 0.00	24.78 0.22 0.00	28.00 0.71 0.00	26.44 0.53 0.00
NEG CENTRAL___SENECA 23627	23.87 -0.04 0.00	23.64 -0.14 0.00	20.67 -0.22 0.00	20.34 -0.17 0.00	19.65 -0.07 0.00	24.46 0.09 0.00	26.33 0.16 0.00	28.15 0.31 0.00	25.64 0.25 0.00	26.83 0.44 0.00	29.98 0.77 0.00	30.69 1.06 0.00	34.02 0.95 0.00	44.57 0.69 0.00	48.11 0.85 -0.24	48.76 1.11 -1.25	55.14 1.17 -1.53	47.72 0.41 -0.54	50.33 0.24 -0.91	41.17 0.12 -0.23	34.93 -0.15 0.00	24.73 0.17 0.00	27.51 0.21 0.00	25.97 0.06 0.00
NEG CENTRAL___STATE_STREET 24147	23.98 0.08 0.00	23.83 0.05 0.00	20.89 -0.01 0.00	20.54 0.03 0.00	19.81 0.09 0.00	24.54 0.17 0.00	26.41 0.23 0.00	28.05 0.20 0.00	24.65 0.40 1.13	26.89 0.50 0.00	29.92 0.71 0.00	30.42 0.79 0.00	33.84 0.76 0.00	44.37 0.48 0.00	48.30 0.68 -0.61	50.38 0.84 -3.13	57.41 1.13 -3.84	48.63 0.51 -1.35	51.99 0.52 -2.29	41.83 0.42 -0.58	35.16 0.08 0.00	24.80 0.24 -0.01	27.57 0.28 0.00	26.05 0.14 0.00
NEG MILLWOOD___DRP 24198	25.56 1.65 0.00	25.31 1.53 0.00	22.23 1.33 0.00	21.80 1.29 0.00	20.92 1.20 0.00	25.82 1.46 0.00	27.72 1.55 0.00	29.55 1.70 0.00	27.03 1.64 0.00	28.21 1.83 0.00	31.77 2.40 -0.16	34.61 2.96 -2.03	45.64 3.37 -9.19	48.30 4.20 -0.21	51.41 4.40 0.00	51.03 4.63 0.00	57.64 5.20 0.00	51.39 4.62 0.00	54.07 4.90 0.00	44.80 3.98 0.00	43.05 3.44 -4.53	64.88 2.16 -38.16	35.21 2.22 -5.69	28.36 1.91 -0.54
NEG NORTH_FLCN_SEA 23793	-20.55 -0.60 43.84	-6.76 -0.71 29.83	-8.11 -0.71 28.29	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.11 -0.07 0.00	28.06 0.22 0.00	25.53 0.15 0.00	26.14 -0.25 0.00	28.74 -0.47 0.00	28.64 -0.99 0.00	32.02 -1.05 0.00	34.35 -0.91 8.62	46.38 -0.63 0.00	45.83 -0.57 0.00	52.10 -0.34 0.00	46.70 -0.07 0.00	49.01 -0.17 0.00	41.06 0.25 0.00	31.26 0.05 3.87	24.58 0.02 0.00	27.29 0.00 0.00	25.42 -0.48 0.00
NEG NORTH_KES_CHATEGAY 23792	-20.00 -0.81 43.09	-6.38 -0.84 29.31	-7.71 -0.80 27.81	19.81 -0.70 0.00	19.10 -0.61 0.00	23.82 -0.55 0.00	25.78 -0.39 0.00	27.69 -0.16 0.00	19.50 -0.17 5.72	25.80 -0.59 0.00	28.28 -0.93 0.00	28.17 -1.45 0.00	31.50 -1.57 0.00	33.89 -1.52 8.47	45.59 -1.42 0.00	45.06 -1.35 0.00	51.21 -1.23 0.00	45.87 -0.90 0.00	48.15 -1.03 0.00	40.33 -0.49 0.00	29.88 -0.56 4.63	24.24 -0.32 0.00	26.87 -0.42 0.00	25.15 -0.75 0.00
NEG NORTH___ALICE_FALLS 23915	-20.43 -0.61 43.72	-6.67 -0.70 29.75	-8.02 -0.70 28.21	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.11 -0.06 0.00	28.07 0.23 0.00	24.21 0.17 1.36	26.11 -0.27 0.00	28.67 -0.54 0.00	28.58 -1.05 0.00	31.97 -1.11 0.00	34.36 -0.93 8.60	46.32 -0.69 0.00	45.80 -0.61 0.00	52.08 -0.36 0.00	46.74 -0.03 0.00	49.06 -0.12 0.00	41.16 0.34 0.00	31.18 0.09 3.99	24.60 0.04 0.00	27.31 0.01 0.00	25.43 -0.47 0.00
NEG NORTH___LWR_SARANAC 23913	-20.43 -0.61 43.72	-6.67 -0.70 29.75	-8.02 -0.70 28.21	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.11 -0.06 0.00	28.07 0.23 0.00	24.21 0.17 1.36	26.11 -0.27 0.00	28.67 -0.54 0.00	28.58 -1.05 0.00	31.97 -1.11 0.00	34.36 -0.93 8.60	46.32 -0.69 0.00	45.80 -0.61 0.00	52.08 -0.36 0.00	46.74 -0.03 0.00	49.06 -0.12 0.00	41.16 0.34 0.00	31.18 0.09 3.99	24.60 0.04 0.00	27.31 0.01 0.00	25.43 -0.47 0.00
NEG NORTH___PLATTSBURG 23628	-20.44 -0.62 43.72	-6.67 -0.70 29.75	-8.02 -0.70 28.21	19.93 -0.58 0.00	19.23 -0.49 0.00	24.06 -0.30 0.00	26.11 -0.07 0.00	28.07 0.23 0.00	24.21 0.17 1.36	26.12 -0.27 0.00	28.67 -0.54 0.00	28.58 -1.05 0.00	31.97 -1.11 0.00	34.36 -0.93 8.60	46.33 -0.69 0.00	45.80 -0.61 0.00	52.08 -0.36 0.00	46.74 -0.03 0.00	49.06 -0.12 0.00	41.16 0.34 0.00	31.18 0.09 3.99	24.60 0.04 0.00	27.31 0.01 0.00	25.44 -0.47 0.00
NEG WEST_LEA_LOCKPORT 23791	22.98 -0.92 0.00	22.80 -0.97 0.00	19.95 -0.94 0.00	19.68 -0.83 0.00	19.09 -0.62 0.00	23.70 -0.67 0.00	25.31 -0.86 0.00	26.86 -0.99 0.00	24.40 -0.99 0.00	25.78 -0.61 0.00	28.97 -0.25 0.00	29.55 -0.08 0.00	32.94 -0.13 0.00	42.77 -1.12 0.00	46.13 -0.88 0.00	45.27 -1.13 0.00	50.59 -1.85 0.00	44.20 -2.57 0.00	46.02 -3.16 0.00	38.10 -2.73 0.00	32.51 -2.56 0.00	23.21 -1.35 0.00	26.35 -0.95 0.00	25.05 -0.86 0.00
NEG WEST___LANCASTR 23811	23.21 -0.70 0.00	23.00 -0.77 0.00	20.10 -0.79 0.00	19.85 -0.67 0.00	19.21 -0.50 0.00	23.92 -0.44 0.00	25.64 -0.53 0.00	27.27 -0.57 0.00	24.85 -0.54 0.00	26.20 -0.19 0.00	29.50 0.28 0.00	30.01 0.39 0.00	33.42 0.33 0.00	43.75 -0.13 0.00	46.98 -0.04 0.00	46.12 -0.28 0.00	51.65 -0.79 0.00	45.11 -1.66 0.00	47.12 -2.05 0.00	38.97 -1.85 0.00	33.19 -1.89 0.00	23.69 -0.87 0.00	26.64 -0.65 0.00	25.28 -0.63 0.00
NEG_PENN_ALLEGHNY 23528	23.91 0.01 0.00	23.75 -0.03 0.00	20.80 -0.09 0.00	20.48 -0.03 0.00	19.72 0.00 0.00	24.49 0.12 0.00	26.34 0.17 0.00	28.06 0.21 0.00	25.64 0.25 0.00	26.78 0.39 0.00	29.98 0.76 0.00	30.56 0.93 0.00	34.06 0.98 0.00	45.02 1.13 0.00	48.37 1.09 -0.27	48.94 1.15 -1.39	55.42 1.27 -1.71	48.03 0.66 -0.60	50.86 0.68 -1.02	41.61 0.53 -0.26	35.30 0.22 0.00	24.84 0.28 0.00	27.59 0.30 0.00	26.98 0.17 -0.91
NEG___GEN_MONROE 24207	23.79 -0.12 0.00	23.60 -0.18 0.00	20.66 -0.23 0.00	20.33 -0.18 0.00	19.68 -0.04 0.00	24.41 0.04 0.00	26.16 -0.02 0.00	27.82 -0.02 0.00	25.32 -0.07 0.00	26.63 0.24 0.00	29.85 0.63 0.00	30.49 0.86 0.00	33.94 0.86 0.00	44.36 0.48 0.00	47.84 0.83 0.00	47.11 0.70 0.00	52.81 0.37 0.00	46.41 -0.36 0.00	48.38 -0.79 0.00	40.03 -0.80 0.00	34.20 -0.88 0.00	24.23 -0.33 0.00	27.19 -0.10 0.00	25.73 -0.18 0.00
NEPA___ENERGY 23901	23.18 -0.72 0.00	22.95 -0.83 0.00	20.01 -0.88 0.00	19.79 -0.73 0.00	19.15 -0.57 0.00	24.01 -0.36 0.00	25.84 -0.33 0.00	27.52 -0.32 0.00	25.09 -0.30 0.00	26.43 0.04 0.00	29.94 0.72 0.00	30.44 0.82 0.00	33.93 0.85 0.00	44.74 0.85 0.00	47.83 0.82 0.00	47.01 0.61 0.00	52.68 0.24 0.00	45.82 -0.95 0.00	47.99 -1.19 0.00	39.52 -1.30 0.00	33.51 -1.57 0.00	23.97 -0.59 0.00	26.85 -0.44 0.00	25.42 -0.48 0.00

NEVERSINK___HYD 23608	25.49 1.59 0.00	25.23 1.46 0.00	22.15 1.26 0.00	21.74 1.23 0.00	20.87 1.15 0.00	25.78 1.41 0.00	27.68 1.51 0.00	29.48 1.63 0.00	26.94 1.55 0.00	28.07 1.68 0.00	31.46 2.15 -0.10	30.89 2.58 1.31	30.10 2.94 5.92	47.72 3.71 -0.14	50.87 3.86 0.00	50.61 4.20 0.00	57.18 4.74 0.00	51.13 4.36 0.00	53.81 4.63 0.00	44.64 3.82 0.00	35.76 3.24 2.55	4.92 1.97 21.61	26.13 2.08 3.23	27.39 1.79 0.30
NEWKRMKL_115KV_TB1 55635	24.58 0.67 0.00	24.49 0.71 0.00	21.57 0.68 0.00	21.16 0.65 0.00	20.29 0.57 0.00	24.98 0.62 0.00	26.75 0.58 0.00	28.40 0.56 0.00	25.83 0.44 0.00	26.80 0.42 0.00	29.66 0.61 0.16	31.40 0.93 -0.84	37.88 1.01 -3.80	44.81 1.14 0.21	48.11 1.10 0.00	47.56 1.16 0.00	53.74 1.30 0.00	48.21 1.44 0.00	50.89 1.72 0.00	42.25 1.42 0.00	37.96 1.27 -1.61	37.85 0.75 -12.54	29.98 0.83 -1.85	26.80 0.71 -0.19
NEWTON___FALLS_HYD 23847	-0.23 -0.99 23.14	7.20 -0.84 15.74	5.24 -0.72 14.93	19.89 -0.62 0.00	19.05 -0.66 0.00	23.60 -0.76 0.00	25.46 -0.71 0.00	27.00 -0.85 0.00	-17.37 -0.68 42.07	25.65 -0.74 0.00	28.15 -1.06 0.00	28.26 -1.36 0.00	31.36 -1.72 0.00	37.25 -2.08 4.55	45.61 -1.64 -0.24	45.74 -1.90 -1.24	52.21 -1.75 -1.52	46.27 -1.03 -0.53	48.88 -1.20 -0.91	39.65 -1.40 -0.23	8.97 -1.30 24.81	24.32 -0.24 0.00	26.97 -0.33 0.00	25.41 -0.50 0.00
NGRID_A1_DSASP 323792	22.60 -1.31 0.00	22.43 -1.35 0.00	19.65 -1.25 0.00	19.38 -1.13 0.00	18.80 -0.91 0.00	23.31 -1.06 0.00	24.87 -1.31 0.00	26.31 -1.53 0.00	23.88 -1.51 0.00	25.24 -1.15 0.00	28.27 -0.94 0.00	28.79 -0.84 0.00	32.07 -1.01 0.00	41.42 -2.44 0.01	44.67 -2.34 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.55 -4.63 0.00	36.93 -3.89 0.00	31.58 -3.50 0.00	22.61 -1.95 0.00	25.72 -1.57 0.00	19.78 -1.39 4.74
NGRID_A2_DSASP 323793	22.60 -1.31 0.00	22.43 -1.35 0.00	19.65 -1.25 0.00	19.38 -1.13 0.00	18.80 -0.91 0.00	23.31 -1.06 0.00	24.87 -1.31 0.00	26.31 -1.53 0.00	23.88 -1.51 0.00	25.24 -1.15 0.00	28.27 -0.94 0.00	28.79 -0.84 0.00	32.07 -1.01 0.00	41.42 -2.44 0.01	44.67 -2.34 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.55 -4.63 0.00	36.93 -3.89 0.00	31.58 -3.50 0.00	22.61 -1.95 0.00	25.72 -1.57 0.00	19.78 -1.39 4.74
NGRID_A4_DSASP 323807	22.60 -1.31 0.00	22.43 -1.35 0.00	19.65 -1.25 0.00	19.38 -1.13 0.00	18.80 -0.91 0.00	23.31 -1.06 0.00	24.87 -1.31 0.00	26.31 -1.53 0.00	23.88 -1.51 0.00	25.24 -1.15 0.00	28.27 -0.94 0.00	28.79 -0.84 0.00	32.07 -1.01 0.00	41.42 -2.44 0.01	44.67 -2.34 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.55 -4.63 0.00	36.93 -3.89 0.00	31.58 -3.50 0.00	22.61 -1.95 0.00	25.72 -1.57 0.00	19.78 -1.39 4.74
NIAGARA_115E_LBMP 323715	22.53 -1.38 0.00	22.35 -1.43 0.00	19.57 -1.32 0.00	19.31 -1.20 0.00	18.74 -0.98 0.00	23.23 -1.14 0.00	24.79 -1.38 0.00	26.25 -1.59 0.00	23.83 -1.56 0.00	25.18 -1.20 0.00	28.28 -0.94 0.00	28.90 -0.73 0.00	32.20 -0.88 0.00	41.68 -2.21 0.00	44.95 -2.06 0.00	44.08 -2.33 0.00	49.27 -3.17 0.00	43.07 -3.70 0.00	44.88 -4.29 0.00	37.17 -3.66 0.00	31.75 -3.33 0.00	22.71 -1.85 0.00	25.85 -1.45 0.00	19.90 -1.29 4.72
NIAGARA_115W_LBMP 323714	22.55 -1.36 0.00	22.38 -1.39 0.00	19.60 -1.29 0.00	19.35 -1.16 0.00	18.77 -0.95 0.00	23.26 -1.11 0.00	24.81 -1.36 0.00	26.25 -1.59 0.00	23.83 -1.56 0.00	25.18 -1.20 0.00	28.19 -1.02 0.00	28.70 -0.93 0.00	31.97 -1.11 0.00	41.30 -2.57 0.01	44.54 -2.47 0.00	43.64 -2.75 0.01	48.77 -3.67 0.00	42.64 -4.13 0.00	44.44 -4.74 0.00	36.83 -3.99 0.00	31.48 -3.59 0.00	22.55 -2.01 0.00	25.67 -1.63 0.00	19.73 -1.43 4.74
NIAGARA_230_LBMP 323716	22.71 -1.19 0.00	22.54 -1.24 0.00	19.74 -1.16 0.00	19.47 -1.04 0.00	18.88 -0.83 0.00	23.42 -0.94 0.00	25.01 -1.17 0.00	26.47 -1.37 0.00	24.05 -1.34 0.00	25.40 -0.99 0.00	28.50 -0.71 0.00	29.10 -0.53 0.00	32.40 -0.68 0.00	42.01 -1.87 0.00	45.30 -1.72 0.00	44.40 -2.00 0.00	49.68 -2.76 0.00	43.45 -3.33 0.00	45.30 -3.87 0.00	37.53 -3.29 0.00	32.07 -3.01 0.00	22.90 -1.66 0.00	25.95 -1.35 0.00	19.94 -1.25 4.72
NIAGARA___115KV_198_GIBSON 55903	22.53 -1.37 0.00	22.39 -1.39 0.00	19.62 -1.28 0.00	19.35 -1.16 0.00	18.77 -0.95 0.00	23.25 -1.11 0.00	24.80 -1.37 0.00	26.25 -1.59 0.00	23.83 -1.56 0.00	25.18 -1.21 0.00	28.19 -1.03 0.00	28.65 -0.97 0.00	31.92 -1.16 0.00	41.30 -2.57 0.01	44.54 -2.47 0.00	43.64 -2.75 0.01	48.78 -3.65 0.00	42.66 -4.11 0.00	44.44 -4.74 0.00	36.84 -3.98 0.00	31.48 -3.60 0.00	22.52 -2.04 0.00	25.66 -1.63 0.00	24.48 -1.43 0.00
NIAGARA____ 23760	22.71 -1.19 0.00	22.54 -1.24 0.00	19.74 -1.16 0.00	19.47 -1.04 0.00	18.88 -0.83 0.00	23.42 -0.94 0.00	25.01 -1.17 0.00	26.47 -1.37 0.00	24.05 -1.34 0.00	25.40 -0.99 0.00	28.50 -0.71 0.00	29.10 -0.53 0.00	32.40 -0.68 0.00	42.01 -1.87 0.00	45.30 -1.72 0.00	44.40 -2.00 0.00	49.68 -2.76 0.00	43.45 -3.33 0.00	45.30 -3.87 0.00	37.53 -3.29 0.00	32.07 -3.01 0.00	22.90 -1.66 0.00	25.95 -1.35 0.00	19.94 -1.25 4.72
NINE_MILE_1 23575	23.19 -0.71 0.00	23.08 -0.70 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.56 0.00	23.69 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.07 -0.56 0.00	32.38 -0.70 0.00	42.72 -1.17 0.00	41.68 -1.25 4.09	24.25 -1.20 20.95	25.39 -1.37 25.67	36.38 -1.38 9.01	32.42 -1.49 15.27	35.65 -1.27 3.91	33.93 -1.15 0.00	23.79 -0.71 0.06	26.52 -0.78 0.00	25.12 -0.78 0.00
NINE_MILE_2 23744	23.19 -0.71 0.00	23.08 -0.70 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.56 0.00	23.69 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.07 -0.56 0.00	32.38 -0.70 0.00	42.72 -1.17 0.00	41.62 -1.25 4.15	23.94 -1.20 21.27	25.00 -1.37 26.06	36.25 -1.38 9.15	32.19 -1.49 15.50	35.59 -1.27 3.97	33.93 -1.15 0.00	23.79 -0.71 0.06	26.52 -0.77 0.00	25.13 -0.78 0.00
NM_CAPITAL___DRP 24208	24.62 0.72 0.00	24.53 0.75 0.00	21.61 0.72 0.00	21.19 0.68 0.00	20.32 0.60 0.00	25.02 0.66 0.00	26.80 0.63 0.00	28.43 0.59 0.00	25.83 0.44 0.00	26.80 0.42 0.00	29.61 0.58 0.18	31.34 0.85 -0.86	37.83 0.87 -3.87	44.61 0.96 0.23	47.92 0.91 0.00	47.47 1.06 0.00	53.70 1.26 0.00	48.06 1.28 0.00	50.71 1.54 0.00	42.20 1.37 0.00	38.05 1.31 -1.66	38.28 0.78 -12.95	30.07 0.87 -1.91	26.84 0.74 -0.20
NM_CENTRAL___DRP 24181	23.65 -0.25 0.00	23.51 -0.27 0.00	20.62 -0.27 0.00	20.27 -0.24 0.00	19.52 -0.20 0.00	24.16 -0.20 0.00	25.97 -0.21 0.00	27.64 -0.20 0.00	23.47 -0.13 1.79	26.35 -0.04 0.00	29.32 0.11 0.00	29.89 0.27 0.00	33.30 0.23 0.00	43.92 0.04 0.00	47.43 0.02 -0.39	48.53 0.10 -2.03	54.99 0.06 -2.48	47.45 -0.19 -0.87	50.38 -0.27 -1.48	40.91 -0.29 -0.38	34.73 -0.35 0.00	24.42 -0.15 -0.01	27.15 -0.14 0.00	25.68 -0.23 0.00

