

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/10/2025

Name	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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.09	25.46	27.37	26.88	26.42	29.90	41.48	46.83	33.40	27.17	33.45	34.94	32.89	31.47	27.41	26.60	33.71	61.70	46.15	40.50	39.65	40.17	35.37	33.41
24138	0.91	0.77	0.80	0.89	0.84	1.03	1.49	1.71	1.30	1.46	1.99	2.17	2.09	1.98	1.81	1.58	2.16	3.04	2.07	1.77	1.82	1.91	1.65	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.10	25.48	27.39	26.91	26.45	29.92	41.52	46.91	33.48	27.20	33.45	34.91	32.85	31.44	27.38	26.57	33.67	61.66	46.18	40.55	39.71	40.20	35.36	33.38
24260	0.93	0.79	0.82	0.91	0.87	1.04	1.52	1.80	1.37	1.49	2.00	2.14	2.05	1.94	1.78	1.55	2.11	3.01	2.10	1.82	1.88	1.94	1.64	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.10	25.48	27.39	26.91	26.45	29.92	41.52	46.91	33.48	27.20	33.45	34.91	32.85	31.44	27.38	26.57	33.67	61.66	46.18	40.55	39.71	40.20	35.36	33.38
24261	0.93	0.79	0.82	0.91	0.87	1.04	1.52	1.80	1.37	1.49	2.00	2.14	2.05	1.94	1.78	1.55	2.11	3.01	2.10	1.82	1.88	1.94	1.64	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.03	25.48	27.49	26.94	26.55	30.11	41.98	47.58	33.56	26.59	32.31	33.54	31.37	30.05	25.97	22.90	32.81	61.42	45.99	40.53	39.62	39.87	35.33	33.38
24011	0.86	0.79	0.93	0.95	0.97	1.24	1.98	2.46	1.46	0.88	0.85	0.78	0.57	0.55	0.55	0.60	1.25	2.77	1.91	1.80	1.79	1.62	1.61	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.16	25.58	27.64	27.08	26.70	30.33	42.30	48.02	33.81	26.72	32.44	33.68	31.44	30.10	26.05	22.97	32.98	61.76	46.18	40.74	39.80	40.01	35.58	33.58
23798	0.99	0.89	1.07	1.09	1.12	1.46	2.31	2.90	1.71	1.01	0.98	0.92	0.64	0.61	0.63	0.68	1.43	3.10	2.10	2.00	1.97	1.75	1.86	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.03	25.48	27.49	26.94	26.55	30.11	41.98	47.58	33.56	26.59	32.31	33.54	31.37	30.05	25.97	22.90	32.81	61.42	45.99	40.53	39.62	39.87	35.33	33.38
24028	0.86	0.79	0.93	0.95	0.97	1.24	1.98	2.46	1.46	0.88	0.85	0.78	0.57	0.55	0.55	0.60	1.25	2.77	1.91	1.80	1.79	1.62	1.61	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.53	25.09	27.06	26.47	26.08	29.65	41.19	46.66	33.12	26.50	32.25	33.50	31.32	30.01	25.97	23.09	32.59	60.72	45.34	39.91	39.15	39.39	34.76	32.83
23527	0.36	0.40	0.49	0.48	0.50	0.77	1.20	1.54	1.02	0.79	0.80	0.73	0.52	0.51	0.54	0.54	1.04	2.06	1.26	1.18	1.32	1.13	1.03	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.86	24.58	26.42	25.88	25.47	28.81	39.93	45.21	32.17	25.80	31.49	32.77	30.80	29.51	25.51	22.56	31.76	58.88	44.07	38.76	38.01	38.33	33.81	32.01
24190	-0.32	-0.11	-0.14	-0.11	-0.10	-0.06	-0.07	0.09	0.07	0.09	0.04	0.00	0.00	0.01	0.09	0.14	0.20	0.22	-0.01	0.03	0.18	0.07	0.09	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	29.85	25.22	27.15	26.54	26.12	29.42	40.64	45.81	32.64	26.13	31.96	33.28	31.32	29.98	25.75	21.67	31.93	59.42	44.71	39.27	38.26	38.78	34.23	32.46
355683	0.68	0.53	0.58	0.55	0.54	0.55	0.64	0.69	0.54	0.42	0.51	0.52	0.52	0.49	0.39	0.24	0.37	0.76	0.62	0.55	0.43	0.52	0.50	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.56	25.14	27.03	26.47	26.06	29.48	40.85	46.15	32.73	26.04	31.71	32.98	31.00	29.68	25.64	22.71	32.07	60.00	45.06	39.62	38.84	39.19	34.54	32.72
323833	0.39	0.45	0.47	0.48	0.48	0.61	0.85	1.03	0.63	0.33	0.25	0.22	0.20	0.19	0.21	0.24	0.52	1.35	0.97	0.89	1.00	0.93	0.81	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.55	25.14	27.03	26.47	26.06	29.48	40.84	46.13	32.72	26.03	31.70	32.98	31.00	29.68	25.64	22.71	32.07	60.00	45.04	39.60	38.83	39.17	34.53	32.71
323834	0.38	0.45	0.47	0.48	0.48	0.61	0.84	1.01	0.62	0.32	0.25	0.22	0.20	0.18	0.21	0.24	0.52	1.35	0.95	0.87	0.99	0.91	0.80	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.86	24.58	26.42	25.88	25.47	28.81	39.93	45.21	32.17	25.80	31.49	32.77	30.80	29.51	25.51	22.56	31.76	58.88	44.07	38.76	38.01	38.33	33.81	32.01
23571	-0.32	-0.11	-0.14	-0.11	-0.10	-0.06	-0.07	0.09	0.07	0.09	0.04	0.00	0.00	0.01	0.09	0.14	0.20	0.22	-0.01	0.03	0.18	0.07	0.09	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.86 -0.32 0.00	24.58 -0.11 0.00	26.42 -0.14 0.00	25.88 -0.11 0.00	25.47 -0.10 0.00	28.81 -0.06 0.00	39.93 -0.07 0.00	45.21 0.09 0.00	32.17 0.07 0.00	25.80 0.09 0.00	31.49 0.04 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.51 0.01 0.00	25.51 0.09 -0.06	22.56 0.14 -0.99	31.76 0.20 0.00	58.88 0.22 0.00	44.07 -0.01 0.00	38.76 0.03 0.00	38.01 0.18 0.00	38.33 0.07 0.00	33.81 0.09 0.00	32.01 -0.01 0.00
ALBANY___3 23573	28.86 -0.32 0.00	24.58 -0.11 0.00	26.42 -0.14 0.00	25.88 -0.11 0.00	25.47 -0.10 0.00	28.81 -0.06 0.00	39.93 -0.07 0.00	45.21 0.09 0.00	32.17 0.07 0.00	25.80 0.09 0.00	31.49 0.04 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.51 0.01 0.00	25.51 0.09 -0.06	22.56 0.14 -0.99	31.76 0.20 0.00	58.88 0.22 0.00	44.07 -0.01 0.00	38.76 0.03 0.00	38.01 0.18 0.00	38.33 0.07 0.00	33.81 0.09 0.00	32.01 -0.01 0.00
ALBANY___4 23574	28.86 -0.32 0.00	24.58 -0.11 0.00	26.42 -0.14 0.00	25.88 -0.11 0.00	25.47 -0.10 0.00	28.81 -0.06 0.00	39.93 -0.07 0.00	45.21 0.09 0.00	32.17 0.07 0.00	25.80 0.09 0.00	31.49 0.04 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.51 0.01 0.00	25.51 0.09 -0.06	22.56 0.14 -0.99	31.76 0.20 0.00	58.88 0.22 0.00	44.07 -0.01 0.00	38.76 0.03 0.00	38.01 0.18 0.00	38.33 0.07 0.00	33.81 0.09 0.00	32.01 -0.01 0.00
ALBANY___LFGE 323615	29.16 -0.02 0.00	24.82 0.13 0.00	26.69 0.12 0.00	26.13 0.14 0.00	25.73 0.15 0.00	29.10 0.23 0.00	40.36 0.36 0.00	45.70 0.58 0.00	32.49 0.39 0.00	26.04 0.33 0.00	31.78 0.32 0.00	33.06 0.30 0.00	31.06 0.26 0.00	29.76 0.26 0.00	25.73 0.31 -0.06	22.73 0.33 -0.98	32.08 0.52 0.00	59.54 0.89 0.00	44.59 0.50 0.00	39.20 0.47 0.00	38.43 0.60 0.00	38.74 0.48 0.00	34.16 0.43 0.00	32.33 0.30 0.00
ALCOA_PA_115KV_PL-6C 55860	30.03 0.85 0.00	25.36 0.67 0.00	27.28 0.72 0.00	26.68 0.69 0.00	26.26 0.68 0.00	29.57 0.70 0.00	40.86 0.86 0.00	46.05 0.93 0.00	32.79 0.69 0.00	26.23 0.52 0.00	32.05 0.60 0.00	33.37 0.61 0.00	31.42 0.61 0.00	30.07 0.57 0.00	25.81 0.45 0.00	21.71 0.29 0.00	31.98 0.43 0.00	59.60 0.94 0.00	44.89 0.81 0.00	39.43 0.70 0.00	38.41 0.57 0.00	38.94 0.68 0.00	34.38 0.66 0.00	32.60 0.58 0.00