NM_FRONTIER___DRP 24179	22.53 -1.37 0.00	22.39 -1.39 0.00	19.62 -1.28 0.00	19.35 -1.16 0.00	18.77 -0.95 0.00	23.25 -1.11 0.00	24.80 -1.37 0.00	26.25 -1.59 0.00	23.83 -1.56 0.00	25.18 -1.21 0.00	28.19 -1.03 0.00	28.65 -0.97 0.00	31.92 -1.16 0.00	41.30 -2.57 0.01	44.54 -2.47 0.00	43.64 -2.75 0.01	48.78 -3.65 0.00	42.66 -4.11 0.00	44.44 -4.74 0.00	36.84 -3.98 0.00	31.48 -3.60 0.00	22.52 -2.04 0.00	25.66 -1.63 0.00	24.48 -1.43 0.00
NM_ST_REGIS___HYD 24053	-13.02 -0.75 36.17	-1.49 -0.67 24.61	-3.03 -0.58 23.34	20.00 -0.52 0.00	19.19 -0.53 0.00	23.75 -0.61 0.00	25.59 -0.59 0.00	27.18 -0.66 0.00	-28.64 -0.70 53.32	25.57 -0.82 0.00	28.04 -1.18 0.00	27.90 -1.73 0.00	30.96 -2.12 0.00	34.45 -2.32 7.11	44.98 -2.14 -0.11	44.68 -2.29 -0.57	50.85 -2.30 -0.70	45.27 -1.74 -0.25	47.61 -1.98 -0.42	39.35 -1.58 -0.10	22.06 -1.38 11.63	23.81 -0.76 0.00	26.47 -0.82 0.00	25.17 -0.74 0.00
NORTHPORT___1 23551	26.98 1.48 -1.60	26.95 1.56 -1.61	22.24 1.35 0.00	21.87 1.36 0.00	20.92 1.21 0.00	25.74 1.38 0.00	27.52 1.35 0.00	29.27 1.43 0.00	26.65 1.26 0.00	27.73 1.35 0.00	36.81 2.25 -5.34	40.53 2.76 -8.14	62.64 2.97 -26.59	38.17 3.61 9.31	38.08 3.65 12.59	39.72 3.87 10.56	39.93 4.26 16.78	112.86 3.91 -62.17	63.25 4.02 -10.05	45.37 3.21 -1.34	45.45 2.85 -7.52	78.49 1.63 -52.30	36.44 1.70 -7.45	28.34 1.56 -0.88
NORTHPORT___2 23552	26.98 1.48 -1.60	26.95 1.56 -1.61	22.24 1.35 0.00	21.87 1.36 0.00	20.92 1.21 0.00	25.74 1.38 0.00	27.52 1.35 0.00	29.27 1.43 0.00	26.65 1.26 0.00	27.73 1.35 0.00	36.81 2.25 -5.34	40.53 2.76 -8.14	62.64 2.97 -26.59	38.17 3.61 9.31	38.08 3.65 12.59	37.95 3.87 12.33	18.55 4.26 38.16	36.34 3.91 14.34	36.94 4.02 16.25	38.05 3.21 5.99	38.45 2.85 -0.52	57.69 1.63 -31.50	36.44 1.70 -7.45	28.34 1.56 -0.88
NORTHPORT___3 23553	27.08 1.58 -1.60	27.03 1.64 -1.61	22.31 1.41 0.00	21.91 1.40 0.00	20.98 1.26 0.00	25.82 1.45 0.00	27.61 1.44 0.00	29.36 1.51 0.00	26.74 1.35 0.00	27.85 1.46 0.00	36.91 2.36 -5.34	40.61 2.84 -8.14	62.82 3.01 -26.73	38.20 3.62 9.31	38.15 3.72 12.58	38.01 3.93 12.32	18.70 4.35 38.10	36.78 3.96 13.94	36.93 4.01 16.25	38.03 3.20 6.00	38.39 2.80 -0.51	57.68 1.62 -31.50	36.42 1.68 -7.45	28.39 1.60 -0.88
NORTHPORT___4 23650	27.08 1.58 -1.60	27.03 1.64 -1.61	22.31 1.41 0.00	21.91 1.40 0.00	20.98 1.26 0.00	25.82 1.45 0.00	27.61 1.44 0.00	29.36 1.51 0.00	26.74 1.35 0.00	27.85 1.46 0.00	36.91 2.36 -5.34	40.61 2.84 -8.14	62.82 3.01 -26.73	38.20 3.62 9.31	38.15 3.72 12.58	38.01 3.93 12.32	18.70 4.35 38.10	36.78 3.96 13.94	36.93 4.01 16.25	38.03 3.20 6.00	38.39 2.80 -0.51	57.68 1.62 -31.50	36.42 1.68 -7.45	28.39 1.60 -0.88
NORTHPORT___IC 23718	26.98 1.48 -1.60	26.94 1.56 -1.61	22.24 1.35 0.00	21.87 1.36 0.00	20.92 1.21 0.00	25.74 1.38 0.00	27.53 1.36 0.00	29.27 1.43 0.00	26.65 1.26 0.00	27.73 1.35 0.00	36.81 2.26 -5.34	40.53 2.77 -8.14	62.64 2.97 -26.59	38.17 3.61 9.32	38.07 3.65 12.59	37.95 3.87 12.33	18.55 4.26 38.16	36.35 3.91 14.34	36.94 4.02 16.25	38.04 3.21 5.99	38.45 2.86 -0.52	57.69 1.63 -31.50	36.44 1.70 -7.45	28.35 1.56 -0.88
NORTH___COUNTRY_ESR 323785	-20.07 -0.89 43.07	-6.45 -0.92 29.30	-7.76 -0.86 27.79	19.74 -0.77 0.00	19.05 -0.67 0.00	23.75 -0.61 0.00	25.71 -0.46 0.00	27.60 -0.25 0.00	19.32 -0.24 5.83	25.80 -0.59 0.00	28.27 -0.94 0.00	28.16 -1.46 0.00	31.50 -1.58 0.00	33.84 -1.58 8.47	45.57 -1.44 0.00	45.05 -1.35 0.00	51.17 -1.27 0.00	45.78 -0.99 0.00	48.01 -1.17 0.00	40.18 -0.64 0.00	29.76 -0.68 4.65	24.16 -0.40 0.00	26.79 -0.50 0.00	25.08 -0.83 0.00
NPX_GEN_1385_PROXY 323591	26.16 1.01 -1.25	26.76 1.38 -1.61	22.24 1.35 0.00	22.05 1.54 0.00	21.03 1.31 0.00	25.85 1.49 0.00	27.48 1.30 0.00	29.03 1.19 0.00	26.29 0.90 0.00	27.15 0.76 0.00	36.15 1.60 -5.34	39.98 2.22 -8.14	62.38 2.71 -26.59	37.68 3.11 9.31	37.61 3.18 12.59	39.97 4.44 10.88	37.05 5.28 20.67	99.92 4.92 -48.23	59.82 5.38 -5.26	93.81 4.40 -48.59	56.54 3.85 -17.61	75.09 2.02 -48.51	36.00 1.94 -6.76	29.34 1.52 -1.91
NPX_GEN_CSC 323557	26.77 1.62 -1.25	26.99 1.60 -1.61	22.24 1.35 0.00	21.85 1.33 0.00	20.89 1.18 0.00	25.72 1.36 0.00	27.55 1.38 0.00	29.38 1.53 0.00	26.79 1.40 0.00	27.99 1.61 0.00	37.10 2.55 -5.34	40.93 3.17 -8.14	77.69 3.47 -41.14	58.03 4.34 -9.81	56.61 4.44 -5.16	54.41 4.72 -3.29	59.35 5.29 -1.62	154.06 4.86 -102.43	76.59 5.00 -22.41	65.34 3.96 -20.56	46.35 3.54 -7.74	90.01 2.07 -63.38	38.23 2.12 -8.81	29.68 1.86 -1.91
NSINS_S_GLNS_FALLS 23858	25.40 1.50 0.00	25.13 1.35 0.00	22.03 1.14 0.00	21.65 1.14 0.00	20.72 1.00 0.00	25.65 1.29 0.00	27.64 1.47 0.00	29.33 1.49 0.00	26.58 1.19 0.00	27.69 1.30 0.00	30.29 1.25 0.17	31.91 1.52 -0.77	38.07 1.50 -3.49	45.72 2.08 0.23	49.04 2.03 0.00	48.43 2.03 0.00	54.86 2.42 0.00	49.57 2.80 0.00	52.68 3.50 0.00	43.85 3.03 0.00	39.25 2.65 -1.52	38.11 1.66 -11.89	30.89 1.84 -1.75	27.61 1.52 -0.18
NUCOR_STEEL___DRP 24197	23.97 0.06 0.00	23.82 0.04 0.00	20.88 -0.01 0.00	20.54 0.02 0.00	19.81 0.09 0.00	24.52 0.16 0.00	26.39 0.21 0.00	27.96 0.12 0.00	24.18 0.06 1.27	26.57 0.18 0.00	29.60 0.38 0.00	30.31 0.68 0.00	33.78 0.70 0.00	44.31 0.43 0.00	48.29 0.62 -0.65	50.54 0.78 -3.35	57.53 0.98 -4.11	48.59 0.38 -1.44	52.06 0.44 -2.45	41.79 0.34 -0.63	35.12 0.04 0.00	24.77 0.20 -0.01	27.55 0.26 0.00	26.03 0.12 0.00
NUMBER_THREE_WT_PWR 323818	13.98 -1.02 8.91	16.77 -0.95 6.06	14.30 -0.85 5.75	19.85 -0.66 0.00	19.11 -0.61 0.00	23.58 -0.78 0.00	25.55 -0.62 0.00	27.31 -0.54 0.00	6.75 -0.31 18.32	26.01 -0.38 0.00	28.57 -0.64 0.00	28.86 -0.77 0.00	32.08 -1.00 0.00	40.79 -1.34 1.75	46.67 -0.63 -0.29	46.89 -0.99 -1.48	53.61 -0.64 -1.81	47.62 0.21 -0.63	50.36 0.11 -1.08	40.41 -0.68 -0.28	-12.12 -0.86 46.33	25.09 0.52 0.00	27.76 0.47 0.00	25.85 -0.06 0.00
NYISO_LBMP_REFERENCE 24008	23.90 0.00 0.00	23.78 0.00 0.00	20.89 0.00 0.00	20.51 0.00 0.00	19.72 0.00 0.00	24.36 0.00 0.00	26.17 0.00 0.00	27.84 0.00 0.00	25.39 0.00 0.00	26.39 0.00 0.00	29.21 0.00 0.00	29.63 0.00 0.00	33.08 0.00 0.00	43.88 0.00 0.00	47.01 0.00 0.00	46.40 0.00 0.00	52.44 0.00 0.00	46.77 0.00 0.00	49.17 0.00 0.00	40.82 0.00 0.00	35.08 0.00 0.00	24.56 0.00 0.00	27.29 0.00 0.00	25.91 0.00 0.00
NYPA_BRENTWD____GT 24164	27.40 1.90 -1.60	27.30 1.92 -1.61	22.53 1.64 0.00	22.14 1.63 0.00	21.18 1.46 0.00	26.09 1.72 0.00	27.92 1.75 0.00	29.75 1.91 0.00	27.13 1.74 0.00	28.29 1.91 0.00	37.44 2.89 -5.34	41.18 3.42 -8.14	78.14 3.76 -41.30	58.39 4.70 -9.81	56.89 4.72 -5.16	54.61 4.92 -3.29	58.94 5.17 -1.34	152.26 4.73 -100.76	66.17 4.85 -12.14	48.40 3.89 -3.69	46.32 3.51 -7.73	90.02 2.08 -63.38	39.04 2.25 -9.50	28.90 2.11 -0.88

NYPA_GOWANUS____GT5 24156	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.45 4.32 -0.25	68.08 4.37 -16.70	50.96 4.55 -0.01	57.49 5.05 -0.01	51.18 4.41 0.00	53.71 4.53 0.00	44.63 3.81 0.00	47.25 3.42 -8.75	89.83 2.13 -63.14	47.92 2.36 -18.26	37.23 2.10 -9.22
NYPA_GOWANUS____GT6 24157	25.69 1.79 0.00	25.43 1.65 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.91 1.55 0.00	27.86 1.69 0.00	29.71 1.86 0.00	27.22 1.83 0.00	28.44 2.06 0.00	32.44 2.73 -0.50	157.58 3.30 -124.65	321.14 3.66 -284.40	48.45 4.32 -0.25	68.08 4.37 -16.70	50.96 4.55 -0.01	57.49 5.05 -0.01	51.18 4.41 0.00	53.71 4.53 0.00	44.63 3.81 0.00	47.25 3.42 -8.75	89.83 2.13 -63.14	47.92 2.36 -18.26	37.23 2.10 -9.22
NYPA_HARLEM__RVR__GT1 24160	25.59 1.69 0.00	25.35 1.58 0.00	22.29 1.40 0.00	21.85 1.33 0.00	20.95 1.24 0.00	25.83 1.46 0.00	27.76 1.59 0.00	29.62 1.77 0.00	27.12 1.73 0.00	28.29 1.91 0.00	31.87 2.47 -0.18	39.27 3.02 -6.62	65.77 3.36 -29.33	48.10 3.98 -0.24	51.02 4.01 0.00	50.65 4.24 0.00	57.14 4.71 0.00	50.88 4.11 0.00	53.39 4.21 0.00	44.36 3.54 0.00	45.89 3.11 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.75 1.97 -0.88
NYPA_HARLEM__RVR__GT2 24161	25.59 1.69 0.00	25.35 1.58 0.00	22.29 1.40 0.00	21.85 1.33 0.00	20.95 1.24 0.00	25.83 1.46 0.00	27.76 1.59 0.00	29.62 1.77 0.00	27.12 1.73 0.00	28.29 1.91 0.00	31.87 2.47 -0.18	39.27 3.02 -6.62	65.77 3.36 -29.33	48.10 3.98 -0.24	51.02 4.01 0.00	50.65 4.24 0.00	57.14 4.71 0.00	50.88 4.11 0.00	53.39 4.21 0.00	44.36 3.54 0.00	45.89 3.11 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.75 1.97 -0.88
NYPA_KENT____GT 24152	25.66 1.75 0.00	25.40 1.62 0.00	22.33 1.45 0.00	21.89 1.38 0.00	20.99 1.28 0.00	25.89 1.53 0.00	27.83 1.66 0.00	29.68 1.84 0.00	27.19 1.80 0.00	28.41 2.02 0.00	32.41 2.67 -0.53	109.47 3.24 -76.61	215.75 3.57 -179.09	48.34 4.22 -0.24	61.06 4.25 -9.80	50.84 4.43 0.00	57.34 4.90 0.00	51.06 4.28 0.00	53.59 4.41 0.00	44.52 3.70 0.00	46.72 3.33 -8.31	89.78 2.08 -63.14	44.27 2.32 -14.66	33.77 2.06 -5.81
NYPA_POUCH1____GT 24155	25.60 1.70 0.00	25.36 1.58 0.00	22.29 1.39 0.00	21.84 1.33 0.00	20.94 1.23 0.00	25.83 1.47 0.00	27.78 1.61 0.00	29.60 1.75 0.00	27.13 1.74 0.00	28.35 1.96 0.00	32.34 2.62 -0.50	157.48 3.20 -124.65	321.03 3.55 -284.40	48.33 4.20 -0.25	67.96 4.25 -16.70	50.88 4.47 -0.01	57.38 4.94 -0.01	51.08 4.31 0.00	53.62 4.45 0.00	44.58 3.75 0.00	47.17 3.34 -8.75	89.77 2.07 -63.14	47.85 2.29 -18.26	37.16 2.02 -9.22
NYPA_VERNON____GT2 24162	25.62 1.72 0.00	25.37 1.59 0.00	22.31 1.42 0.00	21.88 1.37 0.00	20.98 1.27 0.00	25.87 1.50 0.00	27.81 1.63 0.00	29.66 1.82 0.00	27.18 1.79 0.00	28.38 1.99 0.00	32.38 2.61 -0.55	61.36 3.16 -28.57	110.36 3.50 -73.78	48.27 4.14 -0.24	54.08 4.16 -2.91	50.75 4.34 0.00	57.24 4.80 0.00	50.97 4.20 0.00	53.52 4.34 0.00	44.45 3.63 0.00	46.23 3.27 -7.88	89.75 2.05 -63.14	40.62 2.27 -11.05	30.31 2.02 -2.39
NYPA_VERNON____GT3 24163	25.62 1.72 0.00	25.37 1.59 0.00	22.31 1.42 0.00	21.88 1.37 0.00	20.98 1.27 0.00	25.87 1.50 0.00	27.81 1.63 0.00	29.66 1.82 0.00	27.18 1.79 0.00	28.38 1.99 0.00	32.38 2.61 -0.55	61.36 3.16 -28.57	110.36 3.50 -73.78	48.27 4.14 -0.24	54.08 4.16 -2.91	50.75 4.34 0.00	57.24 4.80 0.00	50.97 4.20 0.00	53.52 4.34 0.00	44.45 3.63 0.00	46.23 3.27 -7.88	89.75 2.05 -63.14	40.62 2.27 -11.05	30.31 2.02 -2.39
NYPA____ASTORIA_CC1 323568	25.58 1.68 0.00	25.32 1.55 0.00	22.29 1.39 0.00	21.85 1.34 0.00	20.96 1.24 0.00	25.83 1.47 0.00	27.75 1.58 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.08 -8.01	65.81 3.40 -29.33	48.14 4.02 -0.24	51.04 4.03 0.00	50.61 4.20 0.00	57.10 4.66 0.00	50.84 4.07 0.00	53.37 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.69 1.99 -63.14	38.97 2.21 -9.46	28.74 1.96 -0.88
NYPA____ASTORIA_CC2 323569	25.58 1.68 0.00	25.32 1.55 0.00	22.29 1.39 0.00	21.85 1.34 0.00	20.96 1.24 0.00	25.83 1.47 0.00	27.75 1.58 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.26 2.54 -0.50	40.72 3.08 -8.01	65.81 3.40 -29.33	48.14 4.02 -0.24	51.04 4.03 0.00	50.61 4.20 0.00	57.10 4.66 0.00	50.84 4.07 0.00	53.37 4.20 0.00	44.35 3.53 0.00	45.97 3.20 -7.69	89.69 1.99 -63.14	38.97 2.21 -9.46	28.74 1.96 -0.88
NYPA____HOLTSVILL 23794	27.22 1.72 -1.60	27.12 1.73 -1.61	22.38 1.48 0.00	21.98 1.47 0.00	21.02 1.31 0.00	25.89 1.53 0.00	27.71 1.54 0.00	29.53 1.68 0.00	26.90 1.51 0.00	28.09 1.70 0.00	37.19 2.64 -5.34	40.97 3.20 -8.14	77.70 3.49 -41.13	58.04 4.34 -9.81	56.62 4.45 -5.16	54.37 4.67 -3.29	59.22 5.19 -1.59	153.77 4.74 -102.26	75.78 4.86 -21.75	64.18 3.89 -19.47	46.26 3.45 -7.74	89.98 2.04 -63.38	38.92 2.13 -9.50	28.72 1.93 -0.88
NYPA____HELLGATE_GT1 24158	25.59 1.69 0.00	25.35 1.58 0.00	22.29 1.40 0.00	21.85 1.33 0.00	20.95 1.24 0.00	25.83 1.46 0.00	27.76 1.59 0.00	29.62 1.77 0.00	27.12 1.73 0.00	28.29 1.91 0.00	31.87 2.47 -0.18	39.27 3.02 -6.62	65.77 3.36 -29.33	48.10 3.98 -0.24	51.02 4.01 0.00	50.65 4.24 0.00	57.14 4.71 0.00	50.88 4.11 0.00	53.39 4.21 0.00	44.36 3.54 0.00	45.89 3.11 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.75 1.97 -0.88
NYPA____HELLGATE_GT2 24159	25.59 1.69 0.00	25.35 1.58 0.00	22.29 1.40 0.00	21.85 1.33 0.00	20.95 1.24 0.00	25.83 1.46 0.00	27.76 1.59 0.00	29.62 1.77 0.00	27.12 1.73 0.00	28.29 1.91 0.00	31.87 2.47 -0.18	39.27 3.02 -6.62	65.77 3.36 -29.33	48.10 3.98 -0.24	51.02 4.01 0.00	50.65 4.24 0.00	57.14 4.71 0.00	50.88 4.11 0.00	53.39 4.21 0.00	44.36 3.54 0.00	45.89 3.11 -7.69	89.66 1.96 -63.14	38.95 2.19 -9.46	28.75 1.97 -0.88
NYS_BARGE____HYD 23848	23.03 -0.87 0.00	22.83 -0.95 0.00	19.97 -0.92 0.00	19.70 -0.81 0.00	19.12 -0.60 0.00	23.72 -0.64 0.00	25.36 -0.82 0.00	26.89 -0.96 0.00	24.43 -0.96 0.00	25.80 -0.58 0.00	29.00 -0.21 0.00	29.64 0.01 0.00	33.04 -0.04 0.00	42.82 -1.06 0.00	46.20 -0.81 0.00	45.34 -1.07 0.00	50.66 -1.78 0.00	44.25 -2.51 0.00	46.09 -3.08 0.00	38.12 -2.70 0.00	32.56 -2.52 0.00	23.27 -1.29 0.00	26.40 -0.90 0.00	20.92 -0.82 4.17
OAK ORCHARD____HYD 24046	23.62 -0.28 0.00	23.45 -0.33 0.00	20.53 -0.37 0.00	20.21 -0.30 0.00	19.54 -0.18 0.00	24.23 -0.14 0.00	25.97 -0.21 0.00	27.61 -0.24 0.00	25.16 -0.23 0.00	26.45 0.07 0.00	29.64 0.43 0.00	30.24 0.62 0.00	33.68 0.60 0.00	44.03 0.14 0.00	47.41 0.40 0.00	46.70 0.29 0.00	52.38 -0.05 0.00	46.07 -0.70 0.00	48.09 -1.08 0.00	39.81 -1.02 0.00	34.02 -1.06 0.00	24.09 -0.47 0.00	27.01 -0.29 0.00	23.25 -0.36 2.30

OAKDALE___35_KV_LOAD 356122	23.85 -0.05 0.00	23.68 -0.10 0.00	20.75 -0.14 0.00	20.43 -0.08 0.00	19.66 -0.05 0.00	24.42 0.05 0.00	26.25 0.08 0.00	27.95 0.10 0.00	25.54 0.15 0.00	26.66 0.27 0.00	29.83 0.62 0.00	30.40 0.78 0.00	33.88 0.80 0.00	44.78 0.89 0.00	48.10 0.83 -0.26	48.64 0.88 -1.35	55.10 1.00 -1.66	47.79 0.44 -0.58	50.63 0.47 -0.99	41.41 0.34 -0.25	35.15 0.08 0.00	24.75 0.18 0.00	27.49 0.20 0.00	26.00 0.09 0.00
OCC_CHEM___DRP 24175	22.58 -1.32 0.00	22.43 -1.35 0.00	19.66 -1.24 0.00	19.39 -1.12 0.00	18.80 -0.92 0.00	23.31 -1.06 0.00	24.85 -1.32 0.00	26.31 -1.54 0.00	23.88 -1.51 0.00	25.24 -1.14 0.00	28.27 -0.95 0.00	28.74 -0.89 0.00	32.02 -1.06 0.00	41.43 -2.44 0.01	44.68 -2.33 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.54 -4.64 0.00	36.93 -3.88 0.00	31.57 -3.51 0.00	22.58 -1.97 0.00	25.71 -1.58 0.00	24.53 -1.38 0.00
OH_GEN_PROXY 24063	22.38 -1.18 0.35	22.56 -1.22 0.00	19.74 -1.15 0.00	19.49 -1.02 0.00	18.90 -0.82 0.00	23.44 -0.92 0.00	25.03 -1.14 0.00	26.52 -1.32 0.00	24.10 -1.28 0.00	25.45 -0.94 0.00	28.57 -0.64 0.00	29.16 -0.47 0.00	32.47 -0.61 0.00	42.13 -1.75 0.00	45.41 -1.60 0.00	44.52 -1.88 0.00	49.83 -2.61 0.00	43.58 -3.19 0.00	45.46 -3.72 0.00	37.66 -3.16 0.00	32.17 -2.91 0.00	22.96 -1.60 0.00	25.30 -1.31 0.69	20.62 -1.23 4.06
OLIN_CORP_DRP 24177	22.56 -1.35 0.00	22.40 -1.38 0.00	19.62 -1.27 0.00	19.35 -1.16 0.00	18.77 -0.95 0.00	23.28 -1.09 0.00	24.83 -1.34 0.00	26.31 -1.53 0.00	23.88 -1.51 0.00	25.24 -1.15 0.00	28.33 -0.88 0.00	28.91 -0.72 0.00	32.22 -0.86 0.00	41.77 -2.11 0.00	45.05 -1.96 0.00	44.17 -2.24 0.00	49.39 -3.05 0.00	43.17 -3.60 0.00	44.97 -4.21 0.00	37.26 -3.56 0.00	31.81 -3.26 0.00	22.74 -1.82 0.00	25.87 -1.42 0.00	24.64 -1.26 0.00
OLIN_CORP_DSASP 323712	22.60 -1.31 0.00	22.43 -1.35 0.00	19.65 -1.25 0.00	19.38 -1.13 0.00	18.80 -0.91 0.00	23.31 -1.06 0.00	24.87 -1.31 0.00	26.31 -1.53 0.00	23.88 -1.51 0.00	25.24 -1.15 0.00	28.27 -0.94 0.00	28.79 -0.84 0.00	32.07 -1.01 0.00	41.42 -2.44 0.01	44.67 -2.34 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.55 -4.63 0.00	36.93 -3.89 0.00	31.58 -3.50 0.00	22.61 -1.95 0.00	25.72 -1.57 0.00	19.78 -1.39 4.74
ONEIDA_HERK_LFGE 323681	21.19 -0.07 2.65	21.91 -0.06 1.80	19.12 -0.07 1.71	20.52 0.00 0.00	19.73 0.02 0.00	24.40 0.04 0.00	26.32 0.15 0.00	28.08 0.24 0.00	17.26 0.30 8.43	26.69 0.30 0.00	29.49 0.28 0.00	29.90 0.28 0.00	33.37 0.30 0.00	43.70 0.34 0.52	47.76 0.60 -0.16	47.66 0.45 -0.80	54.29 0.87 -0.98	48.25 1.13 -0.35	50.92 1.16 -0.58	41.58 0.61 -0.15	51.89 0.38 -16.43	25.27 0.71 0.00	28.00 0.71 0.00	26.31 0.40 0.00
ONEIDA___115KV_TB4 55905	24.37 0.47 0.00	24.22 0.44 0.00	21.26 0.37 0.00	20.90 0.39 0.00	20.10 0.39 0.00	24.91 0.54 0.00	26.83 0.65 0.00	28.60 0.76 0.00	22.58 0.75 3.56	27.17 0.78 0.00	30.11 0.90 0.00	30.64 1.01 0.00	34.30 1.23 0.00	45.33 1.45 0.00	48.71 1.48 -0.21	48.91 1.41 -1.10	55.76 1.98 -1.35	49.09 1.85 -0.47	51.93 1.95 -0.80	42.49 1.46 -0.20	41.77 1.14 -5.55	25.49 0.92 0.00	28.24 0.94 0.00	26.64 0.73 0.00
ONONDAGA_REF_OCCRA 23987	23.77 -0.14 0.00	23.62 -0.15 0.00	20.71 -0.18 0.00	20.36 -0.15 0.00	19.60 -0.12 0.00	24.27 -0.10 0.00	26.09 -0.09 0.00	27.78 -0.07 0.00	23.78 0.00 1.60	26.49 0.10 0.00	29.49 0.28 0.00	30.06 0.43 0.00	33.50 0.42 0.00	44.18 0.30 0.00	47.80 0.31 -0.48	49.27 0.38 -2.49	55.86 0.38 -3.05	47.92 0.08 -1.07	50.98 0.00 -1.81	41.22 -0.06 -0.46	34.92 -0.16 0.00	24.54 -0.03 -0.01	27.27 -0.02 0.00	25.79 -0.12 0.00
ONONDAGA___COGEN 23986	23.79 -0.11 0.00	23.65 -0.13 0.00	20.74 -0.16 0.00	20.38 -0.13 0.00	19.63 -0.09 0.00	24.30 -0.07 0.00	26.13 -0.04 0.00	27.81 -0.04 0.00	23.85 0.00 1.54	26.48 0.09 0.00	29.48 0.26 0.00	30.05 0.42 0.00	33.48 0.40 0.00	44.13 0.25 0.00	48.02 0.29 -0.72	50.45 0.38 -3.67	57.31 0.37 -4.50	48.43 0.08 -1.58	51.87 0.02 -2.68	41.48 -0.02 -0.68	34.93 -0.15 0.00	24.55 -0.03 -0.01	27.28 -0.02 0.00	25.79 -0.12 0.00
ONTARIO___LFGE 23819	23.87 -0.04 0.00	23.64 -0.14 0.00	20.67 -0.22 0.00	20.34 -0.17 0.00	19.65 -0.07 0.00	24.46 0.09 0.00	26.34 0.16 0.00	28.15 0.31 0.00	25.65 0.26 0.00	26.83 0.44 0.00	29.99 0.78 0.00	30.69 1.07 0.00	34.04 0.96 0.00	44.57 0.69 0.00	48.11 0.85 -0.24	48.76 1.11 -1.25	55.14 1.17 -1.53	47.72 0.41 -0.54	50.33 0.25 -0.91	41.16 0.11 -0.23	34.93 -0.15 0.00	24.74 0.18 0.00	27.51 0.22 0.00	25.97 0.06 0.00
ORANGEVILLE_WT_PWR 323706	23.01 -0.90 0.00	22.74 -1.04 0.00	19.81 -1.08 0.00	19.51 -0.99 0.00	18.94 -0.77 0.00	23.70 -0.67 0.00	25.51 -0.66 0.00	27.24 -0.60 0.00	24.85 -0.54 0.00	26.20 -0.19 0.00	29.53 0.32 0.00	30.11 0.48 0.00	33.49 0.41 0.00	43.87 -0.02 0.00	47.12 0.11 0.00	46.40 -0.01 0.00	51.89 -0.55 0.00	45.29 -1.48 0.00	47.41 -1.76 0.00	39.18 -1.64 0.00	33.36 -1.71 0.00	23.75 -0.81 0.00	26.75 -0.55 0.00	23.94 -0.54 1.43
ORANGEVILLE___ESR 323794	23.01 -0.90 0.00	22.74 -1.04 0.00	19.81 -1.08 0.00	19.51 -0.99 0.00	18.94 -0.77 0.00	23.70 -0.67 0.00	25.51 -0.66 0.00	27.24 -0.60 0.00	24.85 -0.54 0.00	26.20 -0.19 0.00	29.53 0.32 0.00	30.11 0.48 0.00	33.49 0.41 0.00	43.87 -0.02 0.00	47.12 0.11 0.00	46.40 -0.01 0.00	51.89 -0.55 0.00	45.29 -1.48 0.00	47.41 -1.76 0.00	39.18 -1.64 0.00	33.36 -1.71 0.00	23.75 -0.81 0.00	26.75 -0.55 0.00	23.94 -0.54 1.43
OSWEGATCHIE___HYD 24044	-0.23 -0.99 23.14	7.20 -0.84 15.74	5.24 -0.72 14.93	19.89 -0.62 0.00	19.05 -0.66 0.00	23.60 -0.76 0.00	25.46 -0.71 0.00	27.00 -0.85 0.00	-17.37 -0.68 42.07	25.65 -0.74 0.00	28.15 -1.06 0.00	28.26 -1.36 0.00	31.36 -1.72 0.00	37.25 -2.08 4.55	45.61 -1.64 -0.24	45.74 -1.90 -1.24	52.21 -1.76 -1.52	46.27 -1.03 -0.53	48.88 -1.20 -0.91	39.65 -1.40 -0.23	8.97 -1.30 24.81	24.32 -0.24 0.00	26.97 -0.33 0.00	25.41 -0.49 0.00
OSWEGO___5 23606	23.36 -0.54 0.00	23.24 -0.54 0.00	20.40 -0.49 0.00	20.04 -0.47 0.00	19.29 -0.43 0.00	23.86 -0.50 0.00	25.62 -0.55 0.00	27.25 -0.59 0.00	24.88 -0.51 0.00	25.92 -0.47 0.00	28.79 -0.42 0.00	29.31 -0.32 0.00	32.66 -0.42 0.00	43.07 -0.81 0.00	49.19 -0.86 -3.04	61.19 -0.82 -15.61	70.63 -0.94 -19.13	52.48 -1.00 -6.71	59.46 -1.09 -11.37	42.78 -0.95 -2.91	34.19 -0.89 0.00	24.09 -0.51 -0.04	26.74 -0.56 0.00	25.32 -0.59 0.00
OSWEGO___6 23613	23.36 -0.54 0.00	23.24 -0.54 0.00	20.40 -0.49 0.00	20.04 -0.47 0.00	19.29 -0.43 0.00	23.86 -0.50 0.00	25.62 -0.55 0.00	27.25 -0.59 0.00	24.88 -0.51 0.00	25.92 -0.47 0.00	28.79 -0.42 0.00	29.31 -0.32 0.00	32.66 -0.42 0.00	43.07 -0.81 0.00	49.19 -0.86 -3.04	61.19 -0.82 -15.61	70.63 -0.94 -19.13	52.48 -1.00 -6.71	59.46 -1.09 -11.37	42.78 -0.95 -2.91	34.19 -0.89 0.00	24.09 -0.51 -0.04	26.74 -0.56 0.00	25.32 -0.59 0.00