ALCOA_RYNLDS___DRP 24188	30.03 0.85 0.00	25.36 0.67 0.00	27.28 0.72 0.00	26.68 0.69 0.00	26.26 0.68 0.00	29.57 0.70 0.00	40.86 0.86 0.00	46.05 0.93 0.00	32.79 0.69 0.00	26.23 0.52 0.00	32.05 0.60 0.00	33.37 0.61 0.00	31.42 0.61 0.00	30.07 0.57 0.00	25.81 0.45 0.00	21.71 0.29 0.00	31.98 0.43 0.00	59.60 0.94 0.00	44.89 0.81 0.00	39.43 0.70 0.00	38.41 0.57 0.00	38.94 0.68 0.00	34.38 0.66 0.00	32.60 0.58 0.00
ALCOA___DSASP 323711	30.03 0.85 0.00	25.36 0.67 0.00	27.28 0.72 0.00	26.68 0.69 0.00	26.26 0.68 0.00	29.57 0.70 0.00	40.86 0.86 0.00	46.05 0.93 0.00	32.79 0.69 0.00	26.23 0.52 0.00	32.05 0.60 0.00	33.37 0.61 0.00	31.42 0.62 0.00	30.07 0.57 0.00	25.81 0.45 0.00	21.71 0.29 0.00	31.98 0.43 0.00	59.60 0.94 0.00	44.89 0.81 0.00	39.43 0.70 0.00	38.41 0.57 0.00	38.94 0.68 0.00	34.38 0.65 0.00	32.60 0.57 0.00
ALLEGHENY___COGEN 23514	30.30 1.13 0.00	25.28 0.59 0.00	27.29 0.72 0.00	26.61 0.61 0.00	26.18 0.60 0.00	29.40 0.53 0.00	40.70 0.69 0.00	45.81 0.69 0.00	32.42 0.32 0.00	25.29 -0.42 0.00	31.23 -0.22 0.00	32.74 -0.03 0.00	30.70 -0.09 0.00	29.24 -0.25 0.00	24.85 -0.47 0.04	20.34 -0.48 0.60	30.86 -0.70 0.00	57.73 -0.92 0.00	44.51 0.42 0.00	39.26 0.54 0.00	40.72 0.18 -2.71	38.54 0.27 0.00	34.12 0.39 0.00	32.89 0.87 0.00
ALTAMONT_115KV_TB 2 55880	29.21 0.04 0.00	24.82 0.13 0.00	26.68 0.12 0.00	26.13 0.14 0.00	25.72 0.14 0.00	29.08 0.21 0.00	40.33 0.33 0.00	45.58 0.46 0.00	32.43 0.33 0.00	26.03 0.31 0.00	31.81 0.36 0.00	33.12 0.36 0.00	31.14 0.34 0.00	29.83 0.33 0.00	25.77 0.35 -0.06	22.71 0.34 -0.95	32.03 0.48 0.00	59.38 0.72 0.00	44.51 0.42 0.00	39.13 0.40 0.00	38.36 0.53 0.00	38.73 0.47 0.00	34.13 0.40 0.00	32.33 0.30 0.00
ALTONA_WT_PWR 323606	30.55 1.38 0.00	25.89 1.20 0.00	27.95 1.39 0.00	27.28 1.29 0.00	26.81 1.24 0.00	30.14 1.27 0.00	41.53 1.53 0.00	46.93 1.81 0.00	33.28 1.18 0.00	26.45 0.74 0.00	32.23 0.78 0.00	33.53 0.76 0.00	31.73 0.93 0.00	30.47 0.97 0.00	26.19 0.82 0.00	22.13 0.71 0.00	32.67 1.12 0.00	61.43 2.78 0.00	46.21 2.13 0.00	40.11 1.39 0.00	38.99 1.16 0.00	39.34 1.08 0.00	34.64 0.92 0.00	32.22 0.20 0.00
AMERICAN_REF_FUEL 24010	28.87 -0.30 0.00	24.11 -0.58 0.00	26.16 -0.40 0.00	25.61 -0.38 0.00	25.20 -0.38 0.00	27.95 -0.93 0.00	37.85 -2.14 0.00	42.45 -2.67 0.00	30.73 -1.37 0.00	24.77 -0.94 0.00	30.84 -0.62 0.00	32.28 -0.49 0.00	30.12 -0.68 0.00	28.66 -0.84 0.00	24.37 -0.96 0.04	19.98 -0.91 0.54	29.68 -1.87 0.00	53.89 -4.77 0.00	40.80 -3.28 0.00	35.86 -2.86 0.00	34.02 -3.03 0.79	35.73 -2.53 0.00	32.20 -1.53 0.00	31.74 -0.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.75 -0.42 0.00	23.80 -0.89 0.00	25.87 -0.70 0.00	25.18 -0.81 0.00	24.66 -0.92 0.00	27.56 -1.31 0.00	37.58 -2.42 0.00	42.07 -3.05 0.00	30.51 -1.60 0.00	24.53 -1.18 0.00	30.94 -0.52 0.00	32.89 0.12 0.00	30.55 -0.25 0.00	29.02 -0.47 0.00	24.53 -0.80 0.04	20.16 -0.68 0.59	29.99 -1.56 0.00	55.10 -3.56 0.00	42.15 -1.93 0.00	36.44 -2.28 0.00	34.14 -3.02 0.68	35.40 -2.86 0.00	31.50 -2.23 0.00	30.94 -1.09 0.00
ARTHUR KILL_GT_1 23520	29.98 0.81 0.00	25.41 0.71 0.00	27.34 0.77 0.00	27.02 1.02 0.00	26.59 1.01 0.00	30.10 1.23 0.00	41.68 1.68 0.00	46.80 1.68 0.00	33.61 1.51 0.00	27.21 1.49 0.00	33.00 1.55 0.00	34.34 1.57 0.00	32.42 1.62 0.00	31.03 1.53 0.00	27.02 1.42 -0.23	26.30 1.28 -3.60	33.24 1.68 0.00	60.65 1.99 0.00	45.40 1.31 0.00	40.09 1.36 0.00	39.35 1.52 0.00	39.88 1.62 0.00	35.05 1.33 0.00	33.10 1.07 0.00
ARTHUR_KILL_2 23512	29.92 0.75 0.00	25.35 0.66 0.00	27.28 0.71 0.00	26.95 0.96 0.00	26.54 0.96 0.00	30.04 1.17 0.00	41.58 1.58 0.00	46.68 1.56 0.00	33.54 1.44 0.00	27.15 1.44 0.00	32.94 1.49 0.00	34.28 1.51 0.00	32.36 1.56 0.00	30.97 1.48 0.00	26.98 1.38 -0.23	26.25 1.23 -3.60	33.18 1.62 0.00	60.52 1.86 0.00	45.27 1.19 0.00	39.97 1.24 0.00	39.24 1.41 0.00	39.77 1.51 0.00	34.97 1.24 0.00	33.01 0.98 0.00
ARTHUR_KILL_3 23513	25.80 0.60 3.97	24.18 0.52 1.04	25.99 0.53 1.11	26.63 0.63 0.00	26.16 0.58 0.00	29.57 0.70 0.00	41.03 1.03 0.00	46.30 1.18 0.00	33.03 0.93 0.00	26.85 1.14 0.00	33.06 1.61 0.00	34.50 1.74 0.00	32.49 1.69 0.00	31.09 1.59 0.00	27.09 1.48 -0.23	26.33 1.31 -3.60	33.31 1.76 0.00	61.01 2.36 0.00	45.69 1.61 0.00	40.11 1.39 0.00	39.31 1.48 0.00	39.79 1.53 0.00	35.01 1.28 0.00	33.05 1.02 0.00

ASTORIA_GT4_4 24105	29.77 0.60 0.00	25.24 0.55 0.00	27.10 0.54 0.00	26.66 0.66 0.00	26.19 0.61 0.00	29.61 0.74 0.00	41.09 1.10 0.01	46.42 1.30 0.00	33.18 1.08 0.01	26.94 1.23 0.00	33.01 1.56 0.00	34.42 1.65 0.00	32.42 1.62 0.00	31.05 1.55 0.00	27.08 1.48 -0.23	26.32 1.30 -3.60	33.20 1.64 0.00	60.78 2.12 0.00	45.56 1.48 0.00	40.04 1.32 0.01	39.27 1.44 0.00	39.83 1.57 0.00	35.00 1.27 0.00	32.90 0.96 0.08
ASTORIA_GT_1 23523	29.81 0.64 0.00	25.28 0.59 0.00	27.14 0.58 0.00	26.70 0.70 0.00	26.22 0.64 0.00	29.65 0.78 0.00	41.17 1.18 0.01	46.50 1.39 0.00	33.24 1.15 0.01	27.00 1.29 0.00	33.08 1.63 0.00	34.49 1.72 0.00	32.48 1.69 0.00	31.11 1.61 0.00	27.13 1.53 -0.23	26.36 1.34 -3.60	33.27 1.71 0.00	60.90 2.25 0.00	45.65 1.57 0.00	40.12 1.40 0.01	39.34 1.51 0.00	39.91 1.65 0.00	35.06 1.34 0.00	33.02 1.03 0.03
ASTORIA_GT_10 24110	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.53 1.42 0.00	33.28 1.18 0.00	27.08 1.37 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.47 0.00	45.73 1.65 0.00	40.20 1.47 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
ASTORIA_GT_11 24225	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.53 1.42 0.00	33.28 1.18 0.00	27.08 1.37 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.47 0.00	45.73 1.65 0.00	40.20 1.47 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
ASTORIA_GT_12 24226	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.53 1.42 0.00	33.28 1.18 0.00	27.08 1.37 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.47 0.00	45.73 1.65 0.00	40.20 1.47 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
ASTORIA_GT_13 24227	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.53 1.42 0.00	33.28 1.18 0.00	27.08 1.37 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.47 0.00	45.73 1.65 0.00	40.20 1.47 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
ASTORIA_GT_5 24106	29.81 0.64 0.00	25.28 0.59 0.00	27.14 0.58 0.00	26.70 0.70 0.00	26.22 0.64 0.00	29.65 0.78 0.00	41.17 1.18 0.01	46.50 1.39 0.00	33.24 1.15 0.01	27.00 1.29 0.00	33.08 1.63 0.00	34.49 1.72 0.00	32.48 1.69 0.00	31.11 1.61 0.00	27.13 1.53 -0.23	26.36 1.34 -3.60	33.27 1.71 0.00	60.90 2.25 0.00	45.65 1.57 0.00	40.12 1.40 0.01	39.34 1.51 0.00	39.91 1.65 0.00	35.06 1.34 0.00	33.02 1.03 0.03