OUTOKUMPU-AB___DRP 24206	23.17 -0.74 0.00	22.99 -0.79 0.00	20.10 -0.79 0.00	19.82 -0.69 0.00	19.22 -0.49 0.00	23.87 -0.49 0.00	25.52 -0.66 0.00	27.09 -0.76 0.00	24.65 -0.74 0.00	26.06 -0.33 0.00	29.28 0.07 0.00	29.84 0.21 0.00	33.27 0.19 0.00	43.16 -0.73 -0.01	46.50 -0.51 0.00	45.58 -0.83 -0.02	50.87 -1.57 0.00	44.43 -2.34 0.00	46.25 -2.92 0.00	38.27 -2.55 0.00	32.70 -2.37 0.00	23.37 -1.20 0.00	26.49 -0.80 0.00	25.20 -0.70 0.00
OXBOW___BTM 323836	22.93 -0.98 0.00	22.74 -1.04 0.00	19.90 -1.00 0.00	19.63 -0.88 0.00	19.04 -0.68 0.00	23.62 -0.75 0.00	25.23 -0.94 0.00	26.74 -1.11 0.00	24.31 -1.08 0.00	25.71 -0.68 0.00	28.84 -0.37 0.00	29.41 -0.22 0.00	32.76 -0.32 0.00	42.22 -1.67 -0.01	45.49 -1.52 0.00	44.59 -1.82 -0.02	49.76 -2.68 0.00	43.49 -3.28 0.00	45.28 -3.89 0.00	37.50 -3.33 0.00	32.16 -2.92 0.00	23.03 -1.53 0.00	26.15 -1.14 0.00	20.15 -1.01 4.75
OXBOW___ 24026	22.90 -1.00 0.00	22.74 -1.04 0.00	19.90 -0.99 0.00	19.63 -0.89 0.00	19.04 -0.68 0.00	23.62 -0.75 0.00	25.21 -0.96 0.00	26.74 -1.10 0.00	24.31 -1.08 0.00	25.71 -0.68 0.00	28.84 -0.38 0.00	29.36 -0.27 0.00	32.71 -0.37 0.00	42.23 -1.67 -0.01	45.50 -1.52 0.00	44.59 -1.82 -0.02	49.77 -2.67 0.00	43.49 -3.28 0.00	45.27 -3.90 0.00	37.51 -3.32 0.00	32.15 -2.93 0.00	23.01 -1.56 0.00	26.14 -1.15 0.00	24.89 -1.02 0.00
OXY_CHEM_DSASP 323612	22.58 -1.32 0.00	22.43 -1.35 0.00	19.66 -1.24 0.00	19.39 -1.12 0.00	18.80 -0.92 0.00	23.31 -1.06 0.00	24.85 -1.32 0.00	26.31 -1.54 0.00	23.88 -1.51 0.00	25.24 -1.14 0.00	28.27 -0.95 0.00	28.74 -0.89 0.00	32.02 -1.06 0.00	41.43 -2.44 0.01	44.68 -2.33 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.54 -4.64 0.00	36.93 -3.88 0.00	31.57 -3.51 0.00	22.58 -1.97 0.00	25.71 -1.58 0.00	24.53 -1.38 0.00
OZONE_PARK_ESR 323760	25.88 1.98 0.00	25.61 1.83 0.00	22.49 1.60 0.00	22.06 1.55 0.00	21.15 1.43 0.00	26.10 1.74 0.00	28.06 1.88 0.00	29.91 2.07 0.00	27.40 2.01 0.00	28.64 2.25 0.00	32.30 2.91 -0.18	39.72 3.49 -6.60	66.29 3.95 -29.27	48.89 4.76 -0.24	51.91 4.90 0.00	51.50 5.10 0.00	58.10 5.66 0.00	51.73 4.95 0.00	54.30 5.13 0.00	45.01 4.19 0.00	46.50 3.73 -7.70	90.06 2.35 -63.15	39.35 2.59 -9.46	29.10 2.31 -0.88
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.58 -1.32 0.00	22.43 -1.35 0.00	19.66 -1.24 0.00	19.39 -1.12 0.00	18.80 -0.92 0.00	23.31 -1.06 0.00	24.85 -1.32 0.00	26.31 -1.54 0.00	23.88 -1.51 0.00	25.24 -1.14 0.00	28.27 -0.95 0.00	28.74 -0.89 0.00	32.02 -1.06 0.00	41.43 -2.44 0.01	44.68 -2.33 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.54 -4.64 0.00	36.93 -3.88 0.00	31.57 -3.51 0.00	22.58 -1.97 0.00	25.71 -1.58 0.00	24.53 -1.38 0.00
PACKARD__115KV_DUPONT_184 80571	22.58 -1.32 0.00	22.43 -1.35 0.00	19.66 -1.24 0.00	19.39 -1.12 0.00	18.80 -0.92 0.00	23.31 -1.06 0.00	24.85 -1.32 0.00	26.31 -1.54 0.00	23.88 -1.51 0.00	25.24 -1.14 0.00	28.27 -0.95 0.00	28.74 -0.89 0.00	32.02 -1.06 0.00	41.43 -2.44 0.01	44.68 -2.33 0.00	43.75 -2.64 0.02	48.92 -3.52 0.00	42.77 -4.00 0.00	44.54 -4.64 0.00	36.93 -3.88 0.00	31.57 -3.51 0.00	22.58 -1.97 0.00	25.71 -1.58 0.00	24.53 -1.38 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.53 1.63 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.80 1.29 0.00	20.91 1.20 0.00	25.78 1.42 0.00	27.74 1.57 0.00	29.57 1.72 0.00	27.06 1.67 0.00	28.21 1.83 0.00	31.80 2.40 -0.19	39.19 2.94 -6.62	65.68 3.27 -29.33	48.02 3.89 -0.24	50.98 3.97 0.00	50.62 4.22 0.00	57.11 4.67 0.00	50.87 4.10 0.00	53.41 4.23 0.00	44.39 3.57 0.00	45.93 3.15 -7.69	89.68 1.98 -63.14	38.92 2.16 -9.46	28.71 1.93 -0.88
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.66 1.76 0.00	25.45 1.67 0.00	22.36 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.91 1.74 0.00	29.73 1.88 0.00	27.22 1.83 0.00	28.37 1.98 0.00	31.95 2.55 -0.19	39.33 3.08 -6.62	65.92 3.51 -29.33	48.30 4.18 -0.24	51.43 4.41 0.00	51.20 4.79 0.00	57.74 5.30 0.00	51.44 4.67 0.00	54.03 4.86 0.00	44.92 4.10 0.00	46.36 3.58 -7.69	89.98 2.28 -63.14	39.21 2.45 -9.46	28.96 2.18 -0.88
PATROON__115KV_TB1 80586	24.66 0.75 0.00	24.56 0.78 0.00	21.63 0.74 0.00	21.22 0.71 0.00	20.35 0.63 0.00	25.06 0.70 0.00	26.85 0.68 0.00	28.50 0.65 0.00	25.91 0.52 0.00	26.91 0.52 0.00	29.77 0.72 0.17	31.53 1.07 -0.84	38.02 1.18 -3.76	45.02 1.35 0.22	48.34 1.33 0.00	47.77 1.37 0.00	53.96 1.52 0.00	48.44 1.66 0.00	51.14 1.96 0.00	42.41 1.59 0.00	38.09 1.41 -1.61	37.95 0.84 -12.55	30.08 0.94 -1.85	26.89 0.79 -0.19
PATTRSNVILLE___SOLAR 323815	24.84 0.93 0.00	24.66 0.89 0.00	21.68 0.79 0.00	21.29 0.78 0.00	20.45 0.73 0.00	25.25 0.89 0.00	27.09 0.92 0.00	28.75 0.91 0.00	26.19 0.80 0.00	27.26 0.87 0.00	30.10 1.02 0.13	31.47 1.13 -0.72	37.55 1.19 -3.27	45.14 1.44 0.18	48.50 1.49 0.00	47.82 1.42 0.00	54.13 1.69 0.00	48.71 1.94 0.00	51.44 2.26 0.00	42.80 1.98 0.00	38.18 1.72 -1.38	36.42 1.12 -10.73	30.08 1.21 -1.58	27.09 1.02 -0.16
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.30 -0.60 0.00	23.08 -0.69 0.00	20.18 -0.71 0.00	19.91 -0.60 0.00	19.29 -0.43 0.00	24.01 -0.36 0.00	25.73 -0.45 0.00	27.36 -0.48 0.00	24.96 -0.43 0.00	26.35 -0.04 0.00	29.67 0.46 0.00	30.22 0.59 0.00	33.65 0.57 0.00	44.00 0.11 0.00	47.29 0.28 0.00	46.41 0.01 0.00	51.90 -0.54 0.00	45.30 -1.47 0.00	47.27 -1.90 0.00	39.08 -1.74 0.00	33.28 -1.80 0.00	23.76 -0.80 0.00	26.76 -0.54 0.00	25.38 -0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.56 1.65 0.00	25.31 1.53 0.00	22.23 1.33 0.00	21.80 1.29 0.00	20.92 1.20 0.00	25.82 1.46 0.00	27.72 1.55 0.00	29.55 1.70 0.00	27.03 1.64 0.00	28.21 1.83 0.00	31.77 2.40 -0.16	34.61 2.96 -2.03	45.64 3.37 -9.19	48.30 4.20 -0.21	51.41 4.40 0.00	51.03 4.63 0.00	57.64 5.20 0.00	51.39 4.62 0.00	54.07 4.90 0.00	44.80 3.98 0.00	43.05 3.44 -4.53	64.88 2.16 -38.16	35.21 2.22 -5.69	28.36 1.91 -0.54
PEEKSKILL___ 23653	25.32 1.42 0.00	25.07 1.29 0.00	22.03 1.13 0.00	21.61 1.10 0.00	20.73 1.01 0.00	25.58 1.22 0.00	27.47 1.30 0.00	29.26 1.42 0.00	26.76 1.37 0.00	27.91 1.52 0.00	31.43 2.04 -0.18	39.14 2.54 -6.97	67.52 2.87 -31.57	47.58 3.46 -0.24	50.56 3.55 0.00	50.16 3.76 0.00	56.59 4.15 0.00	50.45 3.68 0.00	53.02 3.85 0.00	43.98 3.16 0.00	46.17 2.79 -8.29	131.65 1.72 -105.37	46.01 1.86 -16.86	28.47 1.63 -0.94
PGE MADISON___WINDPWR 24146	24.73 0.82 0.00	24.69 0.91 0.00	21.77 0.88 0.00	21.42 0.91 0.00	20.59 0.87 0.00	25.73 1.37 0.00	27.86 1.69 0.00	29.85 2.01 0.00	27.45 2.06 0.00	28.36 1.98 0.00	31.40 2.18 0.00	32.10 2.47 0.00	35.74 2.66 0.00	46.92 3.04 0.00	50.54 3.25 -0.28	51.60 3.74 -1.46	59.40 5.18 -1.78	51.97 4.57 -0.63	55.26 5.03 -1.06	45.00 3.91 -0.27	37.78 2.70 0.00	26.73 2.17 0.00	29.67 2.38 0.00	29.10 2.01 -1.18

PIERCEFIELD___HYD 23852	-11.79 -0.78 34.91	-0.64 -0.67 23.75	-2.20 -0.56 22.53	20.00 -0.51 0.00	19.16 -0.55 0.00	23.69 -0.68 0.00	25.46 -0.71 0.00	26.96 -0.88 0.00	-37.52 -0.93 61.98	25.42 -0.97 0.00	27.88 -1.34 0.00	27.74 -1.89 0.00	30.73 -2.35 0.00	34.35 -2.67 6.86	44.66 -2.48 -0.12	44.34 -2.70 -0.64	50.46 -2.75 -0.78	44.93 -2.12 -0.27	47.26 -2.38 -0.46	38.91 -2.03 -0.12	20.47 -1.70 12.91	23.62 -0.94 0.00	26.29 -1.00 0.00	25.11 -0.80 0.00
PINELAWN_CC_1 323563	27.33 1.84 -1.60	27.22 1.84 -1.61	22.46 1.57 0.00	22.05 1.55 0.00	21.11 1.39 0.00	26.00 1.63 0.00	27.85 1.68 0.00	29.68 1.84 0.00	27.09 1.70 0.00	28.29 1.91 0.00	37.38 2.83 -5.34	41.10 3.34 -8.14	78.90 3.71 -42.12	58.26 4.57 -9.81	56.88 4.71 -5.16	54.62 4.93 -3.28	59.60 5.48 -1.69	154.61 4.99 -102.85	64.92 5.14 -10.60	46.08 4.10 -1.16	46.41 3.60 -7.73	90.13 2.19 -63.38	39.12 2.33 -9.50	28.89 2.10 -0.88
PJM_GEN_HTTP_PROXY 323702	25.37 1.62 0.15	25.27 1.49 0.00	22.20 1.31 0.00	21.78 1.27 0.00	20.88 1.17 0.00	25.77 1.40 0.00	27.67 1.50 0.00	29.49 1.65 0.00	27.01 1.62 0.00	28.22 1.84 0.00	31.81 2.42 -0.18	39.16 2.99 -6.54	66.01 3.39 -29.55	49.55 4.06 -1.61	51.14 4.13 0.00	50.71 4.30 0.00	57.20 4.76 0.00	50.92 4.15 0.00	53.49 4.32 0.00	44.32 3.50 0.00	45.90 3.12 -7.70	90.02 1.94 -63.52	38.89 2.13 -9.47	28.67 1.88 -0.88
PJM_GEN_KEystone 24065	22.71 0.22 1.42	23.57 0.12 0.33	20.94 0.05 0.00	20.62 0.11 0.00	19.84 0.12 0.00	24.61 0.24 0.00	26.43 0.25 0.00	28.11 0.26 0.00	25.67 0.28 0.00	26.86 0.48 0.00	30.27 0.96 -0.10	21.64 1.24 9.23	-7.31 1.37 41.76	46.84 1.46 -1.50	48.46 1.45 0.00	47.89 1.49 0.00	53.89 1.45 0.00	47.61 0.84 0.00	49.98 0.80 0.00	50.35 0.60 -8.93	11.19 0.38 24.27	-6.26 0.35 31.17	18.13 0.47 9.63	19.74 0.35 6.52
PJM_GEN_NEPTUNE_PROXY 323594	26.59 1.61 -1.07	26.59 1.58 -1.24	22.26 1.36 0.00	21.87 1.35 0.00	20.93 1.22 0.00	25.79 1.42 0.00	27.63 1.43 0.00	29.44 1.59 0.00	26.89 1.50 0.00	28.05 1.67 0.00	35.71 2.46 -4.04	39.75 2.99 -7.14	71.04 3.32 -34.64	54.65 4.03 -6.75	54.80 4.11 -3.68	53.21 4.29 -2.52	57.75 4.76 -0.55	103.20 4.31 -52.12	58.87 4.38 -5.32	44.33 3.51 0.00	45.92 3.11 -7.73	90.19 1.88 -63.74	38.80 2.00 -9.50	28.60 1.81 -0.88
PJM_GEN_VFT_PROXY 323633	25.32 1.58 0.15	25.21 1.43 0.00	22.15 1.26 0.00	21.73 1.22 0.00	20.83 1.12 0.00	25.71 1.35 0.00	27.61 1.43 0.00	29.40 1.56 0.00	26.94 1.55 0.00	28.12 1.73 0.00	31.70 2.31 -0.18	38.01 2.85 -5.53	55.02 3.23 -18.71	49.33 3.84 -1.61	50.92 3.90 0.00	50.50 4.10 0.00	56.92 4.48 0.00	50.67 3.90 0.00	53.20 4.03 0.00	44.09 3.28 0.01	45.72 2.94 -7.70	60.59 1.85 -34.19	38.80 2.04 -9.46	28.60 1.81 -0.88
PLATSBURG_115KV_PMLD1 355749	-20.57 -0.63 43.84	-6.78 -0.73 29.83	-8.13 -0.73 28.29	19.92 -0.59 0.00	19.21 -0.51 0.00	24.04 -0.32 0.00	26.08 -0.09 0.00	28.03 0.19 0.00	25.50 0.12 0.00	26.11 -0.28 0.00	28.70 -0.52 0.00	28.59 -1.04 0.00	31.97 -1.10 0.00	34.30 -0.96 8.62	46.32 -0.70 0.00	45.79 -0.62 0.00	52.04 -0.40 0.00	46.65 -0.12 0.00	48.96 -0.22 0.00	41.01 0.19 0.00	31.23 0.01 3.86	24.55 -0.01 0.00	27.27 -0.02 0.00	25.40 -0.51 0.00
PLEASANTVLY___LBMP 24000	25.14 1.23 0.00	24.92 1.14 0.00	21.92 1.03 0.00	21.51 1.00 0.00	20.63 0.91 0.00	25.45 1.09 0.00	27.29 1.12 0.00	29.04 1.20 0.00	26.52 1.13 0.00	27.63 1.24 0.00	31.09 1.67 -0.21	34.40 2.14 -2.63	47.40 2.40 -11.92	47.02 2.86 -0.28	49.93 2.92 0.00	49.53 3.12 0.00	55.90 3.46 0.00	49.92 3.15 0.00	52.56 3.39 0.00	43.60 2.78 0.00	42.43 2.45 -4.90	67.19 1.50 -41.13	35.04 1.61 -6.14	27.88 1.39 -0.58
PLSNTVLE_13_KV_13.8KVDIST 80602	25.39 1.49 0.00	25.15 1.37 0.00	22.10 1.21 0.00	21.69 1.18 0.00	20.80 1.08 0.00	25.67 1.30 0.00	27.54 1.37 0.00	29.35 1.51 0.00	26.83 1.44 0.00	28.00 1.61 0.00	31.54 2.14 -0.18	36.92 2.68 -4.62	57.03 3.02 -20.93	47.79 3.66 -0.25	50.77 3.76 0.00	50.39 3.98 0.00	56.86 4.42 0.00	50.69 3.93 0.00	53.29 4.11 0.00	44.18 3.36 0.00	44.94 2.97 -6.89	83.42 1.84 -57.02	37.79 1.97 -8.53	28.42 1.71 -0.80
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.39 1.49 0.00	25.15 1.37 0.00	22.10 1.21 0.00	21.69 1.18 0.00	20.80 1.08 0.00	25.67 1.30 0.00	27.54 1.37 0.00	29.35 1.51 0.00	26.83 1.44 0.00	28.00 1.61 0.00	31.54 2.14 -0.18	36.92 2.68 -4.62	57.03 3.02 -20.93	47.79 3.66 -0.25	50.77 3.76 0.00	50.39 3.98 0.00	56.86 4.42 0.00	50.69 3.93 0.00	53.29 4.11 0.00	44.18 3.36 0.00	44.94 2.97 -6.89	83.42 1.84 -57.02	37.79 1.97 -8.53	28.42 1.71 -0.80
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.36 1.46 0.00	25.12 1.34 0.00	22.07 1.18 0.00	21.66 1.15 0.00	20.78 1.07 0.00	25.65 1.29 0.00	27.52 1.34 0.00	29.30 1.46 0.00	26.76 1.37 0.00	27.89 1.51 0.00	31.18 2.00 0.03	33.18 2.49 -1.06	40.72 2.84 -4.80	47.34 3.51 0.04	50.68 3.67 0.00	50.32 3.92 0.00	56.86 4.42 0.00	50.77 4.00 0.00	53.46 4.28 0.00	44.34 3.52 0.00	41.22 3.02 -3.11	53.15 1.88 -26.71	33.23 1.96 -3.98	27.96 1.68 -0.38
POLETTI_____ 23519	25.53 1.63 0.00	25.29 1.51 0.00	22.23 1.34 0.00	21.81 1.30 0.00	20.91 1.20 0.00	25.79 1.43 0.00	27.69 1.51 0.00	29.50 1.66 0.00	27.02 1.63 0.00	28.23 1.85 0.00	31.83 2.43 -0.18	39.22 2.99 -6.60	65.71 3.37 -29.27	48.14 4.01 -0.24	51.07 4.06 0.00	50.66 4.25 0.00	57.14 4.70 0.00	50.88 4.11 0.00	53.45 4.27 0.00	44.31 3.48 0.00	45.89 3.12 -7.70	89.66 1.95 -63.15	38.89 2.13 -9.46	28.69 1.90 -0.88
POMONA___ESR 323819	25.30 1.40 0.00	25.04 1.26 0.00	21.99 1.10 0.00	21.58 1.07 0.00	20.69 0.98 0.00	25.56 1.19 0.00	27.46 1.29 0.00	29.25 1.40 0.00	26.73 1.34 0.00	27.86 1.47 0.00	31.36 1.99 -0.17	23.58 2.49 8.54	-2.77 2.82 38.66	47.54 3.43 -0.22	50.57 3.56 0.00	50.20 3.80 0.00	56.61 4.17 0.00	50.45 3.68 0.00	53.01 3.83 0.00	43.96 3.14 0.00	28.15 2.75 9.68	-52.44 1.69 78.70	17.29 1.83 11.83	26.45 1.62 1.08
PORT_JEFF_3 23555	27.22 1.72 -1.60	27.12 1.73 -1.61	22.37 1.48 0.00	21.98 1.46 0.00	21.02 1.31 0.00	25.87 1.51 0.00	27.69 1.51 0.00	29.50 1.66 0.00	26.87 1.48 0.00	28.05 1.67 0.00	37.20 2.65 -5.34	40.99 3.22 -8.14	77.71 3.49 -41.14	57.94 4.25 -9.81	56.52 4.35 -5.16	54.23 4.54 -3.29	59.10 5.01 -1.64	153.90 4.58 -102.55	76.88 4.73 -22.98	66.13 3.82 -21.49	46.19 3.38 -7.74	89.93 1.99 -63.38	38.87 2.07 -9.50	28.70 1.91 -0.88
PORT_JEFF_4 23616	27.22 1.72 -1.60	27.12 1.73 -1.61	22.37 1.48 0.00	21.98 1.46 0.00	21.02 1.31 0.00	25.87 1.51 0.00	27.69 1.51 0.00	29.50 1.66 0.00	26.87 1.48 0.00	28.05 1.67 0.00	37.20 2.65 -5.34	40.99 3.22 -8.14	77.71 3.49 -41.14	57.94 4.25 -9.81	56.52 4.35 -5.16	54.23 4.54 -3.29	59.10 5.01 -1.64	153.90 4.58 -102.55	76.88 4.73 -22.98	66.13 3.82 -21.49	46.19 3.38 -7.74	89.93 1.99 -63.38	38.87 2.07 -9.50	28.70 1.91 -0.88

PORT_JEFF_IC 23713	27.28 1.78 -1.60	27.17 1.78 -1.61	22.41 1.52 0.00	22.01 1.50 0.00	21.06 1.34 0.00	25.92 1.55 0.00	27.74 1.57 0.00	29.56 1.72 0.00	26.87 1.48 0.00	28.08 1.68 0.00	37.23 2.67 -5.34	41.03 3.26 -8.14	77.81 3.56 -41.17	58.13 4.43 -9.81	56.77 4.60 -5.16	54.38 4.68 -3.29	59.40 5.15 -1.81	155.02 4.68 -103.56	81.38 4.87 -27.33	73.49 4.03 -28.63	46.38 3.56 -7.74	90.05 2.10 -63.38	38.98 2.18 -9.50	28.78 1.99 -0.88
PPL PILGRIM_ST_GT1 24216	27.40 1.90 -1.60	27.30 1.92 -1.61	22.53 1.64 0.00	22.14 1.63 0.00	21.18 1.46 0.00	26.09 1.72 0.00	27.92 1.75 0.00	29.75 1.91 0.00	27.13 1.74 0.00	28.29 1.91 0.00	37.44 2.89 -5.34	41.18 3.42 -8.14	78.14 3.76 -41.30	58.39 4.70 -9.81	56.89 4.72 -5.16	54.61 4.92 -3.29	58.94 5.17 -1.34	152.26 4.73 -100.76	66.17 4.85 -12.14	48.40 3.89 -3.69	46.32 3.51 -7.73	90.02 2.08 -63.38	39.04 2.25 -9.50	28.90 2.11 -0.88
PPL PILGRIM_ST_GT2 24217	27.40 1.90 -1.60	27.30 1.92 -1.61	22.53 1.64 0.00	22.14 1.63 0.00	21.18 1.46 0.00	26.09 1.72 0.00	27.92 1.75 0.00	29.75 1.91 0.00	27.13 1.74 0.00	28.29 1.91 0.00	37.44 2.89 -5.34	41.18 3.42 -8.14	78.14 3.76 -41.30	58.39 4.70 -9.81	56.89 4.72 -5.16	54.61 4.92 -3.29	58.94 5.17 -1.34	152.26 4.73 -100.76	66.17 4.85 -12.14	48.40 3.89 -3.69	46.32 3.51 -7.73	90.02 2.08 -63.38	39.04 2.25 -9.50	28.90 2.11 -0.88
PPL_SHRM_GT3 24213	27.14 1.64 -1.60	27.01 1.62 -1.61	22.26 1.37 0.00	21.86 1.35 0.00	20.91 1.19 0.00	25.74 1.38 0.00	27.58 1.40 0.00	29.40 1.55 0.00	26.82 1.43 0.00	28.01 1.62 0.00	37.14 2.58 -5.34	40.96 3.20 -8.14	77.74 3.50 -41.15	58.06 4.36 -9.81	56.67 4.49 -5.16	54.48 4.79 -3.29	59.50 5.38 -1.68	154.49 4.94 -102.77	78.08 5.10 -23.81	67.71 4.02 -22.86	46.40 3.58 -7.74	90.04 2.10 -63.38	38.94 2.15 -9.50	28.68 1.89 -0.88
PPL_SHRM_GT4 24214	27.14 1.64 -1.60	27.01 1.62 -1.61	22.26 1.37 0.00	21.86 1.35 0.00	20.91 1.19 0.00	25.74 1.38 0.00	27.58 1.40 0.00	29.40 1.55 0.00	26.82 1.43 0.00	28.01 1.62 0.00	37.14 2.58 -5.34	40.96 3.20 -8.14	77.74 3.50 -41.15	58.06 4.36 -9.81	56.67 4.49 -5.16	54.48 4.79 -3.29	59.50 5.38 -1.68	154.49 4.94 -102.77	78.08 5.10 -23.81	67.71 4.02 -22.86	46.40 3.58 -7.74	90.04 2.10 -63.38	38.94 2.15 -9.50	28.68 1.89 -0.88
PROJECT___ORANGE 1 24174	23.67 -0.24 0.00	23.53 -0.25 0.00	20.63 -0.26 0.00	20.28 -0.23 0.00	19.52 -0.19 0.00	24.18 -0.19 0.00	25.98 -0.19 0.00	27.67 -0.18 0.00	23.53 -0.11 1.74	26.37 -0.02 0.00	29.35 0.14 0.00	29.92 0.30 0.00	33.34 0.26 0.00	43.96 0.08 0.00	47.48 0.07 -0.39	48.57 0.14 -2.02	55.02 0.11 -2.48	47.49 -0.15 -0.87	50.39 -0.25 -1.47	40.93 -0.27 -0.38	34.75 -0.33 0.00	24.43 -0.13 -0.01	27.17 -0.13 0.00	25.69 -0.21 0.00
PROJECT___ORANGE 2 24166	23.67 -0.24 0.00	23.53 -0.25 0.00	20.63 -0.26 0.00	20.28 -0.23 0.00	19.52 -0.19 0.00	24.18 -0.19 0.00	25.98 -0.19 0.00	27.67 -0.18 0.00	23.53 -0.11 1.74	26.37 -0.02 0.00	29.35 0.14 0.00	29.92 0.30 0.00	33.34 0.26 0.00	43.96 0.08 0.00	47.48 0.07 -0.39	48.57 0.14 -2.02	55.02 0.11 -2.48	47.49 -0.15 -0.87	50.39 -0.25 -1.47	40.93 -0.27 -0.38	34.75 -0.33 0.00	24.43 -0.13 -0.01	27.17 -0.13 0.00	25.69 -0.21 0.00
PUCKETT___SOLAR 323809	23.97 0.07 0.00	23.84 0.06 0.00	20.90 0.01 0.00	20.59 0.07 0.00	19.85 0.13 0.00	24.69 0.32 0.00	26.60 0.43 0.00	28.36 0.51 0.00	25.89 0.50 0.00	26.95 0.56 0.00	30.04 0.83 0.00	30.66 1.03 0.00	34.14 1.06 0.00	44.96 1.08 0.00	48.33 1.05 -0.26	49.48 1.75 -1.33	56.58 2.51 -1.64	49.15 1.80 -0.57	52.10 1.96 -0.97	42.31 1.24 -0.25	35.76 0.68 0.00	25.20 0.63 0.00	28.01 0.71 0.00	27.47 0.54 -1.02
PYRITES___HYD 24023	-12.30 -0.32 35.88	-0.85 -0.22 24.41	-2.43 -0.17 23.15	20.37 -0.14 0.00	19.54 -0.18 0.00	24.17 -0.20 0.00	26.02 -0.15 0.00	27.53 -0.32 0.00	-40.91 -0.52 65.78	25.79 -0.59 0.00	28.13 -1.08 0.00	27.99 -1.64 0.00	31.09 -1.99 0.00	34.69 -2.13 7.05	45.23 -1.90 -0.11	44.96 -2.03 -0.59	51.42 -1.74 -0.72	45.96 -1.06 -0.25	48.38 -1.23 -0.43	39.88 -1.05 -0.11	22.35 -0.80 11.92	24.18 -0.38 0.00	26.87 -0.42 0.00	25.63 -0.28 0.00
QUAKERRD_115KV_BK1 80622	23.17 -0.74 0.00	23.00 -0.78 0.00	20.15 -0.74 0.00	19.83 -0.69 0.00	19.16 -0.56 0.00	23.75 -0.62 0.00	25.47 -0.71 0.00	27.09 -0.75 0.00	24.70 -0.69 0.00	25.94 -0.45 0.00	29.00 -0.21 0.00	29.58 -0.05 0.00	32.94 -0.14 0.00	43.15 -0.73 0.00	46.43 -0.58 0.00	45.74 -0.66 0.00	51.39 -1.05 0.00	45.30 -1.47 0.00	47.31 -1.86 0.00	39.18 -1.64 0.00	33.50 -1.57 0.00	23.67 -0.89 0.00	26.48 -0.81 0.00	25.05 -0.86 0.00
QUENSBRY_115KV_TB8 356137	25.43 1.53 0.00	25.13 1.35 0.00	22.03 1.13 0.00	21.66 1.15 0.00	20.71 0.99 0.00	25.67 1.30 0.00	27.72 1.55 0.00	29.48 1.64 0.00	26.69 1.30 0.00	27.84 1.45 0.00	30.43 1.39 0.17	32.04 1.65 -0.77	38.24 1.67 -3.48	46.04 2.39 0.23	49.33 2.32 0.00	48.74 2.34 0.00	55.21 2.77 0.00	49.69 2.92 0.00	52.80 3.63 0.00	43.94 3.11 0.00	39.33 2.73 -1.52	38.10 1.70 -11.84	30.94 1.89 -1.75	27.66 1.57 -0.18
RAMAPO___LBMP 323565	25.17 1.27 0.00	24.92 1.14 0.00	21.89 1.00 0.00	21.49 0.97 0.00	20.60 0.88 0.00	25.44 1.08 0.00	27.34 1.16 0.00	29.11 1.27 0.00	26.61 1.22 0.00	27.75 1.36 0.00	31.22 1.84 -0.17	23.74 2.32 8.20	-1.44 2.61 37.13	47.26 3.16 -0.22	50.26 3.25 0.00	49.88 3.48 0.00	56.25 3.81 0.00	50.13 3.36 0.00	52.69 3.52 0.00	43.72 2.90 0.00	28.17 2.55 9.45	-51.47 1.57 77.60	17.30 1.69 11.68	26.33 1.48 1.06
RANKINE___ 23646	23.23 -0.67 0.00	23.02 -0.76 0.00	20.11 -0.79 0.00	19.83 -0.68 0.00	19.23 -0.49 0.00	23.95 -0.42 0.00	25.67 -0.51 0.00	27.29 -0.55 0.00	24.87 -0.52 0.00	26.28 -0.11 0.00	29.58 0.37 0.00	30.15 0.52 0.00	33.59 0.51 0.00	43.85 -0.03 0.00	47.16 0.15 0.00	46.28 -0.12 0.00	51.72 -0.72 0.00	45.13 -1.64 0.00	47.06 -2.11 0.00	38.90 -1.92 0.00	33.14 -1.93 0.00	23.65 -0.91 0.00	26.70 -0.60 0.00	25.34 -0.57 0.00
RAVENSWOOD_GT2_1 24244	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.21 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.70 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.85 2.46 -0.18	39.26 3.01 -6.62	65.78 3.37 -29.33	48.12 3.99 -0.24	51.05 4.04 0.00	50.63 4.22 0.00	57.10 4.66 0.00	50.86 4.09 0.00	53.44 4.26 0.00	44.34 3.52 0.00	45.94 3.17 -7.69	89.68 1.98 -63.14	38.93 2.17 -9.46	28.71 1.93 -0.88
RAVENSWOOD_GT2_2 24245	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.21 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.70 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.85 2.46 -0.18	39.26 3.01 -6.62	65.78 3.37 -29.33	48.12 3.99 -0.24	51.05 4.04 0.00	50.63 4.22 0.00	57.10 4.66 0.00	50.86 4.09 0.00	53.44 4.26 0.00	44.34 3.52 0.00	45.94 3.17 -7.69	89.68 1.98 -63.14	38.93 2.17 -9.46	28.71 1.93 -0.88

RAVENSWOOD_GT2_3 24246	25.57 1.66 0.00	25.32 1.54 0.00	22.25 1.36 0.00	21.83 1.32 0.00	20.93 1.22 0.00	25.82 1.45 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.07 1.68 0.00	28.28 1.89 0.00	31.88 2.48 -0.18	39.29 3.04 -6.62	65.81 3.40 -29.33	48.16 4.04 -0.24	51.10 4.08 0.00	50.67 4.27 0.00	57.15 4.71 0.00	50.91 4.14 0.00	53.49 4.31 0.00	44.38 3.55 0.00	45.97 3.19 -7.69	89.70 2.00 -63.14	38.95 2.19 -9.46	28.73 1.95 -0.88
RAVENSWOOD_GT2_4 24247	25.57 1.66 0.00	25.32 1.54 0.00	22.25 1.36 0.00	21.83 1.32 0.00	20.93 1.22 0.00	25.82 1.45 0.00	27.73 1.56 0.00	29.56 1.71 0.00	27.07 1.68 0.00	28.28 1.89 0.00	31.88 2.48 -0.18	39.29 3.04 -6.62	65.81 3.40 -29.33	48.16 4.04 -0.24	51.10 4.08 0.00	50.67 4.27 0.00	57.15 4.71 0.00	50.91 4.14 0.00	53.49 4.31 0.00	44.38 3.55 0.00	45.97 3.19 -7.69	89.70 2.00 -63.14	38.95 2.19 -9.46	28.73 1.95 -0.88
RAVENSWOOD_GT3_1 24248	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.21 0.00	25.81 1.45 0.00	27.72 1.55 0.00	29.55 1.70 0.00	27.05 1.67 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.26 3.01 -6.62	65.78 3.37 -29.33	48.12 4.00 -0.24	51.05 4.04 0.00	50.63 4.23 0.00	57.11 4.67 0.00	50.87 4.10 0.00	53.45 4.28 0.00	44.35 3.53 0.00	45.95 3.17 -7.69	89.68 1.98 -63.14	38.93 2.17 -9.46	28.71 1.93 -0.88
RAVENSWOOD_GT3_2 24249	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.21 0.00	25.81 1.45 0.00	27.72 1.55 0.00	29.55 1.70 0.00	27.05 1.67 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.26 3.01 -6.62	65.78 3.37 -29.33	48.12 4.00 -0.24	51.05 4.04 0.00	50.63 4.23 0.00	57.11 4.67 0.00	50.87 4.10 0.00	53.45 4.28 0.00	44.35 3.53 0.00	45.95 3.17 -7.69	89.68 1.98 -63.14	38.93 2.17 -9.46	28.71 1.93 -0.88
RAVENSWOOD_GT3_3 24250	25.60 1.70 0.00	25.34 1.57 0.00	22.28 1.38 0.00	21.86 1.35 0.00	20.95 1.24 0.00	25.85 1.49 0.00	27.75 1.58 0.00	29.58 1.74 0.00	27.09 1.70 0.00	28.30 1.91 0.00	31.90 2.51 -0.18	39.32 3.07 -6.62	65.84 3.44 -29.33	48.21 4.08 -0.24	51.14 4.13 0.00	50.73 4.32 0.00	57.21 4.78 0.00	50.96 4.19 0.00	53.53 4.36 0.00	44.42 3.60 0.00	46.01 3.24 -7.69	89.73 2.03 -63.14	38.99 2.23 -9.46	28.77 1.98 -0.88
RAVENSWOOD_GT3_4 24251	25.60 1.70 0.00	25.34 1.57 0.00	22.28 1.38 0.00	21.86 1.35 0.00	20.95 1.24 0.00	25.85 1.49 0.00	27.75 1.58 0.00	29.58 1.74 0.00	27.09 1.70 0.00	28.30 1.91 0.00	31.90 2.51 -0.18	39.32 3.07 -6.62	65.84 3.44 -29.33	48.21 4.08 -0.24	51.14 4.13 0.00	50.73 4.32 0.00	57.21 4.78 0.00	50.96 4.19 0.00	53.53 4.36 0.00	44.42 3.60 0.00	46.01 3.24 -7.69	89.73 2.03 -63.14	38.99 2.23 -9.46	28.77 1.98 -0.88
RAVENSWOOD_GT_1 23729	25.62 1.71 0.00	25.37 1.59 0.00	22.31 1.42 0.00	21.88 1.37 0.00	20.98 1.27 0.00	25.87 1.51 0.00	27.81 1.64 0.00	29.66 1.81 0.00	27.18 1.79 0.00	28.38 1.99 0.00	32.38 2.61 -0.55	61.36 3.17 -28.57	110.37 3.50 -73.78	48.27 4.14 -0.24	54.08 4.16 -2.91	50.75 4.34 0.00	57.24 4.80 0.00	50.97 4.20 0.00	53.52 4.34 0.00	44.45 3.63 0.00	46.22 3.27 -7.88	89.75 2.05 -63.14	40.62 2.27 -11.05	30.32 2.02 -2.39
RAVENSWOOD_GT_10 24258	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.70 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.82 2.46 -0.15	41.47 3.01 -8.83	70.91 3.37 -34.46	48.12 3.99 -0.24	51.39 4.04 -0.33	50.63 4.23 0.00	57.11 4.67 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.35 3.53 0.00	45.97 3.17 -7.72	89.68 1.98 -63.14	39.12 2.17 -9.65	28.89 1.93 -1.05
RAVENSWOOD_GT_11 24259	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.70 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.82 2.46 -0.15	41.47 3.01 -8.83	70.91 3.37 -34.46	48.12 3.99 -0.24	51.39 4.04 -0.33	50.63 4.23 0.00	57.11 4.67 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.35 3.53 0.00	45.97 3.17 -7.72	89.68 1.98 -63.14	39.12 2.17 -9.65	28.89 1.93 -1.05
RAVENSWOOD_GT_4 24252	25.56 1.65 0.00	25.30 1.53 0.00	22.23 1.34 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.69 0.00	27.04 1.66 0.00	28.25 1.86 0.00	31.63 2.44 0.02	53.83 3.01 -21.20	99.63 3.37 -63.18	48.12 4.00 -0.24	53.28 4.05 -2.22	50.65 4.24 0.00	57.14 4.70 0.00	50.89 4.12 0.00	53.47 4.29 0.00	44.35 3.53 0.00	46.09 3.17 -7.83	89.68 1.98 -63.14	40.14 2.17 -10.67	29.87 1.93 -2.03
RAVENSWOOD_GT_5 24254	25.56 1.65 0.00	25.30 1.53 0.00	22.23 1.34 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.69 0.00	27.04 1.66 0.00	28.25 1.86 0.00	31.63 2.44 0.02	53.83 3.01 -21.20	99.63 3.37 -63.18	48.12 4.00 -0.24	53.28 4.05 -2.22	50.65 4.24 0.00	57.14 4.70 0.00	50.89 4.12 0.00	53.47 4.29 0.00	44.35 3.53 0.00	46.09 3.17 -7.83	89.68 1.98 -63.14	40.14 2.17 -10.67	29.87 1.93 -2.03
RAVENSWOOD_GT_6 24253	25.56 1.65 0.00	25.30 1.53 0.00	22.23 1.34 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.69 0.00	27.04 1.66 0.00	28.25 1.86 0.00	31.63 2.44 0.02	53.83 3.01 -21.20	99.63 3.37 -63.18	48.12 4.00 -0.24	53.28 4.05 -2.22	50.65 4.24 0.00	57.14 4.70 0.00	50.89 4.12 0.00	53.47 4.29 0.00	44.35 3.53 0.00	46.09 3.17 -7.83	89.68 1.98 -63.14	40.14 2.17 -10.67	29.87 1.93 -2.03
RAVENSWOOD_GT_7 24255	25.56 1.65 0.00	25.30 1.53 0.00	22.23 1.34 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.69 0.00	27.04 1.66 0.00	28.25 1.86 0.00	31.63 2.44 0.02	53.83 3.01 -21.20	99.63 3.37 -63.18	48.12 4.00 -0.24	53.28 4.05 -2.22	50.65 4.24 0.00	57.14 4.70 0.00	50.89 4.12 0.00	53.47 4.29 0.00	44.35 3.53 0.00	46.09 3.17 -7.83	89.68 1.98 -63.14	40.14 2.17 -10.67	29.87 1.93 -2.03
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.70 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.82 2.46 -0.15	41.47 3.01 -8.83	70.91 3.37 -34.46	48.12 3.99 -0.24	51.39 4.04 -0.33	50.63 4.23 0.00	57.11 4.67 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.35 3.53 0.00	45.97 3.17 -7.72	89.68 1.98 -63.14	39.12 2.17 -9.65	28.89 1.93 -1.05
RAVENSWOOD_GT_9 24257	25.56 1.65 0.00	25.30 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.20 0.00	25.81 1.44 0.00	27.71 1.54 0.00	29.54 1.70 0.00	27.05 1.66 0.00	28.26 1.87 0.00	31.82 2.46 -0.15	41.47 3.01 -8.83	70.91 3.37 -34.46	48.12 3.99 -0.24	51.39 4.04 -0.33	50.63 4.23 0.00	57.11 4.67 0.00	50.88 4.11 0.00	53.45 4.28 0.00	44.35 3.53 0.00	45.97 3.17 -7.72	89.68 1.98 -63.14	39.12 2.17 -9.65	28.89 1.93 -1.05