ASTORIA_GT_7 24107	29.81 0.64 0.00	25.28 0.59 0.00	27.14 0.58 0.00	26.70 0.70 0.00	26.22 0.64 0.00	29.65 0.78 0.00	41.17 1.18 0.01	46.50 1.39 0.00	33.24 1.15 0.01	27.00 1.29 0.00	33.08 1.63 0.00	34.49 1.72 0.00	32.48 1.69 0.00	31.11 1.61 0.00	27.13 1.53 -0.23	26.36 1.34 -3.60	33.27 1.71 0.00	60.90 2.25 0.00	45.65 1.57 0.00	40.12 1.40 0.01	39.34 1.51 0.00	39.91 1.65 0.00	35.06 1.34 0.00	33.02 1.03 0.03
ASTORIA_GT_8 24108	29.81 0.64 0.00	25.28 0.59 0.00	27.14 0.58 0.00	26.70 0.70 0.00	26.22 0.64 0.00	29.65 0.78 0.00	41.17 1.18 0.01	46.50 1.39 0.00	33.24 1.15 0.01	27.00 1.29 0.00	33.08 1.63 0.00	34.49 1.72 0.00	32.48 1.69 0.00	31.11 1.61 0.00	27.13 1.53 -0.23	26.36 1.34 -3.60	33.27 1.71 0.00	60.90 2.25 0.00	45.65 1.57 0.00	40.12 1.40 0.01	39.34 1.51 0.00	39.91 1.65 0.00	35.06 1.34 0.00	33.02 1.03 0.03
ASTORIA___2 24149	29.77 0.59 0.00	25.24 0.55 0.00	27.10 0.54 0.00	26.66 0.66 0.00	26.19 0.61 0.00	29.61 0.74 0.00	41.09 1.10 0.01	46.42 1.30 0.00	33.18 1.08 0.01	26.94 1.23 0.00	33.01 1.56 0.00	34.42 1.65 0.00	32.42 1.62 0.00	31.04 1.55 0.00	27.08 1.48 -0.23	26.32 1.30 -3.60	33.20 1.64 0.00	60.78 2.12 0.00	45.56 1.48 0.00	40.04 1.32 0.01	39.27 1.44 0.00	39.83 1.57 0.00	35.00 1.27 0.00	32.90 0.96 0.09
ASTORIA___3 23516	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.35 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.54 1.41 0.00	33.28 1.18 0.00	27.07 1.36 0.00	33.24 1.78 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.46 0.00	45.73 1.65 0.00	40.19 1.46 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
ASTORIA___4 23517	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.53 1.42 0.00	33.28 1.18 0.00	27.08 1.37 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.47 0.00	45.73 1.65 0.00	40.20 1.47 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
ASTORIA___5 23518	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.35 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.54 1.41 0.00	33.28 1.18 0.00	27.07 1.36 0.00	33.24 1.78 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.46 0.00	45.73 1.65 0.00	40.19 1.46 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
AST_ENERGY_2_CC3 323677	29.46 0.29 0.00	25.06 0.37 0.00	26.84 0.28 0.00	26.41 0.42 0.00	25.92 0.34 0.00	29.31 0.44 0.00	40.68 0.69 0.01	45.94 0.82 0.00	32.85 0.75 0.01	26.68 0.96 0.00	32.68 1.23 0.00	34.06 1.30 0.00	32.08 1.29 0.00	30.73 1.24 0.00	26.90 1.30 -0.23	26.16 1.15 -3.60	32.88 1.33 0.00	60.18 1.53 0.00	45.12 1.03 0.00	39.65 0.92 0.01	38.89 1.06 0.00	39.43 1.17 0.00	34.65 0.93 0.00	32.56 0.62 0.09
AST_ENERGY_2_CC4 323678	29.46 0.29 0.00	25.06 0.37 0.00	26.84 0.28 0.00	26.41 0.42 0.00	25.92 0.34 0.00	29.31 0.44 0.00	40.68 0.69 0.01	45.94 0.82 0.00	32.85 0.75 0.01	26.68 0.96 0.00	32.68 1.23 0.00	34.06 1.30 0.00	32.08 1.29 0.00	30.73 1.24 0.00	26.90 1.30 -0.23	26.16 1.15 -3.60	32.88 1.33 0.00	60.18 1.53 0.00	45.12 1.03 0.00	39.65 0.92 0.01	38.89 1.06 0.00	39.43 1.17 0.00	34.65 0.93 0.00	32.56 0.62 0.09

ATHENS_STG_1 23668	29.42 0.24 0.00	24.97 0.28 0.00	26.84 0.27 0.00	26.31 0.31 0.00	25.88 0.30 0.00	29.27 0.40 0.00	40.61 0.62 0.00	45.85 0.73 0.00	32.67 0.57 0.00	26.38 0.67 0.00	32.35 0.90 0.00	33.71 0.95 0.00	31.61 0.81 0.00	30.23 0.73 0.00	26.16 0.70 -0.09	23.43 0.64 -1.37	32.43 0.87 0.00	59.90 1.24 0.00	44.84 0.75 0.00	39.41 0.69 0.00	38.65 0.82 0.00	39.03 0.77 0.00	34.38 0.65 0.00	32.55 0.52 0.00
ATHENS_STG_2 23670	29.42 0.24 0.00	24.97 0.28 0.00	26.84 0.27 0.00	26.31 0.31 0.00	25.88 0.30 0.00	29.27 0.40 0.00	40.61 0.62 0.00	45.85 0.73 0.00	32.67 0.57 0.00	26.38 0.67 0.00	32.35 0.90 0.00	33.71 0.95 0.00	31.61 0.81 0.00	30.23 0.73 0.00	26.16 0.70 -0.09	23.43 0.64 -1.37	32.43 0.87 0.00	59.90 1.24 0.00	44.84 0.75 0.00	39.41 0.69 0.00	38.65 0.82 0.00	39.03 0.77 0.00	34.38 0.65 0.00	32.55 0.52 0.00
ATHENS_STG_3 23677	29.42 0.24 0.00	24.97 0.28 0.00	26.84 0.27 0.00	26.31 0.31 0.00	25.88 0.30 0.00	29.27 0.40 0.00	40.61 0.62 0.00	45.85 0.73 0.00	32.67 0.57 0.00	26.38 0.67 0.00	32.35 0.90 0.00	33.71 0.95 0.00	31.61 0.81 0.00	30.23 0.73 0.00	26.16 0.70 -0.09	23.43 0.64 -1.37	32.43 0.87 0.00	59.90 1.24 0.00	44.84 0.75 0.00	39.41 0.69 0.00	38.65 0.82 0.00	39.03 0.77 0.00	34.38 0.65 0.00	32.55 0.52 0.00
AUBURN____LFGE 323710	29.20 0.03 0.00	24.62 -0.07 0.00	26.59 0.03 0.00	26.05 0.06 0.00	25.55 -0.03 0.00	28.85 -0.02 0.00	40.16 0.16 0.00	45.28 0.15 0.00	32.11 0.01 0.00	25.54 -0.17 0.00	31.12 -0.33 0.00	32.52 -0.25 0.00	30.44 -0.37 0.00	29.21 -0.29 0.00	24.97 -0.39 0.00	21.16 -0.26 0.00	31.26 -0.29 0.00	58.50 -0.15 0.00	44.00 -0.08 0.00	38.75 0.02 0.00	37.83 0.00 0.00	38.23 -0.04 0.00	33.71 -0.02 0.00	32.16 0.13 0.00
BABYLON_RES_REC 323704	29.76 0.59 0.00	25.10 0.41 0.00	26.88 0.32 0.00	26.39 0.40 0.00	25.88 0.30 0.00	29.45 0.58 0.00	36.22 0.66 4.44	44.47 0.77 1.42	28.31 0.56 4.36	26.71 1.00 0.00	33.03 1.59 0.01	34.38 1.62 0.00	33.15 1.43 -0.91	31.00 1.51 0.00	27.31 1.47 -0.48	26.25 1.24 -3.59	32.96 1.41 0.00	60.45 1.80 0.00	45.32 1.24 0.00	39.84 1.12 0.00	39.01 1.18 0.00	39.44 1.18 0.00	34.76 1.03 0.00	32.68 0.65 0.00
BALL_HILL_WT_PWR 323825	29.03 -0.14 0.00	24.17 -0.52 0.00	26.25 -0.31 0.00	25.62 -0.38 0.00	25.17 -0.41 0.00	28.08 -0.79 0.00	38.26 -1.75 0.00	42.89 -2.23 0.00	30.96 -1.15 0.00	24.85 -0.86 0.00	31.09 -0.37 0.00	32.81 0.04 0.00	30.58 -0.22 0.00	29.06 -0.44 0.00	24.63 -0.70 0.04	20.19 -0.66 0.58	30.10 -1.45 0.00	55.19 -3.46 0.00	42.00 -2.09 0.00	36.62 -2.11 0.00	34.56 -2.47 0.81	36.08 -2.18 0.00	32.22 -1.51 0.00	31.58 -0.45 0.00
BARON_WINDS____WT_PWR 323822	28.77 -0.40 0.00	23.98 -0.71 0.00	25.83 -0.73 0.00	25.07 -0.92 0.00	24.56 -1.02 0.00	27.59 -1.28 0.00	38.03 -1.97 0.00	42.73 -2.39 0.00	30.38 -1.72 0.00	24.17 -1.54 0.00	30.02 -1.44 0.00	31.63 -1.14 0.00	29.77 -1.04 0.00	28.42 -1.08 0.00	24.08 -1.24 0.05	19.50 -1.15 0.77	29.83 -1.72 0.00	55.55 -3.10 0.00	42.18 -1.91 0.00	36.74 -1.99 0.00	30.33 -2.29 5.20	36.01 -2.25 0.00	31.87 -1.85 0.00	30.90 -1.12 0.00
BARRETT_IC_1 23704	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_10 23701	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_11 23702	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_12 23703	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_2 23705	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_3 23706	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_4 23707	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_5 23708	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00