RAVENSWOOD___1 23533	25.58 1.68 0.00	25.33 1.56 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.96 1.24 0.00	25.83 1.47 0.00	27.75 1.58 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.21 2.55 -0.45	20.48 3.10 12.24	22.07 3.44 14.45	48.18 4.05 -0.24	48.21 4.06 2.87	50.64 4.24 0.00	57.13 4.69 0.00	50.87 4.10 0.00	53.42 4.25 0.00	44.37 3.55 0.00	45.80 3.20 -7.51	89.69 1.99 -63.14	37.40 2.21 -7.90	27.25 1.95 0.61
RAVENSWOOD___2 23534	25.55 1.64 0.00	25.30 1.52 0.00	22.25 1.36 0.00	21.82 1.31 0.00	20.93 1.21 0.00	25.79 1.43 0.00	27.72 1.55 0.00	29.57 1.73 0.00	27.09 1.70 0.00	28.29 1.90 0.00	32.22 2.51 -0.50	40.69 3.05 -8.01	65.78 3.37 -29.33	48.02 3.89 -0.24	50.73 3.72 0.00	50.28 3.88 0.00	56.71 4.27 0.00	50.53 3.76 0.00	53.05 3.88 0.00	44.11 3.29 0.00	45.86 3.09 -7.69	89.64 1.94 -63.14	38.92 2.16 -9.46	28.71 1.92 -0.88
RAVENSWOOD___3 23535	25.56 1.66 0.00	25.31 1.53 0.00	22.24 1.35 0.00	21.82 1.31 0.00	20.92 1.21 0.00	25.81 1.45 0.00	27.72 1.54 0.00	29.55 1.70 0.00	27.06 1.67 0.00	28.26 1.87 0.00	31.86 2.46 -0.18	39.25 3.01 -6.62	65.78 3.37 -29.33	48.13 4.00 -0.24	51.05 4.04 0.00	50.64 4.23 0.00	57.11 4.67 0.00	50.88 4.10 0.00	53.45 4.28 0.00	44.35 3.53 0.00	45.94 3.17 -7.69	89.68 1.98 -63.14	38.93 2.17 -9.46	28.71 1.93 -0.88
RAVENSWOOD___4 23820	25.58 1.68 0.00	25.33 1.56 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.96 1.24 0.00	25.83 1.47 0.00	27.75 1.58 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.21 2.55 -0.45	20.48 3.10 12.24	22.07 3.44 14.45	48.18 4.05 -0.24	48.21 4.06 2.87	50.64 4.24 0.00	57.13 4.69 0.00	50.87 4.10 0.00	53.42 4.25 0.00	44.37 3.55 0.00	45.80 3.20 -7.51	89.69 1.99 -63.14	37.40 2.21 -7.90	27.25 1.95 0.61
RCPL_TRUST___DRP 24196	25.55 1.64 0.00	25.29 1.51 0.00	22.22 1.33 0.00	21.80 1.29 0.00	20.90 1.19 0.00	25.79 1.43 0.00	27.70 1.53 0.00	29.54 1.69 0.00	27.05 1.67 0.00	28.28 1.89 0.00	31.88 2.48 -0.18	39.27 3.07 -6.58	65.74 3.46 -29.20	48.27 4.15 -0.24	51.24 4.23 0.00	50.80 4.39 0.00	57.30 4.86 0.00	51.02 4.25 0.00	53.59 4.41 0.00	44.39 3.56 0.00	45.95 3.17 -7.70	89.70 1.98 -63.16	38.94 2.18 -9.47	28.71 1.92 -0.88
RED___ROCHESTER 323720	23.81 -0.09 0.00	23.63 -0.14 0.00	20.68 -0.21 0.00	20.35 -0.16 0.00	19.68 -0.04 0.00	24.41 0.04 0.00	26.15 -0.02 0.00	27.82 -0.02 0.00	25.37 -0.03 0.00	26.69 0.30 0.00	29.94 0.73 0.00	30.56 0.93 0.00	34.04 0.96 0.00	44.51 0.63 0.00	47.94 0.92 0.00	47.21 0.80 0.00	52.94 0.50 0.00	46.55 -0.22 0.00	48.58 -0.60 0.00	40.18 -0.64 0.00	34.33 -0.74 0.00	24.30 -0.26 0.00	27.22 -0.07 0.00	23.41 -0.17 2.32
REGAN___SOLAR 323812	26.27 2.37 0.00	26.06 2.28 0.00	22.89 2.00 0.00	22.47 1.96 0.00	21.64 1.93 0.00	26.74 2.37 0.00	28.24 2.07 0.00	30.02 2.17 0.00	26.98 1.59 0.00	27.63 1.24 0.00	30.73 1.62 0.10	30.72 1.17 0.08	33.86 1.15 0.36	45.21 1.47 0.14	49.00 1.99 0.00	47.17 0.77 0.00	54.10 1.67 0.00	51.48 4.71 0.00	54.98 5.80 0.00	46.09 5.27 0.00	40.45 4.43 -0.94	35.71 3.05 -8.10	31.57 3.08 -1.20	28.76 2.73 -0.12
RENSSELAER___COGEN 23796	24.50 0.59 0.00	24.41 0.64 0.00	21.51 0.62 0.00	21.10 0.59 0.00	20.23 0.51 0.00	24.91 0.54 0.00	26.67 0.50 0.00	28.30 0.45 0.00	25.72 0.33 0.00	26.68 0.29 0.00	29.51 0.46 0.16	31.23 0.75 -0.86	37.74 0.81 -3.85	44.53 0.86 0.21	47.79 0.78 0.00	47.29 0.89 0.00	53.44 1.00 0.00	47.91 1.14 0.00	50.60 1.43 0.00	42.04 1.21 0.00	37.83 1.13 -1.63	37.87 0.65 -12.66	29.89 0.72 -1.87	26.72 0.62 -0.19
REPUBLIC_115KV_BARTNBRK 55605	26.67 2.76 0.00	26.13 2.35 0.00	22.81 1.92 0.00	22.53 2.02 0.00	21.41 1.69 0.00	26.72 2.36 0.00	29.05 2.88 0.00	30.78 2.93 0.00	27.59 2.20 0.00	28.93 2.54 0.00	31.41 2.37 0.17	33.08 2.69 -0.77	39.64 3.07 -3.49	48.34 4.69 0.24	51.58 4.57 0.00	50.97 4.57 0.00	57.76 5.32 0.00	52.72 5.95 0.00	56.01 6.83 0.00	46.44 5.61 0.00	41.43 4.83 -1.52	39.47 3.02 -11.89	32.46 3.41 -1.75	29.06 2.97 -0.18
REVERE_CPPR_DRP 24186	23.23 0.53 1.20	23.46 0.51 0.82	20.54 0.42 0.78	20.97 0.46 0.00	20.17 0.45 0.00	24.99 0.63 0.00	26.95 0.77 0.00	28.73 0.89 0.00	20.93 0.87 5.33	27.30 0.92 0.00	30.22 1.01 0.00	30.69 1.07 0.00	34.36 1.28 0.00	45.26 1.61 0.24	48.90 1.69 -0.20	48.97 1.55 -1.02	56.00 2.32 -1.25	49.48 2.27 -0.44	52.31 2.39 -0.74	42.73 1.72 -0.19	45.87 1.33 -9.46	25.72 1.16 0.00	28.48 1.18 0.00	26.81 0.90 0.00
REYNOLDS_115KV_TB3 80639	24.68 0.78 0.00	24.58 0.80 0.00	21.65 0.76 0.00	21.24 0.73 0.00	20.37 0.65 0.00	25.08 0.71 0.00	26.87 0.69 0.00	28.48 0.63 0.00	25.88 0.49 0.00	26.85 0.46 0.00	29.62 0.60 0.19	31.45 0.96 -0.86	38.01 1.04 -3.89	44.77 1.15 0.25	48.12 1.11 0.00	47.57 1.17 0.00	53.71 1.27 0.00	48.25 1.48 0.00	50.99 1.82 0.00	42.34 1.51 0.00	38.15 1.37 -1.71	38.68 0.82 -13.31	30.17 0.92 -1.96	26.88 0.77 -0.20
RIVERBAY____ 323610	25.66 1.76 0.00	25.45 1.67 0.00	22.36 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.91 1.74 0.00	29.73 1.88 0.00	27.22 1.83 0.00	28.37 1.98 0.00	31.95 2.55 -0.19	39.33 3.08 -6.62	65.92 3.51 -29.33	48.30 4.18 -0.24	51.43 4.41 0.00	51.20 4.79 0.00	57.74 5.30 0.00	51.44 4.67 0.00	54.03 4.86 0.00	44.92 4.10 0.00	46.36 3.58 -7.69	89.98 2.28 -63.14	39.21 2.45 -9.46	28.96 2.18 -0.88
RIVERSDE_115KV_TB3 55908	24.62 0.72 0.00	24.53 0.75 0.00	21.61 0.72 0.00	21.19 0.68 0.00	20.32 0.60 0.00	25.02 0.66 0.00	26.80 0.63 0.00	28.43 0.59 0.00	25.83 0.44 0.00	26.80 0.42 0.00	29.61 0.58 0.18	31.34 0.85 -0.86	37.83 0.87 -3.87	44.61 0.96 0.23	47.92 0.91 0.00	47.47 1.06 0.00	53.70 1.26 0.00	48.06 1.28 0.00	50.71 1.54 0.00	42.20 1.37 0.00	38.05 1.31 -1.66	38.28 0.78 -12.95	30.07 0.87 -1.91	26.84 0.74 -0.20
ROARING___BROOK_WT_PWR 323790	-45.03 -0.50 68.43	-23.69 -0.91 46.56	-24.13 -0.86 44.16	19.77 -0.74 0.00	19.02 -0.70 0.00	23.44 -0.93 0.00	25.43 -0.74 0.00	27.15 -0.70 0.00	27.83 -0.60 -3.04	25.75 -0.64 0.00	28.33 -0.88 0.00	28.44 -1.19 0.00	31.69 -1.39 0.00	28.85 -1.58 13.45	45.70 -1.32 0.00	44.80 -1.60 0.00	50.78 -1.66 0.00	45.76 -1.01 0.00	47.66 -1.51 0.00	39.24 -1.58 0.00	32.70 -1.06 1.32	24.18 -0.38 0.00	26.84 -0.46 0.00	25.39 -0.52 0.00
ROCHESRG_115KV_T4 355643	23.49 -0.41 0.00	23.32 -0.46 0.00	20.43 -0.46 0.00	20.11 -0.40 0.00	19.44 -0.28 0.00	24.10 -0.26 0.00	25.83 -0.35 0.00	27.45 -0.39 0.00	25.01 -0.38 0.00	26.30 -0.09 0.00	29.45 0.24 0.00	30.03 0.40 0.00	33.43 0.35 0.00	43.75 -0.14 0.00	47.08 0.07 0.00	46.36 -0.04 0.00	52.02 -0.42 0.00	45.77 -1.00 0.00	47.79 -1.38 0.00	39.57 -1.25 0.00	33.83 -1.25 0.00	23.95 -0.61 0.00	26.86 -0.44 0.00	25.42 -0.49 0.00

ROCHESTER_9_IC 23652	23.66 -0.24 0.00	23.49 -0.29 0.00	20.57 -0.32 0.00	20.24 -0.27 0.00	19.57 -0.14 0.00	24.27 -0.09 0.00	26.01 -0.17 0.00	27.66 -0.19 0.00	25.21 -0.18 0.00	26.51 0.12 0.00	29.71 0.50 0.00	30.29 0.66 0.00	33.73 0.65 0.00	44.14 0.26 0.00	47.55 0.54 0.00	46.82 0.42 0.00	52.51 0.07 0.00	46.19 -0.58 0.00	48.20 -0.98 0.00	39.90 -0.93 0.00	34.08 -1.00 0.00	24.13 -0.43 0.00	27.05 -0.24 0.00	25.59 -0.32 0.00
ROCKVIEW_13_KV_LD 356306	25.54 1.64 0.00	25.29 1.51 0.00	22.22 1.33 0.00	21.80 1.29 0.00	20.91 1.19 0.00	25.80 1.44 0.00	27.70 1.53 0.00	29.52 1.67 0.00	27.02 1.63 0.00	28.21 1.82 0.00	31.79 2.40 -0.18	38.52 2.93 -5.96	63.38 3.32 -26.98	48.13 4.01 -0.24	51.13 4.12 0.00	50.72 4.32 0.00	57.24 4.80 0.00	51.01 4.24 0.00	53.61 4.43 0.00	44.44 3.62 0.00	45.97 3.20 -7.69	89.66 1.99 -63.12	38.91 2.16 -9.46	28.68 1.90 -0.88
ROME____115KV_TB2 80656	23.23 0.53 1.20	23.46 0.51 0.82	20.54 0.42 0.78	20.97 0.46 0.00	20.17 0.45 0.00	24.99 0.63 0.00	26.95 0.77 0.00	28.73 0.89 0.00	20.93 0.87 5.33	27.30 0.92 0.00	30.22 1.01 0.00	30.69 1.07 0.00	34.36 1.28 0.00	45.26 1.61 0.24	48.90 1.69 -0.20	48.97 1.55 -1.02	56.00 2.32 -1.25	49.48 2.27 -0.44	52.31 2.39 -0.74	42.73 1.72 -0.19	45.87 1.33 -9.46	25.72 1.16 0.00	28.48 1.18 0.00	26.81 0.90 0.00
ROSETON____1 23587	25.11 1.20 0.00	24.88 1.11 0.00	21.88 0.99 0.00	21.47 0.96 0.00	20.60 0.88 0.00	25.41 1.05 0.00	27.25 1.08 0.00	29.02 1.18 0.00	26.51 1.11 0.00	27.63 1.24 0.00	31.05 1.67 -0.17	31.87 2.12 -0.12	36.02 2.38 -0.56	46.96 2.85 -0.22	49.93 2.91 0.00	49.51 3.10 0.00	55.87 3.43 0.00	49.85 3.08 0.00	52.48 3.30 0.00	43.54 2.72 0.00	32.68 2.40 4.80	-15.28 1.47 -41.30	22.78 1.58 6.09	26.64 1.36 0.62
ROSETON____2 23588	25.11 1.20 0.00	24.88 1.11 0.00	21.88 0.99 0.00	21.47 0.96 0.00	20.60 0.88 0.00	25.41 1.05 0.00	27.25 1.08 0.00	29.02 1.18 0.00	26.51 1.11 0.00	27.63 1.24 0.00	31.05 1.67 -0.17	31.87 2.12 -0.12	36.02 2.38 -0.56	46.96 2.85 -0.22	49.93 2.91 0.00	49.51 3.10 0.00	55.87 3.43 0.00	49.85 3.08 0.00	52.48 3.30 0.00	43.54 2.72 0.00	32.68 2.40 4.80	-15.28 1.47 -41.30	22.78 1.58 6.09	26.64 1.36 0.62
ROTTDRAM_115KV_TB3 80664	24.73 0.82 0.00	24.57 0.79 0.00	21.59 0.70 0.00	21.19 0.68 0.00	20.35 0.63 0.00	25.13 0.76 0.00	26.97 0.79 0.00	28.64 0.79 0.00	26.10 0.71 0.00	27.16 0.77 0.00	30.01 0.93 0.13	31.49 1.12 -0.74	37.65 1.18 -3.39	45.12 1.43 0.18	48.45 1.44 0.00	47.86 1.45 0.00	54.09 1.65 0.00	48.52 1.75 0.00	51.22 2.05 0.00	42.57 1.75 0.00	38.04 1.54 -1.43	36.64 0.97 -11.10	29.98 1.05 -1.64	26.95 0.88 -0.17
RUSSELL____1 23602	23.81 -0.10 0.00	23.63 -0.15 0.00	20.68 -0.21 0.00	20.35 -0.16 0.00	19.68 -0.04 0.00	24.40 0.04 0.00	26.15 -0.03 0.00	27.82 -0.02 0.00	25.36 -0.03 0.00	26.69 0.30 0.00	29.93 0.72 0.00	30.53 0.90 0.00	34.00 0.93 0.00	44.51 0.62 0.00	47.94 0.92 0.00	47.22 0.81 0.00	52.95 0.50 0.00	46.55 -0.22 0.00	48.57 -0.61 0.00	40.19 -0.64 0.00	34.32 -0.75 0.00	24.29 -0.27 0.00	27.21 -0.08 0.00	25.73 -0.18 0.00
RUSSELL____2 23532	23.81 -0.10 0.00	23.63 -0.15 0.00	20.68 -0.21 0.00	20.35 -0.16 0.00	19.68 -0.04 0.00	24.40 0.04 0.00	26.15 -0.03 0.00	27.82 -0.02 0.00	25.36 -0.03 0.00	26.69 0.30 0.00	29.93 0.72 0.00	30.53 0.90 0.00	34.00 0.93 0.00	44.51 0.62 0.00	47.94 0.92 0.00	47.22 0.81 0.00	52.95 0.50 0.00	46.55 -0.22 0.00	48.57 -0.61 0.00	40.19 -0.64 0.00	34.32 -0.75 0.00	24.29 -0.27 0.00	27.21 -0.08 0.00	25.73 -0.18 0.00
RUSSELL____3 23549	23.81 -0.10 0.00	23.63 -0.15 0.00	20.68 -0.21 0.00	20.35 -0.16 0.00	19.68 -0.04 0.00	24.40 0.04 0.00	26.15 -0.03 0.00	27.82 -0.02 0.00	25.36 -0.03 0.00	26.69 0.30 0.00	29.93 0.72 0.00	30.53 0.90 0.00	34.00 0.93 0.00	44.51 0.62 0.00	47.94 0.92 0.00	47.22 0.81 0.00	52.95 0.50 0.00	46.55 -0.22 0.00	48.57 -0.61 0.00	40.19 -0.64 0.00	34.32 -0.75 0.00	24.29 -0.27 0.00	27.21 -0.08 0.00	25.73 -0.18 0.00
RUSSELL____4 23556	23.81 -0.10 0.00	23.63 -0.15 0.00	20.68 -0.21 0.00	20.35 -0.16 0.00	19.68 -0.04 0.00	24.40 0.04 0.00	26.15 -0.03 0.00	27.82 -0.02 0.00	25.36 -0.03 0.00	26.69 0.30 0.00	29.93 0.72 0.00	30.53 0.90 0.00	34.00 0.93 0.00	44.51 0.62 0.00	47.94 0.92 0.00	47.22 0.81 0.00	52.95 0.50 0.00	46.55 -0.22 0.00	48.57 -0.61 0.00	40.19 -0.64 0.00	34.32 -0.75 0.00	24.29 -0.27 0.00	27.21 -0.08 0.00	25.73 -0.18 0.00
RUSSELL____STATION 23914	23.81 -0.10 0.00	23.63 -0.15 0.00	20.68 -0.21 0.00	20.35 -0.16 0.00	19.68 -0.04 0.00	24.40 0.04 0.00	26.15 -0.03 0.00	27.82 -0.02 0.00	25.36 -0.03 0.00	26.69 0.30 0.00	29.93 0.72 0.00	30.53 0.90 0.00	34.00 0.93 0.00	44.51 0.62 0.00	47.94 0.92 0.00	47.22 0.81 0.00	52.95 0.50 0.00	46.55 -0.22 0.00	48.57 -0.61 0.00	40.19 -0.64 0.00	34.32 -0.75 0.00	24.29 -0.27 0.00	27.21 -0.08 0.00	25.73 -0.18 0.00
S SALMON____HYD 24043	20.02 -0.71 3.17	20.92 -0.71 2.16	18.20 -0.65 2.05	19.93 -0.58 0.00	19.19 -0.52 0.00	23.71 -0.66 0.00	25.51 -0.66 0.00	27.16 -0.69 0.00	18.22 -0.54 6.63	25.87 -0.52 0.00	28.65 -0.56 0.00	29.16 -0.46 0.00	32.42 -0.66 0.00	42.18 -1.08 0.62	47.08 -0.86 -0.93	50.29 -0.91 -4.79	57.42 -0.90 -5.87	48.09 -0.74 -2.06	51.86 -0.81 -3.49	40.76 -0.96 -0.89	25.13 -0.90 9.05	24.43 -0.15 -0.01	27.10 -0.19 0.00	25.50 -0.40 0.00
S.PERRY__115KV_TB1 80734	24.14 0.24 0.00	23.89 0.11 0.00	20.82 -0.07 0.00	20.48 -0.03 0.00	19.83 0.11 0.00	24.75 0.38 0.00	26.67 0.49 0.00	28.52 0.67 0.00	25.86 0.47 0.00	27.03 0.64 0.00	30.33 1.12 0.00	30.48 0.85 0.00	33.57 0.49 0.00	44.13 0.24 0.00	47.45 0.44 0.00	47.32 0.92 0.00	53.19 0.75 0.00	46.58 -0.19 0.00	48.61 -0.57 0.00	40.25 -0.57 0.00	34.33 -0.74 0.00	24.77 0.21 0.00	28.00 0.71 0.00	26.44 0.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.02 -0.88 0.00	22.84 -0.94 0.00	19.97 -0.92 0.00	19.70 -0.81 0.00	19.11 -0.61 0.00	23.75 -0.62 0.00	25.39 -0.78 0.00	26.96 -0.89 0.00	24.53 -0.86 0.00	25.92 -0.46 0.00	29.14 -0.08 0.00	29.70 0.08 0.00	33.09 0.01 0.00	43.07 -0.81 0.00	46.39 -0.62 0.00	45.49 -0.91 0.00	50.86 -1.58 0.00	44.43 -2.34 0.00	46.31 -2.87 0.00	38.32 -2.50 0.00	32.69 -2.39 0.00	23.33 -1.23 0.00	26.41 -0.89 0.00	25.07 -0.84 0.00
SAWYER____23_KV_LOAD 55526	23.02 -0.88 0.00	22.84 -0.94 0.00	19.97 -0.92 0.00	19.70 -0.81 0.00	19.11 -0.61 0.00	23.75 -0.62 0.00	25.39 -0.78 0.00	26.96 -0.89 0.00	24.53 -0.86 0.00	25.92 -0.46 0.00	29.14 -0.08 0.00	29.70 0.08 0.00	33.09 0.01 0.00	43.07 -0.81 0.00	46.39 -0.62 0.00	45.49 -0.91 0.00	50.86 -1.58 0.00	44.43 -2.34 0.00	46.31 -2.87 0.00	38.32 -2.50 0.00	32.69 -2.39 0.00	23.33 -1.23 0.00	26.41 -0.89 0.00	25.07 -0.84 0.00