BARRETT_IC_6 23709	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_7 23710	56.53 0.62 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.56 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.34 0.63 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.89 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.85 1.02 0.00	39.29 1.03 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_8 23711	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT_IC_9 23700	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT___1 23545	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BARRETT___2 23546	56.53 0.61 -26.74	25.22 0.45 -0.08	26.95 0.37 -0.01	26.45 0.46 0.00	26.00 0.39 -0.03	61.55 0.67 -32.01	88.34 0.78 -47.56	48.52 0.83 -2.57	40.35 0.64 -7.61	26.83 1.04 -0.08	97.51 1.63 -64.42	133.88 1.71 -99.41	51.84 1.46 -19.58	31.07 1.49 -0.08	29.42 1.42 -2.64	26.16 1.15 -3.59	32.84 1.29 0.00	60.20 1.55 0.00	45.16 1.08 0.00	39.65 0.92 0.00	38.86 1.02 0.00	39.28 1.02 0.00	34.63 0.91 0.00	32.64 0.61 0.00
BATAVIA__115KV_TB1 55881	29.85 0.68 0.00	24.94 0.25 0.00	27.01 0.44 0.00	26.46 0.47 0.00	26.05 0.47 0.00	29.06 0.19 0.00	39.70 -0.29 0.00	44.70 -0.43 0.00	32.13 0.03 0.00	25.60 -0.11 0.00	31.57 0.11 0.00	32.96 0.19 0.00	30.75 -0.05 0.00	29.29 -0.20 0.00	24.91 -0.43 0.03	20.48 -0.45 0.49	30.65 -0.90 0.00	56.54 -2.12 0.00	43.10 -0.98 0.00	37.91 -0.82 0.00	36.21 -1.06 0.56	37.55 -0.71 0.00	33.59 -0.13 0.00	32.74 0.71 0.00
BAYONEEC___CTG1 323682	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG10 323750	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG2 323683	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG3 323684	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG4 323685	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG5 323686	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG6 323687	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG7 323688	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00

BAYONEEC___CTG8 323689	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BAYONEEC___CTG9 323749	29.91 0.74 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.75 0.00	26.28 0.70 0.00	29.72 0.85 0.00	41.23 1.23 0.00	46.54 1.42 0.00	33.20 1.10 0.00	26.98 1.27 0.00	33.18 1.73 0.00	34.63 1.87 0.00	32.60 1.80 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.39 -3.60	33.42 1.87 0.00	61.19 2.54 0.00	45.82 1.73 0.00	40.23 1.50 0.00	39.41 1.58 0.00	39.92 1.66 0.00	35.13 1.41 0.00	33.17 1.14 0.00
BEACON___LESR 323632	29.24 0.07 0.00	24.91 0.22 0.00	26.85 0.28 0.00	26.24 0.24 0.00	25.87 0.29 0.00	29.32 0.44 0.00	40.67 0.67 0.00	46.02 0.90 0.00	32.69 0.59 0.00	26.16 0.45 0.00	31.90 0.45 0.00	33.23 0.47 0.00	31.18 0.39 0.00	29.83 0.33 0.00	25.81 0.38 -0.07	22.81 0.38 -1.01	32.21 0.65 0.00	59.94 1.28 0.00	44.86 0.78 0.00	39.42 0.70 0.00	38.65 0.81 0.00	39.00 0.75 0.00	34.33 0.61 0.00	32.58 0.55 0.00
BEAVER RIVER___HYD 24048	30.39 1.22 0.00	25.56 0.87 0.00	27.35 0.79 0.00	26.78 0.79 0.00	26.41 0.84 0.00	29.75 0.88 0.00	41.22 1.22 0.00	46.62 1.50 0.00	32.88 0.77 0.00	25.79 0.08 0.00	30.93 -0.52 0.00	31.86 -0.91 0.00	30.22 -0.59 0.00	28.97 -0.53 0.00	24.89 -0.47 0.00	20.88 -0.54 0.00	30.98 -0.58 0.00	59.39 0.74 0.00	45.55 1.47 0.00	39.88 1.16 0.00	38.31 0.48 0.00	38.91 0.65 0.00	33.95 0.23 0.00	32.03 0.01 0.00
BEEBEE_GT_13 23619	29.38 0.20 0.00	24.61 -0.08 0.00	26.62 0.06 0.00	26.07 0.07 0.00	25.68 0.10 0.00	28.77 -0.10 0.00	39.53 -0.47 0.00	44.56 -0.56 0.00	31.89 -0.21 0.00	25.51 -0.20 0.00	31.45 0.00 0.00	32.88 0.12 0.00	30.73 -0.07 0.00	29.28 -0.22 0.00	25.03 -0.33 0.00	21.10 -0.32 0.00	30.97 -0.58 0.00	57.43 -1.23 0.00	43.38 -0.71 0.00	38.09 -0.64 0.00	37.05 -0.78 0.00	37.65 -0.61 0.00	33.42 -0.30 0.00	32.17 0.15 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.99 0.82 0.00	25.40 0.71 0.00	27.31 0.74 0.00	26.91 0.92 0.00	26.45 0.87 0.00	29.92 1.05 0.00	41.51 1.51 0.00	46.79 1.67 0.00	33.52 1.42 0.00	27.21 1.50 0.00	33.32 1.86 0.00	34.75 1.98 0.00	32.74 1.94 0.00	31.33 1.84 0.00	27.29 1.69 -0.23	26.51 1.49 -3.60	33.56 2.00 0.00	61.32 2.66 0.00	45.93 1.84 0.00	40.43 1.70 0.00	39.62 1.79 0.00	40.12 1.86 0.00	35.28 1.56 0.00	33.30 1.27 0.00
BETHLEHEM___GRP 23843	28.86 -0.32 0.00	24.58 -0.11 0.00	26.42 -0.14 0.00	25.88 -0.11 0.00	25.47 -0.10 0.00	28.81 -0.06 0.00	39.93 -0.07 0.00	45.21 0.09 0.00	32.17 0.07 0.00	25.80 0.09 0.00	31.49 0.04 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.51 0.01 0.00	25.51 0.09 -0.06	22.56 0.14 -0.99	31.76 0.20 0.00	58.88 0.22 0.00	44.07 -0.01 0.00	38.76 0.03 0.00	38.01 0.18 0.00	38.33 0.07 0.00	33.81 0.09 0.00	32.01 -0.01 0.00
BETHLEHEM___GS1 323560	28.85 -0.32 0.00	24.58 -0.11 0.00	26.42 -0.14 0.00	25.88 -0.11 0.00	25.47 -0.10 0.00	28.81 -0.06 0.00	39.93 -0.07 0.00	45.21 0.09 0.00	32.16 0.06 0.00	25.81 0.09 0.00	31.49 0.04 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.51 0.01 0.00	25.51 0.09 -0.06	22.56 0.14 -0.99	31.75 0.20 0.00	58.88 0.22 0.00	44.07 -0.01 0.00	38.76 0.03 0.00	38.01 0.18 0.00	38.33 0.07 0.00	33.81 0.08 0.00	32.01 -0.01 0.00
BETHLEHEM___GS2 323561	28.85 -0.32 0.00	24.58 -0.11 0.00	26.42 -0.14 0.00	25.88 -0.11 0.00	25.47 -0.10 0.00	28.81 -0.06 0.00	39.93 -0.07 0.00	45.21 0.09 0.00	32.16 0.06 0.00	25.81 0.09 0.00	31.49 0.04 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.51 0.01 0.00	25.51 0.09 -0.06	22.56 0.14 -0.99	31.75 0.20 0.00	58.88 0.22 0.00	44.07 -0.01 0.00	38.76 0.03 0.00	38.01 0.18 0.00	38.33 0.07 0.00	33.81 0.08 0.00	32.01 -0.01 0.00
BETHLEHEM___GS3 323562	28.85 -0.32 0.00	24.58 -0.11 0.00	26.42 -0.14 0.00	25.88 -0.11 0.00	25.47 -0.10 0.00	28.81 -0.06 0.00	39.93 -0.07 0.00	45.21 0.09 0.00	32.16 0.06 0.00	25.81 0.09 0.00	31.49 0.04 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.51 0.01 0.00	25.51 0.09 -0.06	22.56 0.14 -0.99	31.75 0.20 0.00	58.88 0.22 0.00	44.07 -0.01 0.00	38.76 0.03 0.00	38.01 0.18 0.00	38.33 0.07 0.00	33.81 0.08 0.00	32.01 -0.01 0.00
BETHLEHEM___STEEL 23779	29.23 0.06 0.00	24.39 -0.30 0.00	26.46 -0.10 0.00	25.86 -0.14 0.00	25.43 -0.15 0.00	28.30 -0.57 0.00	38.51 -1.49 0.00	43.24 -1.87 0.00	31.18 -0.93 0.00	25.09 -0.63 0.00	31.25 -0.21 0.00	32.82 0.05 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.76 -0.56 0.04	20.28 -0.56 0.57	30.25 -1.30 0.00	55.37 -3.28 0.00	42.01 -2.07 0.00	36.79 -1.93 0.00	34.70 -2.18 0.95	36.45 -1.81 0.00	32.69 -1.03 0.00	32.01 -0.02 0.00