SELKIRK___I 23801	24.60 0.70 0.00	24.52 0.74 0.00	21.58 0.69 0.00	21.18 0.67 0.00	20.33 0.61 0.00	25.05 0.69 0.00	26.82 0.65 0.00	28.44 0.60 0.00	25.77 0.38 0.00	26.73 0.34 0.00	29.63 0.52 0.10	31.16 0.74 -0.79	37.42 0.76 -3.57	44.55 0.80 0.13	47.65 0.64 0.00	47.14 0.73 0.00	53.31 0.87 0.00	47.85 1.08 0.00	50.62 1.45 0.00	42.15 1.32 0.00	37.70 1.23 -1.39	36.08 0.76 -10.76	29.71 0.83 -1.59	26.80 0.73 -0.16
SELKIRK___II 23799	24.49 0.58 0.00	24.42 0.64 0.00	21.50 0.60 0.00	21.09 0.58 0.00	20.23 0.51 0.00	24.94 0.57 0.00	26.72 0.55 0.00	28.36 0.51 0.00	25.79 0.40 0.00	26.78 0.39 0.00	29.65 0.56 0.12	31.30 0.83 -0.85	37.80 0.90 -3.81	44.73 1.00 0.16	47.94 0.92 0.00	47.43 1.03 0.00	53.59 1.15 0.00	47.98 1.21 0.00	50.66 1.49 0.00	42.11 1.28 0.00	37.79 1.18 -1.53	37.16 0.70 -11.90	29.82 0.77 -1.76	26.74 0.66 -0.18
SENECA OSWGO___HYD 24041	23.47 -0.43 0.00	23.33 -0.45 0.00	20.47 -0.42 0.00	20.11 -0.40 0.00	19.36 -0.35 0.00	23.96 -0.40 0.00	25.75 -0.42 0.00	27.40 -0.45 0.00	22.90 -0.39 2.10	26.06 -0.33 0.00	28.97 -0.24 0.00	29.49 -0.14 0.00	32.85 -0.23 0.00	43.34 -0.54 0.00	47.73 -0.59 -1.31	52.53 -0.60 -6.74	60.08 -0.61 -8.25	48.96 -0.71 -2.90	53.28 -0.80 -4.91	41.37 -0.71 -1.26	32.54 -0.69 1.85	24.21 -0.36 -0.02	26.89 -0.40 0.00	25.44 -0.47 0.00
SENECA___115KV_TB3 355854	23.27 -0.63 0.00	23.06 -0.72 0.00	20.14 -0.75 0.00	19.86 -0.65 0.00	19.26 -0.45 0.00	23.99 -0.37 0.00	25.71 -0.46 0.00	27.35 -0.50 0.00	24.92 -0.47 0.00	26.34 -0.05 0.00	29.65 0.43 0.00	30.22 0.59 0.00	33.66 0.58 0.00	43.96 0.07 0.00	47.28 0.27 0.00	46.39 -0.02 0.00	51.82 -0.61 0.00	45.23 -1.55 0.00	47.16 -2.02 0.00	38.97 -1.85 0.00	33.20 -1.87 0.00	23.69 -0.87 0.00	26.75 -0.55 0.00	25.38 -0.53 0.00
SENECA___ENERGY 23797	23.71 -0.19 0.00	23.50 -0.27 0.00	20.58 -0.31 0.00	20.24 -0.27 0.00	19.53 -0.19 0.00	24.26 -0.10 0.00	26.10 -0.07 0.00	27.83 -0.01 0.00	24.24 -0.03 1.13	26.53 0.14 0.00	29.59 0.38 0.00	30.31 0.69 0.00	33.71 0.63 0.00	44.21 0.33 0.00	47.95 0.41 -0.53	49.74 0.63 -2.70	56.38 0.63 -3.31	47.96 0.03 -1.16	51.05 -0.10 -1.97	41.21 -0.12 -0.50	34.76 -0.32 0.00	24.54 -0.03 -0.01	27.25 -0.05 0.00	25.73 -0.18 0.00
SHOEMAKER___GT 23640	24.99 1.09 0.00	24.76 0.98 0.00	21.75 0.86 0.00	21.35 0.84 0.00	20.49 0.77 0.00	25.30 0.94 0.00	27.17 1.00 0.00	28.92 1.07 0.00	26.41 1.02 0.00	27.50 1.11 0.00	30.83 1.47 -0.15	26.47 1.89 5.04	12.39 2.15 22.83	46.67 2.60 -0.19	49.64 2.63 0.00	49.23 2.82 0.00	55.64 3.20 0.00	49.62 2.85 0.00	52.23 3.06 0.00	43.40 2.58 0.00	30.32 2.24 7.00	-32.04 1.38 57.98	20.05 1.45 8.70	26.35 1.25 0.80
SHOEMAKR_138KV_BK 111 55601	24.98 1.07 0.00	24.75 0.97 0.00	21.74 0.85 0.00	21.34 0.83 0.00	20.48 0.76 0.00	25.29 0.92 0.00	27.15 0.98 0.00	28.91 1.06 0.00	26.41 1.02 0.00	27.50 1.12 0.00	30.85 1.49 -0.14	26.74 1.91 4.79	13.56 2.17 21.69	46.67 2.60 -0.19	49.69 2.67 0.00	49.26 2.86 0.00	55.65 3.21 0.00	49.62 2.85 0.00	52.23 3.06 0.00	43.37 2.55 0.00	30.51 2.22 6.79	-30.40 1.36 56.31	20.29 1.44 8.45	26.37 1.24 0.78
SHOREHAM_IC_1 23715	27.14 1.64 -1.60	27.01 1.62 -1.61	22.26 1.37 0.00	21.86 1.35 0.00	20.91 1.19 0.00	25.74 1.38 0.00	27.58 1.40 0.00	29.40 1.55 0.00	26.82 1.43 0.00	28.01 1.62 0.00	37.14 2.58 -5.34	40.96 3.20 -8.14	77.74 3.50 -41.15	58.06 4.36 -9.81	56.67 4.49 -5.16	54.48 4.79 -3.29	59.50 5.38 -1.68	154.49 4.94 -102.77	78.08 5.10 -23.81	67.71 4.02 -22.86	46.40 3.58 -7.74	90.04 2.10 -63.38	38.94 2.15 -9.50	28.68 1.89 -0.88
SHOREHAM_IC_2 23716	27.14 1.64 -1.60	27.01 1.62 -1.61	22.26 1.37 0.00	21.86 1.35 0.00	20.91 1.19 0.00	25.74 1.38 0.00	27.58 1.40 0.00	29.40 1.55 0.00	26.82 1.43 0.00	28.01 1.62 0.00	37.14 2.58 -5.34	40.96 3.20 -8.14	77.74 3.50 -41.15	58.06 4.36 -9.81	56.67 4.49 -5.16	54.48 4.79 -3.29	59.50 5.38 -1.68	154.49 4.94 -102.77	78.08 5.10 -23.81	67.71 4.02 -22.86	46.40 3.58 -7.74	90.04 2.10 -63.38	38.94 2.15 -9.50	28.68 1.89 -0.88
SISSONVILLE____ 23735	-11.79 -0.78 34.91	-0.64 -0.67 23.75	-2.20 -0.56 22.53	20.00 -0.51 0.00	19.16 -0.55 0.00	23.69 -0.68 0.00	25.46 -0.71 0.00	26.96 -0.88 0.00	-37.52 -0.93 61.98	25.42 -0.97 0.00	27.88 -1.34 0.00	27.74 -1.89 0.00	30.73 -2.35 0.00	34.35 -2.67 6.86	44.66 -2.48 -0.12	44.34 -2.70 -0.64	50.46 -2.75 -0.78	44.93 -2.12 -0.27	47.26 -2.38 -0.46	38.91 -2.03 -0.12	20.47 -1.70 12.91	23.62 -0.94 0.00	26.29 -1.00 0.00	25.11 -0.80 0.00
SITHE_IND_GS1 24169	23.19 -0.71 0.00	23.08 -0.69 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.55 0.00	23.70 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.07 -0.56 0.00	32.38 -0.70 0.00	42.69 -1.20 0.00	41.94 -1.26 3.81	25.61 -1.23 19.56	27.06 -1.40 23.97	36.95 -1.41 8.41	33.39 -1.52 14.26	35.87 -1.30 3.65	33.90 -1.18 0.00	23.79 -0.71 0.05	26.51 -0.78 0.00	25.11 -0.80 0.00
SITHE_IND_GS2 24170	23.19 -0.71 0.00	23.08 -0.69 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.55 0.00	23.70 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.07 -0.56 0.00	32.38 -0.70 0.00	42.69 -1.20 0.00	41.94 -1.26 3.81	25.61 -1.23 19.56	27.06 -1.40 23.97	36.95 -1.41 8.41	33.39 -1.52 14.26	35.87 -1.30 3.65	33.90 -1.18 0.00	23.79 -0.71 0.05	26.51 -0.78 0.00	25.11 -0.80 0.00
SITHE_IND_GS3 24171	23.19 -0.71 0.00	23.08 -0.69 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.55 0.00	23.70 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.07 -0.56 0.00	32.38 -0.70 0.00	42.69 -1.20 0.00	41.94 -1.26 3.81	25.61 -1.23 19.56	27.06 -1.40 23.97	36.95 -1.41 8.41	33.39 -1.52 14.26	35.87 -1.30 3.65	33.90 -1.18 0.00	23.79 -0.71 0.05	26.51 -0.78 0.00	25.11 -0.80 0.00
SITHE_IND_GS4 24172	23.19 -0.71 0.00	23.08 -0.69 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.55 0.00	23.70 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.07 -0.56 0.00	32.38 -0.70 0.00	42.69 -1.20 0.00	41.94 -1.26 3.81	25.61 -1.23 19.56	27.06 -1.40 23.97	36.95 -1.41 8.41	33.39 -1.52 14.26	35.87 -1.30 3.65	33.90 -1.18 0.00	23.79 -0.71 0.05	26.51 -0.78 0.00	25.11 -0.80 0.00
SITHE___BATAVIA 24024	23.91 0.01 0.00	23.69 -0.09 0.00	20.70 -0.19 0.00	20.40 -0.11 0.00	19.78 0.06 0.00	24.56 0.20 0.00	26.33 0.16 0.00	28.02 0.17 0.00	25.44 0.05 0.00	26.77 0.38 0.00	30.06 0.85 0.00	30.84 1.21 0.00	34.38 1.30 0.00	44.67 0.79 0.00	48.35 1.34 0.00	47.61 1.20 0.00	53.23 0.79 0.00	46.57 -0.21 0.00	48.46 -0.72 0.00	40.01 -0.81 0.00	34.13 -0.95 0.00	24.28 -0.27 0.00	27.39 0.10 0.00	22.39 0.01 3.54

SITHE___INDEPEND 23800	23.19 -0.71 0.00	23.08 -0.69 0.00	20.26 -0.63 0.00	19.91 -0.60 0.00	19.16 -0.55 0.00	23.70 -0.67 0.00	25.43 -0.74 0.00	27.04 -0.80 0.00	24.69 -0.70 0.00	25.72 -0.67 0.00	28.56 -0.66 0.00	29.06 -0.57 0.00	32.37 -0.71 0.00	42.69 -1.20 0.00	41.94 -1.26 3.81	25.61 -1.23 19.56	27.06 -1.40 23.97	36.95 -1.41 8.41	33.39 -1.52 14.26	35.87 -1.30 3.65	33.90 -1.18 0.00	23.79 -0.72 0.05	26.51 -0.78 0.00	25.11 -0.79 0.00
SITHE___MASSENA 23902	-18.83 -0.48 42.26	-5.35 -0.38 28.75	-6.69 -0.31 27.27	20.23 -0.28 0.00	19.42 -0.30 0.00	23.98 -0.39 0.00	25.82 -0.35 0.00	27.47 -0.38 0.00	-65.67 -0.41 90.65	25.89 -0.49 0.00	28.40 -0.81 0.00	28.41 -1.22 0.00	31.74 -1.34 0.00	34.21 -1.37 8.31	45.80 -1.21 0.00	44.93 -1.47 0.00	50.91 -1.53 0.00	45.54 -1.23 0.00	47.72 -1.46 0.00	39.61 -1.21 0.00	28.65 -0.96 5.47	23.97 -0.59 0.00	26.64 -0.66 0.00	25.41 -0.50 0.00
SITHE___OGDNSBRG 24021	-14.13 -0.27 37.76	-2.08 -0.16 25.69	-3.59 -0.12 24.37	20.41 -0.10 0.00	19.60 -0.12 0.00	24.22 -0.15 0.00	26.09 -0.09 0.00	27.59 -0.25 0.00	-48.17 -0.45 73.12	25.85 -0.54 0.00	28.21 -1.00 0.00	28.11 -1.52 0.00	31.31 -1.76 0.00	34.61 -1.84 7.42	45.37 -1.64 0.00	44.62 -1.78 0.00	50.93 -1.51 0.00	45.85 -0.92 0.00	48.09 -1.09 0.00	39.90 -0.92 0.00	24.40 -0.66 10.02	24.22 -0.33 0.00	26.91 -0.38 0.00	25.66 -0.24 0.00
SITHE___STERLING 23777	24.37 0.47 0.00	24.22 0.44 0.00	21.26 0.37 0.00	20.90 0.39 0.00	20.10 0.39 0.00	24.91 0.54 0.00	26.83 0.65 0.00	28.60 0.76 0.00	22.58 0.75 3.56	27.17 0.78 0.00	30.11 0.90 0.00	30.64 1.01 0.00	34.31 1.23 0.00	45.33 1.45 0.00	48.71 1.48 -0.21	48.91 1.41 -1.10	55.76 1.98 -1.35	49.09 1.84 -0.47	51.93 1.95 -0.80	42.49 1.46 -0.20	41.76 1.14 -5.55	25.48 0.92 0.00	28.24 0.94 0.00	26.63 0.73 0.00
SLEIGHT___34_KV_TB1 80719	23.63 -0.28 0.00	23.44 -0.34 0.00	20.55 -0.34 0.00	20.21 -0.31 0.00	19.52 -0.20 0.00	24.21 -0.16 0.00	26.01 -0.16 0.00	27.69 -0.15 0.00	25.25 -0.14 0.00	26.47 0.09 0.00	29.61 0.39 0.00	30.25 0.62 0.00	33.69 0.60 0.00	44.15 0.27 0.00	47.64 0.48 -0.15	47.64 0.48 -0.76	53.67 0.30 -0.93	46.80 -0.29 -0.33	49.16 -0.57 -0.55	40.39 -0.57 -0.14	34.39 -0.69 0.00	24.27 -0.29 0.00	27.08 -0.21 0.00	25.58 -0.33 0.00
SOUTH CAIRO___GT 23612	25.47 1.57 0.00	25.39 1.61 0.00	22.33 1.44 0.00	21.90 1.39 0.00	21.00 1.28 0.00	25.90 1.54 0.00	27.78 1.61 0.00	29.46 1.62 0.00	26.62 1.23 0.00	27.46 1.08 0.00	30.43 1.29 0.07	31.19 1.61 0.05	34.72 1.86 0.22	46.08 2.29 0.09	49.19 2.18 0.00	48.74 2.33 0.00	55.16 2.72 0.00	49.85 3.08 0.00	53.11 3.93 0.00	44.41 3.59 0.00	39.03 3.11 -0.84	33.81 2.00 -7.25	30.46 2.10 -1.07	27.80 1.79 -0.11
SOUTH HAMPTN___IC 23720	27.35 1.85 -1.60	27.21 1.83 -1.61	22.43 1.54 0.00	22.03 1.52 0.00	21.07 1.35 0.00	25.94 1.58 0.00	27.82 1.65 0.00	29.68 1.83 0.00	27.11 1.72 0.00	28.37 1.98 0.00	37.54 2.99 -5.34	41.52 3.75 -8.14	78.27 4.05 -41.14	58.80 5.10 -9.81	57.36 5.19 -5.16	55.14 5.45 -3.29	60.19 6.12 -1.63	154.80 5.56 -102.46	77.38 5.68 -22.52	66.03 4.47 -20.74	46.85 4.04 -7.74	90.34 2.39 -63.38	39.26 2.46 -9.50	28.94 2.16 -0.88
SOUTHDOW_115KV_TB1 355954	23.77 -0.13 0.00	23.54 -0.24 0.00	20.49 -0.40 0.00	20.22 -0.29 0.00	19.63 -0.08 0.00	24.77 0.40 0.00	26.86 0.69 0.00	28.71 0.86 0.00	26.29 0.90 0.00	27.78 1.39 0.00	31.47 2.25 0.00	32.02 2.39 0.00	35.70 2.62 0.00	46.97 3.09 0.00	50.31 3.30 0.00	49.24 2.84 0.00	54.96 2.52 0.00	47.72 0.95 0.00	49.89 0.71 0.00	40.74 -0.08 0.00	34.69 -0.39 0.00	24.79 0.23 0.00	28.20 0.90 0.00	26.74 0.84 0.00
SOUTHOLD_69_KV_BK 2 55809	27.42 1.92 -1.60	27.27 1.88 -1.61	22.47 1.57 0.00	22.05 1.54 0.00	21.09 1.37 0.00	25.98 1.61 0.00	27.90 1.72 0.00	29.78 1.94 0.00	27.24 1.86 0.00	28.58 2.19 0.00	37.80 3.24 -5.34	42.02 4.26 -8.14	78.68 4.46 -41.14	59.29 5.60 -9.81	57.01 4.83 -5.16	54.83 5.14 -3.29	59.88 5.81 -1.63	154.57 5.33 -102.47	77.10 5.37 -22.55	65.73 4.13 -20.79	47.12 4.30 -7.74	90.57 2.63 -63.38	39.49 2.69 -9.50	29.07 2.28 -0.88
SOUTHOLD___IC 23719	27.42 1.92 -1.60	27.27 1.89 -1.61	22.47 1.58 0.00	22.05 1.54 0.00	21.09 1.37 0.00	25.98 1.62 0.00	27.89 1.72 0.00	29.78 1.94 0.00	27.24 1.85 0.00	28.58 2.19 0.00	37.80 3.24 -5.34	42.02 4.25 -8.14	78.68 4.46 -41.14	59.29 5.60 -9.81	57.01 4.83 -5.16	54.83 5.14 -3.29	59.88 5.81 -1.63	154.57 5.33 -102.47	77.09 5.37 -22.55	65.74 4.13 -20.79	47.11 4.30 -7.74	90.57 2.62 -63.38	39.49 2.69 -9.50	29.07 2.28 -0.88
SOUTH_FORK_WT_PWR 323839	27.17 1.67 -1.60	27.02 1.64 -1.61	22.25 1.35 0.00	21.84 1.33 0.00	20.89 1.17 0.00	25.71 1.35 0.00	27.62 1.45 0.00	29.49 1.65 0.00	27.00 1.61 0.00	28.31 1.92 0.00	37.50 2.95 -5.34	41.88 4.11 -8.14	78.35 4.13 -41.14	58.90 5.21 -9.81	57.05 4.88 -5.16	54.87 5.18 -3.29	59.91 5.84 -1.63	154.58 5.34 -102.47	77.08 5.37 -22.54	65.70 4.12 -20.76	46.81 4.00 -7.74	90.30 2.35 -63.38	39.18 2.39 -9.50	28.80 2.01 -0.88
SPIERFLS_115KV_TB 1 80737	25.22 1.32 0.00	24.95 1.18 0.00	21.88 0.99 0.00	21.50 0.99 0.00	20.58 0.86 0.00	25.47 1.11 0.00	27.45 1.28 0.00	29.12 1.28 0.00	26.40 1.01 0.00	27.50 1.11 0.00	30.06 1.02 0.17	31.67 1.27 -0.76	37.75 1.20 -3.48	45.29 1.64 0.23	48.58 1.56 0.00	48.00 1.59 0.00	54.35 1.91 0.00	49.13 2.36 0.00	52.27 3.10 0.00	43.53 2.71 0.00	38.98 2.38 -1.51	37.85 1.48 -11.81	30.68 1.64 -1.74	27.43 1.34 -0.18
ST LAWRENCE____ 23600	-20.71 -0.48 44.14	-6.67 -0.42 30.03	-7.94 -0.35 28.48	20.15 -0.36 0.00	19.38 -0.34 0.00	23.94 -0.42 0.00	25.79 -0.38 0.00	27.48 -0.37 0.00	32.26 -0.37 -7.24	25.88 -0.50 0.00	28.42 -0.79 0.00	28.46 -1.17 0.00	31.84 -1.24 0.00	33.93 -1.26 8.69	45.87 -1.15 0.00	45.03 -1.37 0.00	50.96 -1.48 0.00	45.53 -1.24 0.00	47.72 -1.46 0.00	39.67 -1.15 0.00	30.66 -0.94 3.47	23.93 -0.63 0.00	26.61 -0.69 0.00	25.35 -0.56 0.00
STATE_CA_115KV_115_LB 55624	24.66 0.76 0.00	24.57 0.79 0.00	21.63 0.74 0.00	21.22 0.71 0.00	20.35 0.63 0.00	25.06 0.70 0.00	26.85 0.68 0.00	28.51 0.66 0.00	25.91 0.52 0.00	26.91 0.52 0.00	29.77 0.73 0.17	31.53 1.07 -0.84	38.02 1.19 -3.76	45.03 1.37 0.22	48.35 1.34 0.00	47.78 1.38 0.00	53.97 1.53 0.00	48.45 1.68 0.00	51.14 1.97 0.00	42.42 1.60 0.00	38.10 1.41 -1.61	37.94 0.84 -12.54	30.08 0.94 -1.85	26.89 0.79 -0.19
STATE_ST_34_KV_LOAD 55959	23.98 0.08 0.00	23.83 0.05 0.00	20.89 -0.01 0.00	20.54 0.03 0.00	19.81 0.09 0.00	24.54 0.17 0.00	26.41 0.23 0.00	28.05 0.20 0.00	24.65 0.40 1.13	26.89 0.50 0.00	29.92 0.71 0.00	30.42 0.79 0.00	33.84 0.76 0.00	44.37 0.48 0.00	48.30 0.68 -0.61	50.38 0.84 -3.13	57.41 1.13 -3.84	48.63 0.51 -1.35	51.99 0.52 -2.29	41.83 0.42 -0.58	35.16 0.08 0.00	24.80 0.24 -0.01	27.57 0.28 0.00	26.05 0.14 0.00