BETHLHEM_115KV_TB1 79974	28.94 -0.23 0.00	24.64 -0.04 0.00	26.50 -0.07 0.00	25.95 -0.05 0.00	25.53 -0.04 0.00	28.88 0.01 0.00	40.03 0.03 0.00	45.31 0.19 0.00	32.23 0.13 0.00	25.87 0.15 0.00	31.58 0.12 0.00	32.86 0.09 0.00	30.89 0.09 0.00	29.59 0.10 0.00	25.59 0.16 -0.06	22.60 0.19 -0.99	31.83 0.28 0.00	59.02 0.36 0.00	44.20 0.11 0.00	38.86 0.14 0.00	38.12 0.29 0.00	38.43 0.17 0.00	33.89 0.16 0.00	32.10 0.08 0.00
BETHPAGE_CC_5 323564	30.84 0.44 -1.23	25.02 0.33 0.00	26.80 0.23 0.00	26.31 0.31 0.00	25.80 0.22 0.00	30.80 0.45 -1.47	38.64 0.49 1.85	44.50 0.56 1.18	28.92 0.43 3.62	26.60 0.88 0.00	36.01 1.59 -2.97	38.96 1.61 -4.59	34.06 1.43 -1.83	30.98 1.48 0.00	27.38 1.42 -0.60	26.12 1.11 -3.59	32.80 1.25 0.00	60.14 1.49 0.00	45.11 1.02 0.00	39.76 1.03 0.00	38.94 1.11 0.00	39.35 1.09 0.00	34.65 0.92 0.00	32.53 0.50 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.27 0.09 0.00	24.42 -0.27 0.00	26.49 -0.07 0.00	25.88 -0.11 0.00	25.45 -0.12 0.00	28.34 -0.53 0.00	38.59 -1.41 0.00	43.34 -1.78 0.00	31.24 -0.87 0.00	25.14 -0.58 0.00	31.31 -0.14 0.00	32.89 0.12 0.00	30.71 -0.09 0.00	29.24 -0.26 0.00	24.82 -0.51 0.04	20.32 -0.52 0.58	30.32 -1.24 0.00	55.52 -3.13 0.00	42.11 -1.98 0.00	36.86 -1.86 0.00	34.83 -2.10 0.91	36.52 -1.74 0.00	32.74 -0.99 0.00	32.04 0.02 0.00
BINGHAMTON___COGEN 23790	29.17 -0.01 0.00	24.59 -0.10 0.00	26.53 -0.03 0.00	25.93 -0.06 0.00	25.50 -0.08 0.00	28.78 -0.09 0.00	39.88 -0.12 0.00	44.89 -0.23 0.00	31.91 -0.20 0.00	25.50 -0.21 0.00	31.37 -0.09 0.00	32.83 0.07 0.00	30.77 -0.03 0.00	29.40 -0.10 0.00	25.12 -0.17 0.07	20.16 -0.14 1.12	31.31 -0.24 0.00	58.22 -0.44 0.00	43.89 -0.19 0.00	38.49 -0.24 0.00	37.61 -0.22 0.00	38.02 -0.24 0.00	33.46 -0.26 0.00	31.99 -0.04 0.00

BIXINCNT_115KV_LOAD 355685	29.17 0.00 0.00	24.30 -0.39 0.00	26.20 -0.36 0.00	25.59 -0.41 0.00	25.19 -0.38 0.00	28.07 -0.80 0.00	38.34 -1.66 0.00	43.03 -2.09 0.00	30.98 -1.12 0.00	25.06 -0.65 0.00	31.25 -0.21 0.00	32.95 0.19 0.00	30.86 0.06 0.00	29.40 -0.10 0.00	24.91 -0.41 0.04	20.30 -0.52 0.60	30.33 -1.22 0.00	55.59 -3.07 0.00	42.28 -1.81 0.00	36.68 -2.05 0.00	34.91 -2.28 0.65	36.19 -2.07 0.00	32.31 -1.42 0.00	31.72 -0.31 0.00
BLACK RIVER___HYD 24047	30.57 1.40 0.00	25.68 0.99 0.00	27.45 0.89 0.00	26.91 0.91 0.00	26.54 0.96 0.00	29.89 1.02 0.00	41.42 1.42 0.00	46.87 1.75 0.00	32.94 0.84 0.00	25.72 0.01 0.00	30.66 -0.80 0.00	31.50 -1.27 0.00	29.93 -0.87 0.00	28.70 -0.80 0.00	24.70 -0.67 0.00	20.70 -0.73 0.00	30.74 -0.82 0.00	59.59 0.94 0.00	45.93 1.85 0.00	40.34 1.61 0.00	38.62 0.78 0.00	39.09 0.84 0.00	34.07 0.34 0.00	32.13 0.11 0.00
BLACKRVR_115KV_TB2 79977	30.57 1.40 0.00	25.68 0.99 0.00	27.46 0.89 0.00	26.91 0.92 0.00	26.54 0.96 0.00	29.89 1.02 0.00	41.42 1.42 0.00	46.87 1.75 0.00	32.94 0.84 0.00	25.72 0.01 0.00	30.66 -0.80 0.00	31.50 -1.27 0.00	29.93 -0.87 0.00	28.70 -0.80 0.00	24.70 -0.67 0.00	20.70 -0.72 0.00	30.74 -0.82 0.00	59.59 0.94 0.00	45.93 1.85 0.00	40.34 1.61 0.00	38.62 0.78 0.00	39.09 0.83 0.00	34.07 0.34 0.00	32.13 0.10 0.00
BLDWN_LI_69_KV_BK4 356085	37.81 0.72 -7.91	25.26 0.54 -0.02	27.04 0.47 0.00	26.54 0.55 0.00	26.06 0.48 -0.01	39.13 0.78 -9.47	52.68 0.97 -11.71	46.18 1.06 0.00	32.82 0.79 0.07	26.88 1.14 -0.02	52.30 1.77 -19.07	64.02 1.83 -29.43	39.02 1.60 -6.63	31.16 1.64 -0.02	28.09 1.56 -1.17	26.28 1.27 -3.59	33.06 1.50 0.00	60.66 2.01 0.00	45.52 1.43 0.00	40.01 1.29 0.00	39.20 1.36 0.00	39.61 1.36 0.00	34.89 1.17 0.00	32.84 0.81 0.00
BLISS_WT_PWR 323608	29.10 -0.07 0.00	24.21 -0.48 0.00	26.05 -0.51 0.00	25.44 -0.56 0.00	25.06 -0.52 0.00	27.91 -0.96 0.00	38.14 -1.86 0.00	42.79 -2.33 0.00	30.83 -1.27 0.00	24.98 -0.73 0.00	31.17 -0.28 0.00	32.89 0.12 0.00	30.83 0.03 0.00	29.38 -0.12 0.00	24.88 -0.44 0.04	20.26 -0.56 0.60	30.30 -1.26 0.00	55.52 -3.14 0.00	42.22 -1.86 0.00	36.56 -2.17 0.00	34.78 -2.41 0.65	36.03 -2.23 0.00	32.15 -1.58 0.00	31.61 -0.41 0.00
BLUESTONE___WT_PWR 323821	31.46 2.29 0.00	26.45 1.76 0.00	27.57 1.01 0.00	26.29 0.29 0.00	25.56 -0.01 0.00	28.91 0.04 0.00	40.59 0.59 0.00	45.40 0.28 0.00	31.96 -0.14 0.00	25.69 -0.02 0.00	32.25 0.80 0.00	33.32 0.55 0.00	31.15 0.35 0.00	29.50 0.00 0.00	25.12 -0.16 0.08	19.87 -0.33 1.22	31.29 -0.27 0.00	58.46 -0.19 0.00	44.10 0.01 0.00	38.88 0.15 0.00	37.88 0.05 0.00	37.50 -0.76 0.00	33.20 -0.52 0.00	31.82 -0.20 0.00
BLUE_CIRC_CHEM_DRP 24182	29.35 0.18 0.00	24.96 0.27 0.00	26.84 0.28 0.00	26.28 0.29 0.00	25.87 0.29 0.00	29.26 0.38 0.00	40.54 0.54 0.00	45.79 0.67 0.00	32.52 0.42 0.00	25.99 0.28 0.00	31.71 0.25 0.00	33.01 0.25 0.00	31.02 0.22 0.00	29.72 0.22 0.00	25.68 0.24 -0.07	22.71 0.26 -1.03	32.01 0.46 0.00	59.63 0.97 0.00	44.70 0.61 0.00	39.29 0.56 0.00	38.53 0.70 0.00	38.88 0.62 0.00	34.28 0.55 0.00	32.49 0.46 0.00
BOC_GAS_DRP 24189	29.18 0.01 0.00	24.80 0.11 0.00	26.66 0.09 0.00	26.11 0.11 0.00	25.69 0.11 0.00	29.05 0.18 0.00	40.27 0.27 0.00	45.50 0.38 0.00	32.39 0.29 0.00	26.02 0.30 0.00	31.81 0.36 0.00	33.12 0.36 0.00	31.14 0.34 0.00	29.83 0.33 0.00	25.77 0.35 -0.06	22.71 0.34 -0.95	32.03 0.48 0.00	59.34 0.68 0.00	44.46 0.38 0.00	39.09 0.36 0.00	38.32 0.49 0.00	38.69 0.43 0.00	34.09 0.37 0.00	32.30 0.27 0.00
BOONVILLE_115KV_TB1 79983	30.03 0.86 0.00	25.33 0.64 0.00	27.18 0.62 0.00	26.59 0.60 0.00	26.21 0.64 0.00	29.60 0.73 0.00	41.08 1.08 0.00	46.42 1.30 0.00	32.83 0.72 0.00	25.94 0.23 0.00	31.43 -0.02 0.00	32.58 -0.19 0.00	30.73 -0.07 0.00	29.46 -0.04 0.00	25.33 -0.04 0.00	21.34 -0.09 0.00	31.64 0.08 0.00	59.80 1.14 0.00	45.38 1.30 0.00	39.77 1.04 0.00	38.55 0.71 0.00	38.99 0.73 0.00	34.19 0.46 0.00	32.35 0.32 0.00
BORALEX_4TH_BRANCH 23824	29.54 0.36 0.00	25.09 0.40 0.00	27.06 0.50 0.00	26.47 0.48 0.00	26.08 0.50 0.00	29.65 0.77 0.00	41.19 1.19 0.00	46.66 1.55 0.00	33.12 1.02 0.00	26.50 0.79 0.00	32.25 0.80 0.00	33.50 0.74 0.00	31.32 0.53 0.00	30.01 0.51 0.00	25.97 0.54 -0.07	23.09 0.54 -1.12	32.59 1.04 0.00	60.72 2.07 0.00	45.34 1.26 0.00	39.91 1.19 0.00	39.15 1.32 0.00	39.39 1.13 0.00	34.76 1.03 0.00	32.83 0.80 0.00