STATION 5_MISC_HYD 23604	23.67 -0.23 0.00	23.49 -0.29 0.00	20.57 -0.33 0.00	20.24 -0.27 0.00	19.57 -0.14 0.00	24.27 -0.09 0.00	26.02 -0.16 0.00	27.66 -0.19 0.00	25.21 -0.18 0.00	26.51 0.12 0.00	29.72 0.50 0.00	30.33 0.70 0.00	33.76 0.68 0.00	44.15 0.27 0.00	47.54 0.53 0.00	46.82 0.42 0.00	52.50 0.06 0.00	46.18 -0.59 0.00	48.20 -0.98 0.00	39.89 -0.93 0.00	34.09 -0.99 0.00	24.14 -0.42 0.00	27.06 -0.24 0.00	23.27 -0.33 2.32
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.87 -0.03 0.00	23.67 -0.11 0.00	20.72 -0.17 0.00	20.39 -0.12 0.00	19.70 -0.02 0.00	24.45 0.09 0.00	26.27 0.10 0.00	28.00 0.16 0.00	25.54 0.16 0.00	26.81 0.42 0.00	30.00 0.78 0.00	30.63 1.01 0.00	34.06 0.99 0.00	44.67 0.79 0.00	48.21 1.03 -0.16	48.26 1.05 -0.81	54.35 0.92 -0.99	47.31 0.19 -0.35	49.67 -0.09 -0.59	40.79 -0.19 -0.15	34.71 -0.36 0.00	24.52 -0.04 0.00	27.37 0.07 0.00	25.86 -0.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.56 -0.35 0.00	23.38 -0.40 0.00	20.47 -0.42 0.00	20.15 -0.36 0.00	19.47 -0.25 0.00	24.15 -0.22 0.00	25.88 -0.29 0.00	27.55 -0.30 0.00	25.11 -0.28 0.00	26.41 0.02 0.00	29.60 0.38 0.00	30.17 0.54 0.00	33.60 0.52 0.00	43.97 0.09 0.00	47.36 0.35 0.00	46.65 0.24 0.00	52.34 -0.10 0.00	46.06 -0.71 0.00	48.06 -1.11 0.00	39.78 -1.04 0.00	33.99 -1.09 0.00	24.04 -0.52 0.00	26.93 -0.37 0.00	25.47 -0.44 0.00
STA_56____34_KV_BUS2 355983	23.56 -0.35 0.00	23.38 -0.40 0.00	20.47 -0.42 0.00	20.15 -0.36 0.00	19.47 -0.25 0.00	24.15 -0.22 0.00	25.88 -0.29 0.00	27.55 -0.30 0.00	25.11 -0.28 0.00	26.41 0.02 0.00	29.60 0.38 0.00	30.17 0.54 0.00	33.60 0.52 0.00	43.97 0.09 0.00	47.36 0.35 0.00	46.65 0.24 0.00	52.34 -0.10 0.00	46.06 -0.71 0.00	48.06 -1.11 0.00	39.78 -1.04 0.00	33.99 -1.09 0.00	24.04 -0.52 0.00	26.93 -0.37 0.00	25.47 -0.44 0.00
STA_67____115KV_BK2 355882	23.60 -0.30 0.00	23.43 -0.35 0.00	20.51 -0.38 0.00	20.19 -0.32 0.00	19.52 -0.20 0.00	24.21 -0.16 0.00	25.93 -0.24 0.00	27.58 -0.26 0.00	25.14 -0.26 0.00	26.43 0.04 0.00	29.61 0.40 0.00	30.19 0.56 0.00	33.62 0.54 0.00	43.99 0.11 0.00	47.36 0.35 0.00	46.65 0.24 0.00	52.33 -0.11 0.00	46.03 -0.74 0.00	48.04 -1.13 0.00	39.77 -1.05 0.00	33.99 -1.09 0.00	24.06 -0.50 0.00	26.97 -0.32 0.00	25.52 -0.39 0.00
STA_7____115KV_9TRANS 80674	23.81 -0.10 0.00	23.63 -0.15 0.00	20.68 -0.21 0.00	20.35 -0.16 0.00	19.68 -0.04 0.00	24.40 0.04 0.00	26.15 -0.03 0.00	27.82 -0.02 0.00	25.36 -0.03 0.00	26.69 0.30 0.00	29.93 0.72 0.00	30.53 0.90 0.00	34.00 0.93 0.00	44.51 0.62 0.00	47.94 0.92 0.00	47.22 0.81 0.00	52.95 0.50 0.00	46.55 -0.22 0.00	48.57 -0.61 0.00	40.19 -0.64 0.00	34.32 -0.75 0.00	24.29 -0.27 0.00	27.21 -0.08 0.00	25.73 -0.18 0.00
STA_82____115KV_TB1 80780	23.61 -0.29 0.00	23.44 -0.34 0.00	20.53 -0.36 0.00	20.20 -0.31 0.00	19.53 -0.18 0.00	24.22 -0.14 0.00	25.95 -0.22 0.00	27.60 -0.25 0.00	25.14 -0.25 0.00	26.44 0.05 0.00	29.63 0.41 0.00	30.20 0.58 0.00	33.63 0.56 0.00	44.01 0.13 0.00	47.39 0.38 0.00	46.68 0.28 0.00	52.36 -0.07 0.00	46.07 -0.70 0.00	48.06 -1.11 0.00	39.79 -1.03 0.00	34.01 -1.07 0.00	24.07 -0.49 0.00	26.99 -0.30 0.00	25.53 -0.37 0.00
STEEL____WIND 323596	23.24 -0.66 0.00	23.01 -0.77 0.00	20.09 -0.80 0.00	19.82 -0.69 0.00	19.23 -0.49 0.00	23.95 -0.42 0.00	25.70 -0.48 0.00	27.31 -0.54 0.00	24.88 -0.51 0.00	26.29 -0.10 0.00	29.59 0.38 0.00	30.20 0.57 0.00	33.64 0.56 0.00	43.90 0.01 0.00	47.21 0.19 0.00	46.34 -0.07 0.00	51.74 -0.70 0.00	45.17 -1.61 0.00	47.12 -2.05 0.00	38.91 -1.91 0.00	33.20 -1.88 0.00	23.68 -0.88 0.00	26.73 -0.57 0.00	20.01 -0.56 5.33
STEPHTWN_115KV_BK_2 55603	24.74 0.84 0.00	24.64 0.86 0.00	21.67 0.78 0.00	21.26 0.75 0.00	20.38 0.66 0.00	25.15 0.78 0.00	26.98 0.81 0.00	28.70 0.86 0.00	26.10 0.72 0.00	27.01 0.62 0.00	29.87 0.81 0.16	31.64 1.16 -0.86	38.27 1.34 -3.85	45.32 1.65 0.21	48.61 1.59 0.00	48.11 1.71 0.00	54.38 1.95 0.00	48.75 1.98 0.00	51.52 2.35 0.00	42.68 1.86 0.00	38.47 1.77 -1.63	38.28 1.06 -12.66	30.24 1.08 -1.87	27.01 0.91 -0.19
STEUBEN_REC_LFGE 323667	23.10 -0.80 0.00	22.87 -0.91 0.00	19.87 -1.02 0.00	19.50 -1.01 0.00	18.89 -0.83 0.00	23.77 -0.59 0.00	25.78 -0.39 0.00	27.83 -0.01 0.00	25.35 -0.04 0.00	26.70 0.31 0.00	30.23 1.02 0.00	30.85 1.23 0.00	34.14 1.06 0.00	45.10 1.22 0.00	48.55 1.34 -0.20	49.01 1.60 -1.01	55.00 1.32 -1.23	47.19 -0.02 -0.43	49.88 -0.03 -0.73	40.87 -0.14 -0.19	34.64 -0.44 0.00	24.56 0.00 0.00	27.63 0.34 0.00	26.18 0.28 0.00
STILLWATER____SOLAR 323814	25.20 1.29 0.00	25.00 1.23 0.00	21.96 1.07 0.00	21.56 1.05 0.00	20.68 0.96 0.00	25.54 1.17 0.00	27.45 1.27 0.00	29.11 1.27 0.00	26.44 1.05 0.00	27.49 1.11 0.00	30.24 1.21 0.19	31.86 1.46 -0.78	38.11 1.52 -3.52	45.58 1.95 0.25	48.98 1.97 0.00	48.38 1.97 0.00	54.75 2.31 0.00	49.33 2.56 0.00	52.25 3.07 0.00	43.44 2.62 0.00	38.94 2.30 -1.56	38.17 1.45 -12.16	30.69 1.60 -1.80	27.43 1.34 -0.18
STONY____BROOK 24151	27.33 1.83 -1.60	27.22 1.83 -1.61	22.45 1.56 0.00	22.05 1.54 0.00	21.09 1.37 0.00	25.97 1.60 0.00	27.79 1.62 0.00	29.62 1.78 0.00	26.97 1.58 0.00	28.18 1.79 0.00	37.34 2.79 -5.34	41.14 3.38 -8.14	77.97 3.70 -41.18	58.35 4.65 -9.81	57.03 4.85 -5.16	54.69 4.99 -3.29	59.88 5.52 -1.92	155.93 5.01 -104.15	84.33 5.18 -29.98	78.04 4.24 -32.99	46.52 3.71 -7.74	90.13 2.19 -63.38	39.07 2.27 -9.50	28.84 2.05 -0.88
STURGEON_POOL_HYD 23609	25.26 1.35 0.00	24.99 1.22 0.00	21.97 1.08 0.00	21.55 1.04 0.00	20.68 0.97 0.00	25.53 1.17 0.00	27.41 1.24 0.00	29.20 1.35 0.00	26.73 1.34 0.00	27.89 1.51 0.00	31.31 2.02 -0.08	32.22 2.53 -0.06	36.29 2.94 -0.27	47.56 3.57 -0.11	50.71 3.69 0.00	50.36 3.96 0.00	56.85 4.41 0.00	50.65 3.88 0.00	53.22 4.05 0.00	44.09 3.26 0.00	37.89 2.81 0.00	26.25 1.69 0.00	29.07 1.78 0.00	27.42 1.52 0.00
ST_LAW_115_BK7_LBMP 345037	-20.40 -0.52 43.78	-6.45 -0.45 29.78	-7.74 -0.39 28.25	20.13 -0.38 0.00	19.36 -0.36 0.00	23.90 -0.47 0.00	25.74 -0.43 0.00	27.43 -0.42 0.00	33.84 -0.42 -8.87	25.83 -0.56 0.00	28.35 -0.87 0.00	28.36 -1.27 0.00	31.72 -1.35 0.00	33.89 -1.39 8.61	45.75 -1.26 0.00	44.89 -1.51 0.00	50.82 -1.62 0.00	45.41 -1.36 0.00	47.59 -1.59 0.00	39.56 -1.26 0.00	30.11 -1.04 3.93	23.88 -0.69 0.00	26.55 -0.75 0.00	25.30 -0.60 0.00
ST_LAW_115_BK8_LBMP 345038	-20.40 -0.52 43.78	-6.45 -0.45 29.78	-7.74 -0.39 28.25	20.13 -0.38 0.00	19.36 -0.36 0.00	23.90 -0.47 0.00	25.74 -0.43 0.00	27.43 -0.42 0.00	33.84 -0.42 -8.87	25.83 -0.56 0.00	28.35 -0.87 0.00	28.36 -1.27 0.00	31.72 -1.35 0.00	33.89 -1.39 8.61	45.75 -1.26 0.00	44.89 -1.51 0.00	50.82 -1.62 0.00	45.41 -1.36 0.00	47.59 -1.59 0.00	39.56 -1.26 0.00	30.11 -1.04 3.93	23.88 -0.69 0.00	26.55 -0.75 0.00	25.30 -0.60 0.00

ST_LAW_230_BK5_LBMP 345035	-21.27 -0.48 44.69	-7.04 -0.42 30.40	-8.30 -0.35 28.84	20.15 -0.36 0.00	19.38 -0.34 0.00	23.94 -0.42 0.00	25.79 -0.38 0.00	27.48 -0.37 0.00	30.33 -0.37 -5.31	25.88 -0.50 0.00	28.42 -0.79 0.00	28.46 -1.17 0.00	31.84 -1.24 0.00	33.84 -1.26 8.79	45.87 -1.15 0.00	45.03 -1.37 0.00	50.96 -1.48 0.00	45.53 -1.24 0.00	47.72 -1.46 0.00	39.67 -1.15 0.00	31.13 -0.94 3.01	23.93 -0.63 0.00	26.61 -0.69 0.00	25.35 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	-21.27 -0.48 44.69	-7.04 -0.42 30.40	-8.30 -0.35 28.84	20.15 -0.36 0.00	19.38 -0.34 0.00	23.94 -0.42 0.00	25.79 -0.38 0.00	27.48 -0.37 0.00	30.33 -0.37 -5.31	25.88 -0.50 0.00	28.42 -0.79 0.00	28.46 -1.17 0.00	31.84 -1.24 0.00	33.84 -1.26 8.79	45.87 -1.15 0.00	45.03 -1.37 0.00	50.96 -1.48 0.00	45.53 -1.24 0.00	47.72 -1.46 0.00	39.67 -1.15 0.00	31.13 -0.94 3.01	23.93 -0.63 0.00	26.61 -0.69 0.00	25.35 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.11 1.21 0.00	24.87 1.09 0.00	21.84 0.95 0.00	21.44 0.93 0.00	20.56 0.85 0.00	25.39 1.03 0.00	27.28 1.10 0.00	29.06 1.21 0.00	26.55 1.16 0.00	27.69 1.30 0.00	31.11 1.75 -0.15	25.95 2.21 5.89	8.92 2.50 26.66	47.14 3.05 -0.20	50.17 3.16 0.00	49.78 3.38 0.00	56.18 3.74 0.00	50.08 3.31 0.00	52.66 3.48 0.00	43.69 2.87 0.00	29.87 2.49 7.69	-37.48 1.51 63.55	19.36 1.61 9.54	26.43 1.39 0.87
SWANROAD_115KV_TB1 355699	23.01 -0.89 0.00	22.83 -0.95 0.00	19.98 -0.91 0.00	19.70 -0.81 0.00	19.12 -0.60 0.00	23.72 -0.64 0.00	25.34 -0.83 0.00	26.89 -0.95 0.00	24.42 -0.97 0.00	25.80 -0.58 0.00	29.00 -0.21 0.00	29.59 -0.04 0.00	32.99 -0.09 0.00	42.83 -1.06 0.00	46.20 -0.81 0.00	45.34 -1.07 0.00	50.67 -1.77 0.00	44.26 -2.51 0.00	46.08 -3.09 0.00	38.14 -2.68 0.00	32.55 -2.53 0.00	23.25 -1.31 0.00	26.38 -0.91 0.00	25.09 -0.81 0.00
SYNERGY___BIOGAS 323694	23.91 0.01 0.00	23.69 -0.09 0.00	20.70 -0.19 0.00	20.40 -0.11 0.00	19.78 0.06 0.00	24.56 0.20 0.00	26.33 0.16 0.00	28.02 0.17 0.00	25.44 0.05 0.00	26.77 0.38 0.00	30.06 0.85 0.00	30.84 1.21 0.00	34.38 1.30 0.00	44.67 0.79 0.00	48.35 1.34 0.00	47.61 1.20 0.00	53.23 0.79 0.00	46.57 -0.21 0.00	48.46 -0.72 0.00	40.01 -0.81 0.00	34.13 -0.95 0.00	24.28 -0.27 0.00	27.39 0.10 0.00	22.39 0.01 3.54
SYRACUSE___ENERGY_ST1 323597	23.79 -0.11 0.00	23.65 -0.13 0.00	20.74 -0.16 0.00	20.38 -0.13 0.00	19.63 -0.09 0.00	24.30 -0.07 0.00	26.13 -0.04 0.00	27.81 -0.04 0.00	23.85 0.00 1.54	26.48 0.09 0.00	29.48 0.26 0.00	30.05 0.42 0.00	33.48 0.40 0.00	44.13 0.25 0.00	48.02 0.29 -0.72	50.45 0.38 -3.67	57.31 0.37 -4.50	48.43 0.08 -1.58	51.87 0.02 -2.68	41.48 -0.02 -0.68	34.93 -0.15 0.00	24.55 -0.03 -0.01	27.28 -0.02 0.00	25.79 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	23.79 -0.11 0.00	23.65 -0.13 0.00	20.74 -0.16 0.00	20.38 -0.13 0.00	19.63 -0.09 0.00	24.30 -0.07 0.00	26.13 -0.04 0.00	27.81 -0.04 0.00	23.85 0.00 1.54	26.48 0.09 0.00	29.48 0.26 0.00	30.05 0.42 0.00	33.48 0.40 0.00	44.13 0.25 0.00	48.02 0.29 -0.72	50.45 0.38 -3.67	57.31 0.37 -4.50	48.43 0.08 -1.58	51.87 0.02 -2.68	41.48 -0.02 -0.68	34.93 -0.15 0.00	24.55 -0.03 -0.01	27.28 -0.02 0.00	25.79 -0.12 0.00
SYRACUSE___POWER 24017	23.73 -0.17 0.00	23.59 -0.19 0.00	20.69 -0.20 0.00	20.33 -0.18 0.00	19.57 -0.14 0.00	24.23 -0.13 0.00	26.04 -0.13 0.00	27.73 -0.11 0.00	23.75 -0.04 1.60	26.44 0.06 0.00	29.44 0.22 0.00	30.01 0.38 0.00	33.43 0.36 0.00	44.10 0.21 0.00	47.71 0.21 -0.48	49.19 0.30 -2.49	55.76 0.28 -3.05	47.83 -0.01 -1.07	50.90 -0.08 -1.81	41.16 -0.12 -0.46	34.87 -0.21 0.00	24.50 -0.07 -0.01	27.23 -0.06 0.00	25.75 -0.15 0.00
TALLMAN___138KV_BK151 55660	25.26 1.36 0.00	25.00 1.22 0.00	21.95 1.06 0.00	21.55 1.04 0.00	20.66 0.94 0.00	25.51 1.15 0.00	27.43 1.25 0.00	29.21 1.37 0.00	26.71 1.32 0.00	27.85 1.46 0.00	31.35 1.97 -0.16	24.09 2.48 8.02	-0.45 2.80 36.32	47.49 3.39 -0.22	50.53 3.52 0.00	50.16 3.75 0.00	56.55 4.11 0.00	50.40 3.62 0.00	52.94 3.77 0.00	43.91 3.09 0.00	28.48 2.70 9.30	-49.86 1.67 76.09	17.65 1.80 11.44	26.45 1.58 1.04
TEALLAVE_115KV_TB7 355573	23.65 -0.25 0.00	23.51 -0.27 0.00	20.62 -0.27 0.00	20.27 -0.24 0.00	19.52 -0.20 0.00	24.16 -0.20 0.00	25.97 -0.21 0.00	27.64 -0.20 0.00	23.47 -0.13 1.79	26.35 -0.04 0.00	29.32 0.11 0.00	29.89 0.27 0.00	33.30 0.23 0.00	43.92 0.04 0.00	47.43 0.02 -0.39	48.53 0.10 -2.03	54.99 0.06 -2.48	47.45 -0.19 -0.87	50.38 -0.27 -1.48	40.91 -0.29 -0.38	34.73 -0.35 0.00	24.42 -0.15 -0.01	27.15 -0.14 0.00	25.68 -0.23 0.00
TELGRAPH_34_KV_EAST 80808	23.32 -0.58 0.00	23.13 -0.65 0.00	20.23 -0.66 0.00	19.95 -0.56 0.00	19.34 -0.37 0.00	24.01 -0.35 0.00	25.68 -0.50 0.00	27.28 -0.57 0.00	24.79 -0.60 0.00	26.16 -0.23 0.00	29.39 0.18 0.00	30.00 0.38 0.00	33.47 0.39 0.00	43.48 -0.40 0.00	46.95 -0.07 0.00	46.13 -0.28 0.00	51.57 -0.88 0.00	45.07 -1.69 0.00	46.93 -2.24 0.00	38.81 -2.02 0.00	33.11 -1.97 0.00	23.62 -0.95 0.00	26.73 -0.56 0.00	25.38 -0.53 0.00
TEMPLE___115KV_TB 2 55572	23.67 -0.24 0.00	23.53 -0.25 0.00	20.63 -0.26 0.00	20.28 -0.23 0.00	19.52 -0.19 0.00	24.18 -0.19 0.00	25.98 -0.19 0.00	27.67 -0.18 0.00	23.53 -0.11 1.74	26.37 -0.02 0.00	29.35 0.14 0.00	29.92 0.30 0.00	33.34 0.26 0.00	43.96 0.08 0.00	47.48 0.07 -0.39	48.57 0.14 -2.02	55.02 0.11 -2.48	47.49 -0.15 -0.87	50.39 -0.25 -1.47	40.93 -0.27 -0.38	34.75 -0.33 0.00	24.43 -0.13 -0.01	27.17 -0.13 0.00	25.69 -0.21 0.00
TIANA___69_KV_BK 1 55817	27.35 1.85 -1.60	27.22 1.83 -1.61	22.43 1.54 0.00	22.03 1.52 0.00	21.07 1.36 0.00	25.95 1.58 0.00	27.82 1.65 0.00	29.67 1.83 0.00	27.09 1.69 0.00	28.34 1.95 0.00	37.50 2.95 -5.34	41.42 3.66 -8.14	78.20 3.98 -41.14	58.71 5.01 -9.81	57.29 5.12 -5.16	55.09 5.39 -3.29	60.12 6.05 -1.63	154.76 5.52 -102.47	77.38 5.66 -22.55	66.05 4.45 -20.78	46.81 4.00 -7.74	90.33 2.38 -63.38	39.25 2.45 -9.50	28.94 2.15 -0.88
TILDEN___115KV_TB1 80814	23.73 -0.17 0.00	23.59 -0.19 0.00	20.69 -0.20 0.00	20.33 -0.18 0.00	19.57 -0.14 0.00	24.23 -0.13 0.00	26.04 -0.13 0.00	27.73 -0.11 0.00	23.75 -0.04 1.60	26.44 0.06 0.00	29.44 0.22 0.00	30.01 0.38 0.00	33.43 0.36 0.00	44.10 0.21 0.00	47.71 0.21 -0.48	49.19 0.30 -2.49	55.76 0.28 -3.05	47.83 -0.01 -1.07	50.90 -0.08 -1.81	41.16 -0.12 -0.46	34.87 -0.21 0.00	24.50 -0.07 -0.01	27.23 -0.06 0.00	25.75 -0.15 0.00
TRIGEN___CC 323695	27.24 1.74 -1.60	27.09 1.71 -1.61	22.36 1.47 0.00	21.96 1.45 0.00	21.03 1.31 0.00	25.92 1.56 0.00	27.80 1.63 0.00	29.62 1.77 0.00	27.07 1.68 0.00	28.25 1.86 0.00	37.20 2.65 -5.34	40.96 3.20 -8.14	81.42 3.58 -44.76	58.04 4.35 -9.81	56.64 4.47 -5.16	54.32 4.63 -3.28	60.55 5.15 -2.96	161.87 4.62 -110.48	63.79 4.72 -9.90	44.60 3.78 0.00	46.15 3.34 -7.73	90.01 2.06 -63.38	39.00 2.20 -9.50	28.78 1.99 -0.88

TRINITY__115KV__4 BK 55933	24.55 0.64 0.00	24.46 0.68 0.00	21.55 0.66 0.00	21.14 0.63 0.00	20.27 0.55 0.00	24.95 0.58 0.00	26.72 0.55 0.00	28.35 0.51 0.00	25.76 0.37 0.00	26.73 0.35 0.00	29.55 0.50 0.16	31.27 0.78 -0.86	37.75 0.81 -3.86	44.54 0.87 0.21	47.82 0.81 0.00	47.35 0.94 0.00	53.54 1.10 0.00	47.94 1.17 0.00	50.60 1.43 0.00	42.08 1.26 0.00	37.90 1.19 -1.63	37.96 0.70 -12.70	29.95 0.78 -1.87	26.76 0.67 -0.19
UNION__PROCESSING_DRP 323587	23.62 -0.28 0.00	23.44 -0.34 0.00	20.53 -0.36 0.00	20.21 -0.30 0.00	19.54 -0.18 0.00	24.23 -0.14 0.00	25.96 -0.21 0.00	27.61 -0.24 0.00	25.15 -0.24 0.00	26.45 0.07 0.00	29.64 0.43 0.00	30.22 0.59 0.00	33.66 0.57 0.00	44.02 0.14 0.00	47.41 0.40 0.00	46.69 0.29 0.00	52.39 -0.05 0.00	46.08 -0.69 0.00	48.09 -1.08 0.00	39.81 -1.01 0.00	34.01 -1.07 0.00	24.08 -0.48 0.00	27.00 -0.30 0.00	25.54 -0.37 0.00
UPPER HUDSON__HYD 24058	25.22 1.32 0.00	24.95 1.17 0.00	21.88 0.99 0.00	21.50 0.99 0.00	20.58 0.86 0.00	25.47 1.11 0.00	27.45 1.28 0.00	29.12 1.28 0.00	26.40 1.01 0.00	27.50 1.11 0.00	30.06 1.02 0.17	31.66 1.27 -0.76	37.75 1.20 -3.48	45.29 1.64 0.23	48.58 1.56 0.00	48.00 1.59 0.00	54.35 1.91 0.00	49.13 2.36 0.00	52.27 3.10 0.00	43.53 2.71 0.00	38.98 2.39 -1.51	37.85 1.48 -11.81	30.68 1.64 -1.74	27.43 1.34 -0.18
UPPER RAQUET__HYD 24056	-11.79 -0.78 34.91	-0.64 -0.67 23.75	-2.20 -0.56 22.53	20.00 -0.51 0.00	19.16 -0.55 0.00	23.69 -0.68 0.00	25.46 -0.71 0.00	26.96 -0.88 0.00	-37.52 -0.93 61.98	25.42 -0.97 0.00	27.88 -1.34 0.00	27.74 -1.89 0.00	30.73 -2.35 0.00	34.35 -2.67 6.86	44.66 -2.48 -0.12	44.34 -2.70 -0.64	50.46 -2.75 -0.78	44.93 -2.12 -0.27	47.26 -2.38 -0.46	38.91 -2.03 -0.12	20.47 -1.70 12.91	23.62 -0.94 0.00	26.29 -1.01 0.00	25.11 -0.79 0.00
VALLEY44_115KV_TB2 355964	23.35 -0.55 0.00	23.10 -0.67 0.00	20.19 -0.70 0.00	19.95 -0.56 0.00	19.31 -0.41 0.00	24.12 -0.25 0.00	25.92 -0.26 0.00	27.54 -0.30 0.00	25.14 -0.25 0.00	26.45 0.06 0.00	29.75 0.54 0.00	30.11 0.49 0.00	33.48 0.40 0.00	44.00 0.12 0.00	47.08 0.06 0.00	46.26 -0.14 0.00	51.75 -0.69 0.00	45.14 -1.64 0.00	47.30 -1.87 0.00	39.13 -1.69 0.00	33.30 -1.78 0.00	23.87 -0.69 0.00	26.82 -0.47 0.00	25.40 -0.50 0.00
VALLEY__115KV_TB 1-4 80826	26.29 0.14 -2.25	25.44 0.13 -1.53	22.53 0.18 -1.45	20.71 0.20 0.00	19.93 0.21 0.00	24.63 0.27 0.00	26.40 0.22 0.00	28.08 0.24 0.00	24.16 0.16 1.40	26.51 0.13 0.00	29.38 0.17 0.00	29.98 0.35 0.00	33.57 0.49 0.00	44.99 0.67 -0.44	47.46 0.45 0.00	46.89 0.49 0.00	53.05 0.61 0.00	47.86 1.09 0.00	50.65 1.47 0.00	41.96 1.14 0.00	38.62 0.75 -2.78	25.09 0.54 0.00	27.91 0.62 0.00	26.38 0.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.73 0.83 0.00	24.56 0.78 0.00	21.57 0.68 0.00	21.20 0.69 0.00	20.38 0.66 0.00	25.23 0.87 0.00	27.12 0.94 0.00	28.87 1.02 0.00	26.38 0.99 0.00	27.53 1.14 0.00	30.65 1.44 0.00	31.29 1.66 0.00	34.97 1.89 0.00	46.20 2.32 0.00	49.53 2.40 -0.12	49.57 2.54 -0.63	56.09 2.88 -0.77	49.43 2.39 -0.27	52.21 2.58 -0.46	43.10 2.16 -0.12	36.28 1.75 0.54	21.10 1.20 4.66	27.88 1.27 0.69	26.92 1.08 0.07
VISCHER__FERRY HYD 24020	24.92 1.02 0.00	24.79 1.01 0.00	21.80 0.91 0.00	21.39 0.88 0.00	20.52 0.80 0.00	25.29 0.93 0.00	27.12 0.95 0.00	28.76 0.92 0.00	26.12 0.73 0.00	27.13 0.74 0.00	29.82 0.83 0.23	31.59 1.15 -0.81	37.96 1.22 -3.67	45.00 1.43 0.31	48.45 1.44 0.00	47.88 1.47 0.00	54.09 1.66 0.00	48.66 1.89 0.00	51.50 2.32 0.00	42.77 1.95 0.00	38.52 1.76 -1.68	38.78 1.08 -13.14	30.45 1.22 -1.94	27.13 1.02 -0.20
V_A_10_SYNC_DSASP 323832	23.04 -0.86 0.00	22.86 -0.91 0.00	20.02 -0.87 0.00	19.74 -0.77 0.00	19.12 -0.60 0.00	23.73 -0.64 0.00	25.37 -0.80 0.00	26.91 -0.94 0.00	24.48 -0.91 0.00	25.81 -0.58 0.00	28.94 -0.27 0.00	29.52 -0.11 0.00	32.87 -0.21 0.00	42.76 -1.12 0.00	46.05 -0.96 0.00	45.20 -1.20 0.00	50.64 -1.80 0.00	44.38 -2.39 0.00	46.33 -2.85 0.00	38.37 -2.45 0.00	32.79 -2.28 0.00	23.35 -1.21 0.00	26.35 -0.95 0.00	21.12 -0.93 3.86
V_CMM_10_SYNC_DSASP 323787	-20.30 -0.42 43.78	-6.35 -0.34 29.78	-7.65 -0.29 28.25	20.23 -0.28 0.00	19.45 -0.27 0.00	24.01 -0.35 0.00	25.87 -0.30 0.00	27.56 -0.28 0.00	33.96 -0.30 -8.87	25.96 -0.43 0.00	28.49 -0.72 0.00	28.51 -1.12 0.00	31.90 -1.18 0.00	34.11 -1.16 8.61	45.98 -1.03 0.00	45.13 -1.28 0.00	51.08 -1.37 0.00	45.62 -1.15 0.00	47.80 -1.37 0.00	39.73 -1.09 0.00	30.28 -0.87 3.93	23.99 -0.57 0.00	26.67 -0.63 0.00	25.42 -0.49 0.00
V_CMP_10_SYNC_DSASP 323788	-20.58 -0.63 43.84	-6.78 -0.73 29.83	-8.13 -0.73 28.29	19.92 -0.59 0.00	19.21 -0.51 0.00	24.04 -0.32 0.00	26.08 -0.09 0.00	28.03 0.19 0.00	25.51 0.11 0.00	26.11 -0.28 0.00	28.70 -0.52 0.00	28.59 -1.04 0.00	31.97 -1.10 0.00	34.30 -0.96 8.62	46.32 -0.70 0.00	45.79 -0.62 0.00	52.04 -0.40 0.00	46.65 -0.12 0.00	48.96 -0.22 0.00	41.01 0.19 0.00	31.23 0.01 3.86	24.55 -0.01 0.00	27.27 -0.02 0.00	25.40 -0.50 0.00
V_D_10_SYNC_DSASP 323841	-18.93 -0.46 42.37	-5.42 -0.37 28.82	-6.75 -0.31 27.34	20.23 -0.28 0.00	19.43 -0.29 0.00	23.98 -0.38 0.00	25.83 -0.34 0.00	27.49 -0.36 0.00	39.38 -0.39 -14.38	25.91 -0.48 0.00	28.43 -0.79 0.00	28.43 -1.20 0.00	31.76 -1.31 0.00	34.22 -1.33 8.33	45.83 -1.18 0.00	44.95 -1.45 0.00	50.94 -1.50 0.00	45.56 -1.21 0.00	47.74 -1.43 0.00	39.62 -1.20 0.00	28.78 -0.94 5.36	23.97 -0.59 0.00	26.66 -0.64 0.00	25.42 -0.49 0.00
V_E_10_SYNC_DSASP 323830	24.73 0.82 0.00	24.69 0.91 0.00	21.77 0.88 0.00	21.42 0.91 0.00	20.59 0.87 0.00	25.73 1.37 0.00	27.86 1.69 0.00	29.85 2.01 0.00	27.45 2.06 0.00	28.36 1.98 0.00	31.40 2.18 0.00	32.10 2.47 0.00	35.74 2.66 0.00	46.92 3.04 0.00	50.54 3.25 -0.28	51.60 3.74 -1.46	59.40 5.18 -1.78	51.97 4.57 -0.63	55.26 5.03 -1.06	45.00 3.91 -0.27	37.78 2.70 0.00	26.73 2.17 0.00	29.67 2.38 0.00	29.10 2.01 -1.18
V_F_30_NSYNC__DSASP 323816	25.21 1.31 0.00	25.02 1.25 0.00	21.98 1.09 0.00	21.58 1.07 0.00	20.70 0.98 0.00	25.56 1.20 0.00	27.48 1.30 0.00	29.15 1.31 0.00	26.50 1.11 0.00	27.57 1.18 0.00	30.33 1.30 0.18	31.94 1.55 -0.77	38.21 1.63 -3.50	45.73 2.09 0.24	49.13 2.12 0.00	48.53 2.13 0.00	54.91 2.47 0.00	49.44 2.67 0.00	52.34 3.16 0.00	43.51 2.69 0.00	38.97 2.35 -1.54	38.05 1.49 -12.00	30.70 1.63 -1.77	27.45 1.37 -0.18
V_F_30_SYNC_DSASP 323786	24.66 0.75 0.00	24.56 0.78 0.00	21.63 0.74 0.00	21.22 0.71 0.00	20.35 0.63 0.00	25.06 0.70 0.00	26.85 0.68 0.00	28.50 0.65 0.00	25.91 0.52 0.00	26.91 0.52 0.00	29.77 0.72 0.17	31.53 1.07 -0.84	38.02 1.18 -3.76	45.02 1.35 0.22	48.34 1.33 0.00	47.77 1.37 0.00	53.96 1.52 0.00	48.44 1.66 0.00	51.14 1.96 0.00	42.41 1.59 0.00	38.09 1.41 -1.61	37.95 0.84 -12.55	30.08 0.94 -1.85	26.89 0.79 -0.19