BOWLINE___1 23526	29.60 0.42 0.00	25.07 0.38 0.00	26.97 0.41 0.00	26.49 0.50 0.00	26.04 0.46 0.00	29.49 0.61 0.00	40.97 0.97 0.00	46.26 1.14 0.00	32.95 0.85 0.00	26.64 0.93 0.00	32.72 1.27 0.00	34.17 1.40 0.00	32.13 1.33 0.00	30.75 1.25 0.00	26.83 1.17 -0.30	26.99 1.05 -4.52	32.99 1.43 0.00	60.67 2.01 0.00	45.54 1.46 0.00	40.01 1.28 0.00	39.17 1.33 0.00	39.59 1.33 0.00	34.78 1.06 0.00	32.88 0.85 0.00
BOWLINE___2 23595	29.60 0.42 0.00	25.06 0.37 0.00	26.96 0.40 0.00	26.48 0.49 0.00	26.03 0.45 0.00	29.48 0.61 0.00	40.95 0.95 0.00	46.24 1.12 0.00	32.93 0.83 0.00	26.63 0.92 0.00	32.72 1.26 0.00	34.15 1.38 0.00	32.12 1.32 0.00	30.74 1.24 0.00	26.82 1.16 -0.30	26.97 1.04 -4.51	32.98 1.43 0.00	60.66 2.00 0.00	45.53 1.45 0.00	39.99 1.27 0.00	39.14 1.31 0.00	39.57 1.31 0.00	34.77 1.04 0.00	32.86 0.84 0.00
BRADY___115KV_TB2 356060	30.50 1.33 0.00	25.75 1.06 0.00	27.68 1.12 0.00	27.09 1.09 0.00	26.67 1.09 0.00	30.05 1.17 0.00	41.56 1.57 0.00	46.87 1.75 0.00	33.17 1.07 0.00	26.34 0.63 0.00	32.12 0.66 0.00	33.42 0.65 0.00	31.46 0.67 0.00	30.10 0.60 0.00	25.84 0.48 0.00	21.70 0.28 0.00	31.97 0.41 0.00	59.91 1.25 0.00	45.49 1.41 0.00	39.95 1.23 0.00	38.91 1.08 0.00	39.50 1.24 0.00	34.85 1.12 0.00	33.02 1.00 0.00
BRANSCOMB___SOLAR 323811	29.84 0.66 0.00	25.32 0.63 0.00	27.29 0.72 0.00	26.72 0.73 0.00	26.32 0.74 0.00	29.83 0.96 0.00	41.50 1.50 0.00	46.98 1.86 0.00	33.21 1.11 0.00	26.40 0.69 0.00	32.12 0.66 0.00	33.35 0.59 0.00	31.24 0.44 0.00	29.93 0.43 0.00	25.86 0.44 -0.06	22.82 0.49 -0.91	32.57 1.01 0.00	60.90 2.24 0.00	45.65 1.57 0.00	40.19 1.46 0.00	39.33 1.50 0.00	39.62 1.36 0.00	34.99 1.27 0.00	33.10 1.08 0.00
BRDGHMPT_69_KV_BK1 55812	28.23 0.52 1.46	25.04 0.35 0.00	26.77 0.21 0.00	26.35 0.35 0.00	25.93 0.35 0.00	27.75 0.63 1.75	32.92 0.77 7.84	44.26 0.96 1.82	27.23 0.69 5.56	26.77 1.06 0.00	29.23 1.55 3.78	28.99 1.66 5.44	32.26 1.68 0.22	31.20 1.70 0.00	27.22 1.52 -0.34	26.50 1.49 -3.59	33.30 1.75 0.00	61.10 2.44 0.00	45.65 1.57 0.00	40.07 1.35 0.00	39.15 1.32 0.00	39.42 1.16 0.00	34.65 0.92 0.00	32.46 0.43 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	28.82 0.66 1.01	25.17 0.48 0.00	26.95 0.39 0.00	26.47 0.47 0.00	25.94 0.36 0.00	28.28 0.62 1.21	33.84 0.69 6.85	44.17 0.76 1.71	27.43 0.57 5.24	26.78 1.07 0.00	30.64 1.66 2.47	30.66 1.66 3.77	32.50 1.57 -0.12	31.11 1.62 0.00	27.25 1.51 -0.38	26.34 1.33 -3.59	33.04 1.49 0.00	60.57 1.92 0.00	45.41 1.32 0.00	39.90 1.18 0.00	39.10 1.26 0.00	39.53 1.27 0.00	34.83 1.11 0.00	32.76 0.74 0.00
BRISTLHL_115KV_TB1 79998	28.53 -0.64 0.00	24.11 -0.57 0.00	25.94 -0.62 0.00	25.39 -0.61 0.00	25.00 -0.58 0.00	28.24 -0.63 0.00	39.17 -0.83 0.00	44.22 -0.90 0.00	31.41 -0.69 0.00	25.07 -0.64 0.00	30.64 -0.81 0.00	31.89 -0.87 0.00	29.98 -0.82 0.00	28.72 -0.78 0.00	24.67 -0.70 0.00	20.85 -0.57 0.00	30.71 -0.85 0.00	57.30 -1.36 0.00	43.17 -0.91 0.00	37.93 -0.80 0.00	37.03 -0.80 0.00	37.46 -0.80 0.00	32.99 -0.73 0.00	31.43 -0.60 0.00
BROOKHAVEN___DRP 24191	27.91 0.21 1.47	24.78 0.10 0.00	26.51 -0.05 0.00	26.05 0.06 0.00	25.57 0.00 0.00	27.32 0.21 1.76	32.27 0.14 7.86	43.48 0.19 1.82	26.68 0.15 5.57	26.37 0.66 0.00	28.73 1.08 3.80	28.44 1.15 5.48	31.71 1.15 0.23	30.69 1.20 0.00	26.82 1.13 -0.33	26.12 1.11 -3.59	32.72 1.16 0.00	59.92 1.27 0.00	44.78 0.70 0.00	39.35 0.63 0.00	38.58 0.74 0.00	38.96 0.70 0.00	34.36 0.63 0.00	32.24 0.22 0.00
BROOKLYN_NAVY_YARD 23515	29.83 0.66 0.00	25.26 0.57 0.00	27.13 0.57 0.00	26.67 0.67 0.00	26.20 0.62 0.00	29.62 0.75 0.00	41.12 1.12 0.00	46.45 1.33 0.00	33.12 1.02 0.00	26.93 1.22 0.00	33.07 1.63 0.01	34.53 1.77 0.00	32.51 1.71 0.00	31.12 1.62 0.00	27.11 1.51 -0.23	26.35 1.33 -3.60	33.34 1.78 0.00	61.02 2.36 0.00	45.69 1.61 0.00	40.15 1.42 0.00	39.33 1.49 0.00	39.85 1.59 0.00	35.06 1.33 0.00	33.09 1.07 0.00
BROOKLYN___ARMY_DRP 323595	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
BROOME_2_LFGE 323671	29.17 -0.01 0.00	24.59 -0.10 0.00	26.53 -0.03 0.00	25.93 -0.06 0.00	25.50 -0.08 0.00	28.78 -0.09 0.00	39.88 -0.12 0.00	44.89 -0.23 0.00	31.91 -0.20 0.00	25.49 -0.22 0.00	31.37 -0.08 0.00	32.84 0.07 0.00	30.77 -0.03 0.00	29.41 -0.09 0.00	25.12 -0.17 0.07	20.16 -0.14 1.12	31.31 -0.24 0.00	58.22 -0.44 0.00	43.89 -0.19 0.00	38.50 -0.23 0.00	37.61 -0.22 0.00	38.02 -0.24 0.00	33.47 -0.25 0.00	31.99 -0.04 0.00
BROOME___LFGE 323600	29.17 -0.01 0.00	24.59 -0.10 0.00	26.53 -0.03 0.00	25.93 -0.06 0.00	25.50 -0.08 0.00	28.78 -0.09 0.00	39.88 -0.12 0.00	44.89 -0.23 0.00	31.91 -0.20 0.00	25.49 -0.22 0.00	31.37 -0.08 0.00	32.84 0.07 0.00	30.77 -0.03 0.00	29.41 -0.09 0.00	25.12 -0.17 0.07	20.16 -0.14 1.12	31.31 -0.24 0.00	58.22 -0.44 0.00	43.89 -0.19 0.00	38.50 -0.23 0.00	37.61 -0.22 0.00	38.02 -0.24 0.00	33.47 -0.25 0.00	31.99 -0.04 0.00
BROWNFLS_115KV_TB 3_5 80003	30.45 1.28 0.00	25.65 0.96 0.00	27.49 0.93 0.00	26.90 0.91 0.00	26.51 0.94 0.00	29.87 1.00 0.00	41.35 1.35 0.00	46.73 1.61 0.00	33.02 0.92 0.00	26.03 0.31 0.00	31.41 -0.04 0.00	32.48 -0.29 0.00	30.69 -0.11 0.00	29.39 -0.11 0.00	25.21 -0.15 0.00	21.14 -0.28 0.00	31.24 -0.32 0.00	59.38 0.72 0.00	45.33 1.24 0.00	39.66 0.93 0.00	38.35 0.52 0.00	39.07 0.81 0.00	34.28 0.56 0.00	32.38 0.36 0.00
BROWNSV1_27_KV_LOAD 356125	30.16 0.99 0.00	25.52 0.83 0.00	27.42 0.86 0.00	26.94 0.94 0.00	26.47 0.90 0.00	29.95 1.08 0.00	41.60 1.60 0.00	46.98 1.86 0.00	33.51 1.40 0.00	27.22 1.51 0.00	33.48 2.03 0.00	34.94 2.17 0.00	32.88 2.09 0.00	31.47 1.98 0.00	27.41 1.81 -0.23	26.60 1.58 -3.60	33.72 2.16 0.00	61.77 3.11 0.00	46.26 2.17 0.00	40.62 1.89 0.00	39.79 1.96 0.00	40.28 2.02 0.00	35.44 1.72 0.00	33.46 1.43 0.00
BURROWS___LYONSDAL 23803	30.11 0.94 0.00	25.38 0.69 0.00	27.21 0.64 0.00	26.62 0.63 0.00	26.24 0.66 0.00	29.62 0.74 0.00	41.08 1.08 0.00	46.43 1.31 0.00	32.82 0.72 0.00	25.89 0.17 0.00	31.28 -0.18 0.00	32.36 -0.41 0.00	30.57 -0.23 0.00	29.31 -0.18 0.00	25.20 -0.17 0.00	21.21 -0.21 0.00	31.45 -0.10 0.00	59.66 1.00 0.00	45.40 1.31 0.00	39.76 1.04 0.00	38.42 0.59 0.00	38.92 0.66 0.00	34.05 0.33 0.00	32.19 0.16 0.00
CAITHNESS_CC_1 323624	27.90 0.21 1.48	24.79 0.10 0.00	26.52 -0.04 0.00	26.05 0.06 0.00	25.57 0.00 0.00	27.30 0.20 1.77	32.23 0.12 7.89	43.45 0.16 1.82	26.68 0.15 5.57	26.38 0.67 0.00	28.71 1.08 3.82	28.42 1.17 5.51	31.70 1.14 0.24	30.68 1.19 0.00	26.83 1.14 -0.33	26.10 1.09 -3.59	32.69 1.14 0.00	59.85 1.20 0.00	44.74 0.66 0.00	39.33 0.60 0.00	38.55 0.72 0.00	38.96 0.70 0.00	34.36 0.64 0.00	32.25 0.22 0.00
CALPINE BETH_PAGE_GT4 24209	31.78 0.42 -2.19	24.99 0.30 -0.01	26.76 0.20 0.00	26.27 0.28 0.00	25.77 0.19 0.00	31.93 0.44 -2.62	40.76 0.48 -0.28	44.71 0.54 0.94	29.61 0.42 2.91	26.60 0.88 -0.01	38.32 1.60 -5.27	42.53 1.64 -8.12	34.81 1.45 -2.56	31.00 1.50 -0.01	27.48 1.42 -0.69	26.10 1.09 -3.59	32.79 1.24 0.00	60.13 1.47 0.00	45.10 1.01 0.00	39.69 0.96 0.00	38.87 1.04 0.00	39.30 1.03 0.00	34.59 0.86 0.00	32.53 0.50 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.78 0.42 -2.19	24.99 0.29 -0.01	26.76 0.20 0.00	26.28 0.28 0.00	25.77 0.19 0.00	31.92 0.44 -2.62	40.75 0.47 -0.28	44.71 0.53 0.94	29.61 0.42 2.91	26.60 0.88 -0.01	38.31 1.59 -5.27	42.53 1.64 -8.12	34.81 1.45 -2.56	31.00 1.49 -0.01	27.49 1.43 -0.69	26.10 1.09 -3.59	32.79 1.24 0.00	60.13 1.47 0.00	45.10 1.01 0.00	39.69 0.96 0.00	38.87 1.03 0.00	39.29 1.03 0.00	34.60 0.87 0.00	32.53 0.50 0.00
CALPINE_BP_GT1 23823	31.78 0.42 -2.19	24.99 0.29 -0.01	26.76 0.20 0.00	26.28 0.28 0.00	25.77 0.19 0.00	31.92 0.44 -2.62	40.75 0.47 -0.28	44.71 0.53 0.94	29.61 0.42 2.91	26.60 0.88 -0.01	38.31 1.59 -5.27	42.53 1.64 -8.12	34.81 1.45 -2.56	31.00 1.49 -0.01	27.49 1.43 -0.69	26.10 1.09 -3.59	32.79 1.24 0.00	60.13 1.47 0.00	45.10 1.01 0.00	39.69 0.96 0.00	38.87 1.03 0.00	39.29 1.03 0.00	34.60 0.87 0.00	32.53 0.50 0.00
CALSPAN___DRP 24200	29.23 0.06 0.00	24.39 -0.30 0.00	26.46 -0.10 0.00	25.86 -0.14 0.00	25.43 -0.15 0.00	28.30 -0.57 0.00	38.51 -1.49 0.00	43.24 -1.87 0.00	31.18 -0.93 0.00	25.09 -0.63 0.00	31.25 -0.21 0.00	32.82 0.05 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.76 -0.56 0.04	20.28 -0.56 0.57	30.25 -1.30 0.00	55.37 -3.28 0.00	42.01 -2.07 0.00	36.79 -1.93 0.00	34.70 -2.18 0.95	36.45 -1.81 0.00	32.69 -1.03 0.00	32.01 -0.02 0.00

CALVERTON___SOLAR 323806	27.93 0.23 1.47	24.80 0.11 0.00	26.53 -0.03 0.00	26.07 0.08 0.00	25.59 0.02 0.00	27.36 0.24 1.76	32.33 0.19 7.86	43.55 0.25 1.82	26.72 0.19 5.56	26.39 0.69 0.00	28.74 1.08 3.79	28.47 1.17 5.46	31.76 1.19 0.22	30.73 1.24 0.00	26.85 1.15 -0.34	26.15 1.14 -3.59	32.78 1.23 0.00	60.06 1.41 0.00	44.87 0.78 0.00	39.42 0.70 0.00	38.63 0.79 0.00	39.00 0.74 0.00	34.39 0.67 0.00	32.26 0.23 0.00
CANDIGU_WT_PWR 323617	28.77 -0.40 0.00	23.98 -0.71 0.00	25.83 -0.73 0.00	25.07 -0.92 0.00	24.56 -1.02 0.00	27.59 -1.28 0.00	38.03 -1.97 0.00	42.73 -2.39 0.00	30.38 -1.72 0.00	24.17 -1.54 0.00	30.02 -1.44 0.00	31.63 -1.14 0.00	29.77 -1.04 0.00	28.42 -1.08 0.00	24.08 -1.24 0.05	19.50 -1.15 0.77	29.83 -1.72 0.00	55.55 -3.10 0.00	42.18 -1.91 0.00	36.74 -1.99 0.00	30.33 -2.29 5.20	36.01 -2.25 0.00	31.87 -1.85 0.00	30.90 -1.12 0.00
CARR STREET_E_SYR 24060	28.68 -0.49 0.00	24.23 -0.46 0.00	26.08 -0.48 0.00	25.52 -0.47 0.00	25.12 -0.46 0.00	28.37 -0.50 0.00	39.37 -0.63 0.00	44.40 -0.71 0.00	31.54 -0.56 0.00	25.20 -0.51 0.00	30.84 -0.61 0.00	32.15 -0.61 0.00	30.20 -0.60 0.00	28.92 -0.58 0.00	24.84 -0.53 0.00	20.99 -0.43 0.00	30.93 -0.63 0.00	57.60 -1.06 0.00	43.37 -0.72 0.00	38.09 -0.64 0.00	37.20 -0.64 0.00	37.71 -0.55 0.00	33.22 -0.50 0.00	31.66 -0.37 0.00
CARTHAGE___PAPER 23857	30.68 1.51 0.00	25.79 1.10 0.00	27.58 1.01 0.00	27.01 1.02 0.00	26.64 1.07 0.00	30.01 1.15 0.00	41.61 1.61 0.00	47.07 1.95 0.00	33.11 1.01 0.00	25.89 0.18 0.00	30.95 -0.50 0.00	31.84 -0.93 0.00	30.21 -0.59 0.00	28.97 -0.53 0.00	24.90 -0.46 0.00	20.88 -0.54 0.00	31.04 -0.52 0.00	59.85 1.19 0.00	46.03 1.95 0.00	40.36 1.64 0.00	38.71 0.88 0.00	39.25 0.99 0.00	34.23 0.51 0.00	32.28 0.25 0.00
CASSADAGA_WT_PWR 323784	28.81 -0.36 0.00	23.86 -0.82 0.00	25.94 -0.63 0.00	25.23 -0.76 0.00	24.64 -0.94 0.00	27.57 -1.30 0.00	37.58 -2.42 0.00	42.08 -3.04 0.00	30.58 -1.52 0.00	24.63 -1.08 0.00	31.12 -0.33 0.00	33.13 0.37 0.00	30.73 -0.06 0.00	29.16 -0.33 0.00	24.61 -0.72 0.04	20.22 -0.61 0.59	30.05 -1.50 0.00	55.27 -3.38 0.00	42.37 -1.71 0.00	36.44 -2.29 0.00	34.07 -3.12 0.64	35.24 -3.01 0.00	31.35 -2.37 0.00	30.81 -1.21 0.00
CE_DUNWOOD___DRP 24194	29.77 0.60 0.00	25.22 0.53 0.00	27.12 0.56 0.00	26.63 0.64 0.00	26.18 0.60 0.00	29.63 0.76 0.00	41.14 1.14 0.00	46.47 1.35 0.00	33.11 1.01 0.00	26.84 1.13 0.00	32.99 1.53 0.00	34.41 1.65 0.00	32.36 1.57 0.00	30.97 1.48 0.00	26.97 1.37 -0.24	26.31 1.21 -3.68	33.20 1.65 0.00	60.98 2.32 0.00	45.72 1.64 0.00	40.15 1.42 0.00	39.33 1.50 0.00	39.78 1.52 0.00	34.98 1.26 0.00	33.05 1.02 0.00
CE_MILLWOOD___DRP 24193	29.72 0.54 0.00	25.17 0.49 0.00	27.07 0.50 0.00	26.58 0.58 0.00	26.13 0.55 0.00	29.58 0.71 0.00	41.07 1.08 0.00	46.40 1.28 0.00	33.06 0.95 0.00	26.77 1.06 0.00	32.89 1.43 0.00	34.31 1.54 0.00	32.26 1.46 0.00	30.88 1.38 0.00	26.89 1.28 -0.25	26.36 1.14 -3.80	33.11 1.55 0.00	60.85 2.19 0.00	45.64 1.55 0.00	40.10 1.37 0.00	39.26 1.42 0.00	39.71 1.45 0.00	34.90 1.18 0.00	32.98 0.95 0.00
CE_NYC2_DRP 24202	29.95 0.78 0.00	25.37 0.68 0.00	27.27 0.70 0.00	26.82 0.82 0.00	26.34 0.77 0.00	29.81 0.94 0.00	41.29 1.29 0.00	46.57 1.45 0.00	33.29 1.19 0.00	27.08 1.37 0.00	33.25 1.80 0.00	34.70 1.93 0.00	32.67 1.87 0.00	31.27 1.77 0.00	27.24 1.64 -0.23	26.46 1.44 -3.60	33.47 1.91 0.00	61.17 2.52 0.00	45.77 1.69 0.00	40.22 1.49 0.00	39.42 1.59 0.00	39.98 1.72 0.00	35.19 1.47 0.00	33.22 1.19 0.00
CE_NYC_DRP 24195	29.94 0.77 0.00	25.35 0.66 0.00	27.25 0.68 0.00	26.77 0.78 0.00	26.31 0.74 0.00	29.75 0.88 0.00	41.29 1.29 0.00	46.61 1.50 0.00	33.24 1.14 0.00	27.02 1.31 0.00	33.24 1.78 0.00	34.70 1.93 0.00	32.66 1.87 0.00	31.26 1.76 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.49 1.94 0.00	61.32 2.67 0.00	45.91 1.83 0.00	40.31 1.58 0.00	39.48 1.65 0.00	39.98 1.72 0.00	35.18 1.45 0.00	33.22 1.19 0.00
CHAFFEE___LFGE 323603	29.30 0.13 0.00	24.45 -0.23 0.00	26.53 -0.03 0.00	25.92 -0.07 0.00	25.50 -0.08 0.00	28.41 -0.46 0.00	38.73 -1.27 0.00	43.50 -1.61 0.00	31.34 -0.76 0.00	25.19 -0.52 0.00	31.35 -0.10 0.00	32.89 0.13 0.00	30.71 -0.09 0.00	29.23 -0.27 0.00	24.82 -0.51 0.04	20.33 -0.50 0.59	30.35 -1.21 0.00	55.59 -3.06 0.00	42.17 -1.91 0.00	36.97 -1.76 0.00	35.04 -1.99 0.80	36.63 -1.63 0.00	32.82 -0.90 0.00	32.11 0.08 0.00
CHATEAUG_35_KV_LOAD 355732	30.10 0.93 0.00	25.46 0.77 0.00	27.43 0.86 0.00	26.76 0.76 0.00	26.33 0.75 0.00	29.62 0.75 0.00	40.81 0.81 0.00	46.07 0.95 0.00	32.74 0.64 0.00	26.14 0.43 0.00	31.87 0.42 0.00	33.20 0.43 0.00	31.35 0.55 0.00	30.04 0.54 0.00	25.80 0.43 0.00	21.74 0.31 0.00	32.04 0.49 0.00	60.08 1.42 0.00	45.50 1.41 0.00	39.57 0.85 0.00	38.44 0.60 0.00	38.89 0.63 0.00	34.26 0.53 0.00	32.17 0.14 0.00