V_XM10_SYNC_DSASP 323789	-20.58 -0.63 43.84	-6.78 -0.73 29.83	-8.13 -0.73 28.29	19.92 -0.59 0.00	19.21 -0.51 0.00	24.04 -0.32 0.00	26.08 -0.09 0.00	28.03 0.19 0.00	25.51 0.11 0.00	26.11 -0.28 0.00	28.70 -0.52 0.00	28.59 -1.04 0.00	31.97 -1.10 0.00	34.30 -0.96 8.62	46.32 -0.70 0.00	45.79 -0.62 0.00	52.04 -0.40 0.00	46.65 -0.12 0.00	48.96 -0.22 0.00	41.01 0.19 0.00	31.23 0.01 3.86	24.55 -0.01 0.00	27.27 -0.02 0.00	25.40 -0.50 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.35 1.45 0.00	25.10 1.32 0.00	22.04 1.15 0.00	21.63 1.12 0.00	20.74 1.02 0.00	25.61 1.25 0.00	27.53 1.36 0.00	29.32 1.48 0.00	26.81 1.42 0.00	27.96 1.57 0.00	31.47 2.09 -0.17	23.66 2.60 8.57	-2.76 2.95 38.79	47.70 3.60 -0.22	50.76 3.74 0.00	50.38 3.97 0.00	56.82 4.38 0.00	50.63 3.86 0.00	53.20 4.02 0.00	44.11 3.28 0.00	28.24 2.86 9.70	-52.52 1.76 78.84	17.34 1.90 11.85	26.50 1.67 1.08
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.56 1.65 0.00	25.29 1.51 0.00	22.22 1.33 0.00	21.80 1.29 0.00	20.91 1.19 0.00	25.80 1.44 0.00	27.71 1.54 0.00	29.55 1.70 0.00	27.07 1.68 0.00	28.29 1.90 0.00	31.89 2.49 -0.18	39.28 3.08 -6.58	65.76 3.48 -29.20	48.30 4.18 -0.24	51.26 4.25 0.00	50.81 4.41 0.00	57.32 4.88 0.00	51.03 4.26 0.00	53.60 4.42 0.00	44.40 3.57 0.00	45.96 3.18 -7.70	89.70 1.99 -63.16	38.94 2.18 -9.47	28.71 1.93 -0.88
W50THST__13_KV_LOAD 356117	25.67 1.77 0.00	25.41 1.63 0.00	22.34 1.45 0.00	21.92 1.41 0.00	21.02 1.30 0.00	25.95 1.58 0.00	27.88 1.71 0.00	29.76 1.92 0.00	27.28 1.89 0.00	28.54 2.15 0.00	32.19 2.79 -0.18	39.63 3.42 -6.58	66.12 3.84 -29.20	48.76 4.64 -0.24	51.73 4.71 0.00	51.26 4.86 0.00	57.82 5.38 0.00	51.46 4.69 0.00	54.00 4.83 0.00	44.72 3.90 0.00	46.23 3.46 -7.70	89.86 2.14 -63.16	39.08 2.32 -9.47	28.84 2.05 -0.88
WADING RIVER_IC_1 23522	27.11 1.61 -1.60	26.98 1.60 -1.61	22.24 1.35 0.00	21.84 1.33 0.00	20.89 1.17 0.00	25.71 1.35 0.00	27.55 1.38 0.00	29.37 1.53 0.00	26.79 1.40 0.00	27.99 1.60 0.00	37.10 2.55 -5.34	40.93 3.17 -8.14	77.69 3.47 -41.14	58.04 4.35 -9.81	56.63 4.45 -5.16	54.41 4.72 -3.29	59.36 5.30 -1.62	154.07 4.87 -102.43	76.58 5.01 -22.39	65.32 3.97 -20.53	46.35 3.54 -7.74	90.01 2.07 -63.38	38.92 2.12 -9.50	28.65 1.86 -0.88
WADING RIVER_IC_2 23547	27.11 1.61 -1.60	26.98 1.60 -1.61	22.24 1.35 0.00	21.84 1.33 0.00	20.89 1.17 0.00	25.71 1.35 0.00	27.55 1.38 0.00	29.37 1.53 0.00	26.79 1.40 0.00	27.99 1.60 0.00	37.10 2.55 -5.34	40.93 3.17 -8.14	77.69 3.47 -41.14	58.04 4.35 -9.81	56.63 4.45 -5.16	54.41 4.72 -3.29	59.36 5.30 -1.62	154.07 4.87 -102.43	76.58 5.01 -22.39	65.32 3.97 -20.53	46.35 3.54 -7.74	90.01 2.07 -63.38	38.92 2.12 -9.50	28.65 1.86 -0.88
WADING RIVER_IC_3 23601	27.11 1.61 -1.60	26.98 1.60 -1.61	22.24 1.35 0.00	21.84 1.33 0.00	20.89 1.17 0.00	25.71 1.35 0.00	27.55 1.38 0.00	29.37 1.53 0.00	26.79 1.40 0.00	27.99 1.60 0.00	37.10 2.55 -5.34	40.93 3.17 -8.14	77.69 3.47 -41.14	58.04 4.35 -9.81	56.63 4.45 -5.16	54.41 4.72 -3.29	59.36 5.30 -1.62	154.07 4.87 -102.43	76.58 5.01 -22.39	65.32 3.97 -20.53	46.35 3.54 -7.74	90.01 2.07 -63.38	38.92 2.12 -9.50	28.65 1.86 -0.88
WALDENNY_12_KV_BK2 80841	23.27 -0.64 0.00	23.05 -0.72 0.00	20.15 -0.75 0.00	19.87 -0.64 0.00	19.26 -0.45 0.00	23.98 -0.39 0.00	25.69 -0.48 0.00	27.32 -0.53 0.00	24.90 -0.49 0.00	26.34 -0.05 0.00	29.66 0.45 0.00	30.23 0.60 0.00	33.67 0.59 0.00	43.94 0.06 0.00	47.27 0.26 0.00	46.39 -0.01 0.00	51.79 -0.65 0.00	45.19 -1.58 0.00	47.09 -2.08 0.00	38.93 -1.89 0.00	33.17 -1.91 0.00	23.67 -0.89 0.00	26.75 -0.54 0.00	25.38 -0.53 0.00
WALDEN__HYDRO 24148	25.27 1.37 0.00	25.02 1.25 0.00	21.98 1.09 0.00	21.56 1.05 0.00	20.69 0.97 0.00	25.55 1.18 0.00	27.43 1.26 0.00	29.22 1.37 0.00	26.70 1.31 0.00	27.84 1.45 0.00	31.27 1.91 -0.14	30.39 2.40 1.63	28.40 2.72 7.40	47.42 3.36 -0.19	50.49 3.47 0.00	50.12 3.72 0.00	56.63 4.19 0.00	50.52 3.75 0.00	53.13 3.95 0.00	44.09 3.27 0.00	33.79 2.81 4.10	-9.41 1.59 35.56	23.66 1.69 5.33	26.87 1.46 0.50
WARRENSBURG____ 23737	25.22 1.32 0.00	24.95 1.17 0.00	21.88 0.99 0.00	21.50 0.99 0.00	20.58 0.86 0.00	25.47 1.11 0.00	27.45 1.28 0.00	29.12 1.28 0.00	26.40 1.01 0.00	27.50 1.11 0.00	30.06 1.02 0.17	31.66 1.27 -0.76	37.75 1.20 -3.48	45.29 1.64 0.23	48.58 1.56 0.00	48.00 1.59 0.00	54.35 1.91 0.00	49.13 2.36 0.00	52.27 3.10 0.00	43.53 2.71 0.00	38.98 2.39 -1.51	37.85 1.48 -11.81	30.68 1.64 -1.74	27.43 1.34 -0.18
WATERSIDE____6 8 9 23538	25.58 1.68 0.00	25.33 1.55 0.00	22.28 1.39 0.00	21.85 1.34 0.00	20.95 1.24 0.00	25.84 1.47 0.00	27.76 1.59 0.00	29.61 1.76 0.00	27.12 1.73 0.00	28.32 1.93 0.00	32.21 2.55 -0.45	20.49 3.10 12.24	22.07 3.44 14.45	48.18 4.05 -0.24	48.21 4.06 2.87	50.64 4.23 0.00	57.12 4.69 0.00	50.87 4.10 0.00	53.42 4.25 0.00	44.37 3.55 0.00	45.80 3.21 -7.51	89.70 2.00 -63.14	37.40 2.21 -7.90	27.25 1.95 0.61
WATKINRD_115KV_LN8_ILLION 55919	26.35 0.20 -2.25	25.49 0.18 -1.53	22.53 0.18 -1.45	20.69 0.18 0.00	19.89 0.17 0.00	24.58 0.22 0.00	26.37 0.20 0.00	28.05 0.20 0.00	24.15 0.16 1.40	26.52 0.13 0.00	29.42 0.21 0.00	29.99 0.37 0.00	33.52 0.44 0.00	44.84 0.52 -0.44	47.40 0.39 0.00	46.83 0.43 0.00	52.98 0.54 0.00	47.59 0.82 0.00	50.26 1.08 0.00	41.70 0.87 0.00	38.54 0.68 -2.78	25.00 0.44 0.00	27.77 0.47 0.00	26.26 0.35 0.00
WATSON__69_KV_BK 1 55734	27.61 2.12 -1.60	27.49 2.11 -1.61	22.68 1.79 0.00	22.28 1.77 0.00	21.32 1.60 0.00	26.26 1.89 0.00	28.12 1.95 0.00	29.99 2.14 0.00	27.36 1.97 0.00	28.57 2.19 0.00	37.76 3.20 -5.34	41.52 3.76 -8.14	78.71 4.18 -41.45	58.96 5.27 -9.81	57.60 5.43 -5.16	55.36 5.67 -3.29	60.23 6.22 -1.57	154.56 5.67 -102.12	71.55 5.83 -16.55	56.38 4.64 -10.92	46.89 4.08 -7.73	90.42 2.48 -63.38	39.42 2.63 -9.50	29.19 2.40 -0.88
WDELAWARE__HYD 323627	25.49 1.59 0.00	25.23 1.46 0.00	22.15 1.26 0.00	21.74 1.23 0.00	20.87 1.15 0.00	25.78 1.41 0.00	27.68 1.51 0.00	29.48 1.63 0.00	26.94 1.55 0.00	28.07 1.68 0.00	31.46 2.15 -0.10	30.89 2.58 1.31	30.10 2.94 5.92	47.72 3.71 -0.14	50.87 3.86 0.00	50.61 4.20 0.00	57.18 4.74 0.00	51.13 4.36 0.00	53.81 4.63 0.00	44.64 3.82 0.00	35.76 3.24 2.55	4.92 1.97 21.61	26.13 2.08 3.23	27.39 1.79 0.30
WEST BABYLON__IC 23714	27.56 2.06 -1.60	27.43 2.04 -1.61	22.64 1.74 0.00	22.24 1.73 0.00	21.28 1.56 0.00	26.21 1.85 0.00	28.08 1.90 0.00	29.93 2.08 0.00	27.31 1.92 0.00	28.53 2.14 0.00	37.67 3.11 -5.34	41.41 3.64 -8.14	79.25 4.06 -42.11	58.76 5.06 -9.81	57.39 5.22 -5.16	55.13 5.44 -3.29	60.16 6.01 -1.71	155.22 5.46 -102.99	66.20 5.65 -11.37	47.74 4.50 -2.42	46.74 3.94 -7.73	90.36 2.42 -63.38	39.38 2.58 -9.50	29.13 2.34 -0.88

WEST CANADA___HYD 24049	26.29 0.13 -2.25	25.43 0.12 -1.53	22.45 0.11 -1.45	20.62 0.11 0.00	19.82 0.10 0.00	24.48 0.12 0.00	26.28 0.11 0.00	27.96 0.11 0.00	24.09 0.10 1.40	26.50 0.11 0.00	29.40 0.19 0.00	29.92 0.30 0.00	33.39 0.31 0.00	44.64 0.32 -0.44	47.31 0.30 0.00	46.75 0.35 0.00	52.84 0.40 0.00	47.16 0.39 0.00	49.65 0.48 0.00	41.19 0.37 0.00	38.18 0.32 -2.78	24.77 0.21 0.00	27.51 0.22 0.00	26.07 0.17 0.00
WESTERN_NY_WIND 24143	23.86 -0.05 0.00	23.65 -0.13 0.00	20.68 -0.21 0.00	20.37 -0.14 0.00	19.75 0.04 0.00	24.53 0.17 0.00	26.29 0.11 0.00	27.97 0.13 0.00	25.40 0.00 0.00	26.73 0.34 0.00	30.01 0.80 0.00	30.74 1.12 0.00	34.29 1.21 0.00	44.59 0.71 0.00	48.28 1.27 0.00	47.53 1.13 0.00	53.14 0.70 0.00	46.48 -0.29 0.00	48.34 -0.83 0.00	39.94 -0.88 0.00	34.05 -1.03 0.00	24.23 -0.33 0.00	27.34 0.05 0.00	25.89 -0.02 0.00
WESTOVER___LESR 323668	23.91 0.00 0.00	23.73 -0.05 0.00	20.79 -0.11 0.00	20.46 -0.05 0.00	19.71 -0.01 0.00	24.48 0.11 0.00	26.31 0.14 0.00	28.03 0.18 0.00	25.61 0.22 0.00	26.74 0.36 0.00	29.94 0.72 0.00	30.51 0.89 0.00	34.00 0.92 0.00	44.94 1.06 0.00	48.27 0.99 -0.27	48.83 1.05 -1.38	55.33 1.20 -1.69	47.95 0.59 -0.59	50.80 0.62 -1.01	41.54 0.46 -0.26	35.24 0.16 0.00	24.82 0.25 0.00	27.56 0.26 0.00	26.05 0.14 0.00
WETHRSFD_WT_PWR 323626	23.01 -0.90 0.00	22.74 -1.04 0.00	19.80 -1.09 0.00	19.51 -1.00 0.00	18.93 -0.79 0.00	23.69 -0.67 0.00	25.52 -0.65 0.00	27.26 -0.59 0.00	24.86 -0.53 0.00	26.21 -0.18 0.00	29.55 0.33 0.00	30.12 0.50 0.00	33.51 0.43 0.00	43.90 0.02 0.00	47.15 0.14 0.00	46.44 0.04 0.00	51.95 -0.49 0.00	45.35 -1.43 0.00	47.48 -1.70 0.00	39.24 -1.58 0.00	33.41 -1.67 0.00	23.78 -0.78 0.00	26.77 -0.53 0.00	24.20 -0.52 1.18
WHAVSTOR_138KV_BK127 55557	25.24 1.34 0.00	24.99 1.22 0.00	21.95 1.06 0.00	21.54 1.03 0.00	20.66 0.94 0.00	25.51 1.14 0.00	27.41 1.24 0.00	29.17 1.33 0.00	26.67 1.28 0.00	27.79 1.40 0.00	31.26 1.88 -0.17	23.33 2.38 8.67	-3.51 2.69 39.28	47.35 3.24 -0.22	50.35 3.34 0.00	49.97 3.57 0.00	56.35 3.91 0.00	50.23 3.46 0.00	52.79 3.61 0.00	43.78 2.96 0.00	27.91 2.61 9.77	-53.21 1.61 79.38	17.11 1.75 11.93	26.37 1.55 1.09
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.24 1.34 0.00	24.99 1.22 0.00	21.95 1.06 0.00	21.54 1.03 0.00	20.66 0.94 0.00	25.51 1.14 0.00	27.41 1.24 0.00	29.17 1.33 0.00	26.67 1.28 0.00	27.79 1.40 0.00	31.26 1.88 -0.17	23.33 2.38 8.67	-3.51 2.69 39.28	47.35 3.24 -0.22	50.35 3.34 0.00	49.97 3.57 0.00	56.35 3.91 0.00	50.23 3.46 0.00	52.79 3.61 0.00	43.78 2.96 0.00	27.91 2.61 9.77	-53.21 1.61 79.38	17.11 1.75 11.93	26.37 1.55 1.09
WHITEHAL_115KV_TB1 80871	26.06 2.16 0.00	25.56 1.79 0.00	22.32 1.42 0.00	22.04 1.53 0.00	20.92 1.21 0.00	26.09 1.73 0.00	28.35 2.17 0.00	29.97 2.13 0.00	26.87 1.48 0.00	28.16 1.77 0.00	30.58 1.54 0.17	32.21 1.81 -0.77	38.56 2.00 -3.49	46.96 3.31 0.24	50.08 3.07 0.00	49.54 3.14 0.00	56.06 3.62 0.00	50.95 4.18 0.00	54.20 5.02 0.00	44.99 4.17 0.00	40.19 3.59 -1.52	38.61 2.16 -11.89	31.58 2.53 -1.75	28.26 2.18 -0.18
WHITEPLN_13_KV_LOAD 356215	25.70 1.79 0.00	25.44 1.66 0.00	22.33 1.44 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.94 1.58 0.00	27.88 1.71 0.00	29.74 1.90 0.00	27.23 1.84 0.00	28.43 2.04 0.00	32.06 2.66 -0.18	39.19 3.21 -6.36	65.49 3.63 -28.78	48.63 4.51 -0.24	51.71 4.70 0.00	51.33 4.92 0.00	57.90 5.46 0.00	51.59 4.82 0.00	54.17 5.00 0.00	44.89 4.07 0.00	46.55 3.54 -7.93	91.85 2.21 -65.08	39.42 2.36 -9.76	28.88 2.07 -0.90
WM_FLOYD_69_KV_BK2 356380	27.37 1.87 -1.60	27.24 1.85 -1.61	22.47 1.58 0.00	22.06 1.55 0.00	21.10 1.38 0.00	25.99 1.62 0.00	27.83 1.66 0.00	29.68 1.83 0.00	27.05 1.66 0.00	28.25 1.86 0.00	37.39 2.84 -5.34	41.19 3.43 -8.14	78.00 3.77 -41.16	58.40 4.71 -9.81	57.03 4.85 -5.16	54.83 5.14 -3.29	59.88 5.78 -1.66	154.75 5.30 -102.67	77.95 5.48 -23.29	67.18 4.35 -22.01	46.68 3.87 -7.74	90.26 2.32 -63.38	39.20 2.40 -9.50	28.92 2.13 -0.88
WOODARD__115KV_TB2 355635	23.63 -0.27 0.00	23.49 -0.29 0.00	20.61 -0.28 0.00	20.25 -0.26 0.00	19.50 -0.22 0.00	24.14 -0.23 0.00	25.93 -0.24 0.00	27.60 -0.25 0.00	23.51 -0.18 1.70	26.29 -0.10 0.00	29.25 0.03 0.00	29.80 0.17 0.00	33.21 0.12 0.00	43.79 -0.09 0.00	47.44 -0.09 -0.52	49.07 -0.03 -2.69	55.67 -0.07 -3.30	47.65 -0.28 -1.16	50.78 -0.36 -1.96	40.97 -0.35 -0.50	34.68 -0.40 0.00	24.38 -0.19 -0.01	27.10 -0.19 0.00	25.63 -0.28 0.00
YORK___WARBASSE 23770	25.68 1.78 0.00	25.43 1.66 0.00	22.35 1.46 0.00	21.91 1.40 0.00	21.01 1.29 0.00	25.92 1.55 0.00	27.87 1.69 0.00	29.70 1.86 0.00	27.22 1.83 0.00	28.44 2.05 0.00	32.44 2.72 -0.50	157.59 3.31 -124.65	321.15 3.67 -284.40	48.46 4.33 -0.25	68.10 4.39 -16.70	50.98 4.57 -0.01	57.50 5.05 -0.01	51.19 4.42 0.00	53.73 4.55 0.00	44.65 3.82 0.00	47.25 3.42 -8.75	89.84 2.14 -63.14	47.92 2.37 -18.26	37.23 2.10 -9.22