CHATEAUG_WT_PWR 323614	29.99 0.82 0.00	25.36 0.68 0.00	27.33 0.76 0.00	26.68 0.69 0.00	26.25 0.67 0.00	29.54 0.67 0.00	40.73 0.73 0.00	45.96 0.84 0.00	32.69 0.59 0.00	26.12 0.41 0.00	31.86 0.41 0.00	33.18 0.41 0.00	31.33 0.53 0.00	30.02 0.53 0.00	25.79 0.43 0.00	21.74 0.32 0.00	32.05 0.49 0.00	60.12 1.46 0.00	45.48 1.39 0.00	39.45 0.73 0.00	38.34 0.51 0.00	38.80 0.54 0.00	34.18 0.46 0.00	32.12 0.10 0.00
CHAT_HIGH_FALL_HYD 323578	30.10 0.93 0.00	25.46 0.77 0.00	27.43 0.86 0.00	26.76 0.76 0.00	26.33 0.75 0.00	29.62 0.75 0.00	40.81 0.81 0.00	46.07 0.95 0.00	32.74 0.64 0.00	26.14 0.43 0.00	31.87 0.42 0.00	33.20 0.43 0.00	31.35 0.55 0.00	30.04 0.54 0.00	25.80 0.43 0.00	21.74 0.31 0.00	32.04 0.49 0.00	60.08 1.42 0.00	45.50 1.41 0.00	39.57 0.85 0.00	38.44 0.60 0.00	38.89 0.63 0.00	34.26 0.53 0.00	32.17 0.14 0.00
CHAUTAUQUA___LFGE 323629	28.96 -0.21 0.00	24.05 -0.64 0.00	26.15 -0.41 0.00	25.49 -0.51 0.00	25.00 -0.57 0.00	27.94 -0.93 0.00	38.14 -1.86 0.00	42.73 -2.39 0.00	30.88 -1.22 0.00	24.74 -0.97 0.00	31.06 -0.39 0.00	32.92 0.16 0.00	30.62 -0.18 0.00	29.09 -0.40 0.00	24.62 -0.70 0.04	20.21 -0.63 0.58	30.10 -1.45 0.00	55.28 -3.37 0.00	42.22 -1.87 0.00	36.66 -2.06 0.00	34.50 -2.57 0.76	35.90 -2.36 0.00	31.96 -1.77 0.00	31.35 -0.67 0.00
CHERRYST_13_KV_LD 356241	30.01 0.84 0.00	25.41 0.72 0.00	27.31 0.75 0.00	26.83 0.84 0.00	26.38 0.80 0.00	29.83 0.96 0.00	41.39 1.39 0.00	46.75 1.63 0.00	33.35 1.25 0.00	27.11 1.40 0.00	33.35 1.89 0.00	34.82 2.05 0.00	32.77 1.97 0.00	31.36 1.86 0.00	27.32 1.72 -0.23	26.53 1.50 -3.60	33.60 2.04 0.00	61.54 2.88 0.00	46.05 1.97 0.00	40.42 1.70 0.00	39.60 1.76 0.00	40.08 1.82 0.00	35.27 1.55 0.00	33.30 1.27 0.00

CHESTROR_138KV_BK263 355645	29.52 0.35 0.00	25.01 0.32 0.00	26.91 0.34 0.00	26.41 0.41 0.00	25.96 0.38 0.00	29.39 0.52 0.00	40.85 0.85 0.00	46.13 1.01 0.00	32.84 0.74 0.00	26.49 0.77 0.00	32.50 1.05 0.00	33.91 1.15 0.00	31.89 1.10 0.00	30.52 1.02 0.00	27.20 0.96 -0.87	35.57 0.87 -13.28	32.77 1.22 0.00	60.42 1.77 0.00	45.41 1.33 0.00	39.94 1.21 0.00	39.09 1.26 0.00	39.50 1.24 0.00	34.70 0.98 0.00	32.82 0.79 0.00
CH_MIDHUDSON___DRP 24192	29.78 0.61 0.00	25.24 0.55 0.00	27.15 0.58 0.00	26.64 0.65 0.00	26.19 0.62 0.00	29.67 0.80 0.00	41.22 1.22 0.00	46.61 1.49 0.00	33.19 1.09 0.00	26.82 1.10 0.00	32.89 1.44 0.00	34.26 1.49 0.00	32.17 1.37 0.00	30.78 1.28 0.00	26.76 1.20 -0.19	25.43 1.07 -2.93	33.07 1.51 0.00	60.99 2.33 0.00	45.75 1.66 0.00	40.22 1.49 0.00	39.39 1.55 0.00	39.79 1.53 0.00	34.99 1.27 0.00	33.07 1.05 0.00
CH_MISC_IPPS 23765	29.92 0.75 0.00	25.35 0.66 0.00	27.26 0.69 0.00	26.75 0.76 0.00	26.31 0.73 0.00	29.80 0.93 0.00	41.43 1.43 0.00	46.84 1.72 0.00	33.34 1.24 0.00	26.91 1.20 0.00	33.00 1.54 0.00	34.39 1.62 0.00	32.30 1.50 0.00	30.91 1.41 0.00	26.89 1.31 -0.22	25.96 1.18 -3.36	33.24 1.68 0.00	61.32 2.67 0.00	46.02 1.94 0.00	40.46 1.73 0.00	39.61 1.78 0.00	40.02 1.76 0.00	35.17 1.45 0.00	33.23 1.21 0.00
CH_RES_BVR_FALLS 23983	29.37 0.20 0.00	24.83 0.14 0.00	26.68 0.11 0.00	25.99 0.00 0.00	25.58 0.00 0.00	28.74 -0.13 0.00	39.67 -0.33 0.00	44.69 -0.43 0.00	31.84 -0.26 0.00	25.51 -0.20 0.00	31.20 -0.25 0.00	32.46 -0.31 0.00	30.62 -0.18 0.00	29.38 -0.11 0.00	25.25 -0.11 0.00	21.27 -0.15 0.00	31.31 -0.24 0.00	58.33 -0.33 0.00	44.01 -0.07 0.00	38.35 -0.38 0.00	37.21 -0.62 0.00	37.55 -0.71 0.00	33.04 -0.68 0.00	31.31 -0.72 0.00
CH_RES_NIAGARA 23895	28.92 -0.25 0.00	24.13 -0.56 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.27 -2.85 0.00	30.62 -1.49 0.00	24.72 -0.99 0.00	30.82 -0.63 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.45 -0.88 0.04	20.04 -0.86 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.26 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.38 -1.35 0.00	31.83 -0.20 0.00
CH_RES_SYRACUSE 23985	28.91 -0.27 0.00	24.42 -0.27 0.00	26.29 -0.27 0.00	25.73 -0.26 0.00	25.32 -0.26 0.00	28.62 -0.25 0.00	39.74 -0.26 0.00	44.82 -0.29 0.00	31.81 -0.29 0.00	25.37 -0.34 0.00	31.02 -0.44 0.00	32.34 -0.43 0.00	30.36 -0.44 0.00	29.08 -0.42 0.00	24.96 -0.40 0.00	21.11 -0.31 0.00	31.13 -0.42 0.00	58.10 -0.56 0.00	43.75 -0.34 0.00	38.43 -0.30 0.00	37.51 -0.32 0.00	37.94 -0.32 0.00	33.43 -0.29 0.00	31.85 -0.18 0.00
CLINTON_WT_PWR 323605	29.99 0.82 0.00	25.36 0.68 0.00	27.33 0.76 0.00	26.68 0.69 0.00	26.25 0.67 0.00	29.54 0.67 0.00	40.73 0.73 0.00	45.96 0.84 0.00	32.69 0.59 0.00	26.12 0.41 0.00	31.86 0.41 0.00	33.18 0.41 0.00	31.33 0.53 0.00	30.02 0.53 0.00	25.79 0.43 0.00	21.74 0.32 0.00	32.05 0.49 0.00	60.12 1.46 0.00	45.48 1.39 0.00	39.45 0.73 0.00	38.34 0.51 0.00	38.80 0.54 0.00	34.18 0.46 0.00	32.12 0.10 0.00
CLINTON___LFGE 323618	30.58 1.41 0.00	25.89 1.20 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.82 1.24 0.00	30.18 1.31 0.00	41.66 1.66 0.00	47.06 1.94 0.00	33.36 1.26 0.00	26.50 0.78 0.00	32.29 0.83 0.00	33.58 0.81 0.00	31.73 0.93 0.00	30.43 0.94 0.00	26.15 0.78 0.00	22.08 0.65 0.00	32.60 1.05 0.00	61.36 2.70 0.00	46.35 2.27 0.00	40.27 1.55 0.00	39.13 1.30 0.00	39.51 1.25 0.00	34.81 1.08 0.00	32.53 0.50 0.00
COBBLENY_34_KV_TB1 80064	29.30 0.13 0.00	24.45 -0.24 0.00	26.53 -0.03 0.00	25.92 -0.07 0.00	25.49 -0.08 0.00	28.41 -0.47 0.00	38.73 -1.27 0.00	43.50 -1.62 0.00	31.34 -0.76 0.00	25.19 -0.52 0.00	31.34 -0.11 0.00	32.89 0.13 0.00	30.71 -0.09 0.00	29.23 -0.27 0.00	24.83 -0.50 0.04	20.32 -0.51 0.59	30.35 -1.21 0.00	55.59 -3.06 0.00	42.18 -1.90 0.00	36.97 -1.76 0.00	35.04 -2.00 0.80	36.63 -1.63 0.00	32.83 -0.90 0.00	32.11 0.08 0.00
COFFEEN___115KV_TB3 355620	30.73 1.56 0.00	25.81 1.12 0.00	27.59 1.03 0.00	27.04 1.05 0.00	26.68 1.10 0.00	30.07 1.20 0.00	41.72 1.72 0.00	47.20 2.08 0.00	33.12 1.02 0.00	25.78 0.07 0.00	30.70 -0.75 0.00	31.52 -1.25 0.00	29.93 -0.87 0.00	28.70 -0.80 0.00	24.70 -0.67 0.00	20.70 -0.72 0.00	30.73 -0.82 0.00	59.83 1.17 0.00	46.21 2.13 0.00	40.62 1.89 0.00	38.91 1.08 0.00	39.39 1.13 0.00	34.32 0.60 0.00	32.37 0.34 0.00
COLDSPRG_115KV_BK1 355956	29.43 0.25 0.00	24.50 -0.19 0.00	26.66 0.09 0.00	26.00 0.01 0.00	25.48 -0.10 0.00	28.49 -0.38 0.00	38.91 -1.08 0.00	43.74 -1.38 0.00	31.50 -0.61 0.00	25.31 -0.40 0.00	31.79 0.33 0.00	33.69 0.93 0.00	31.34 0.54 0.00	29.72 0.22 0.00	25.12 -0.21 0.04	20.54 -0.27 0.61	30.58 -0.97 0.00	56.25 -2.41 0.00	42.98 -1.10 0.00	37.26 -1.47 0.00	35.38 -1.99 0.46	36.43 -1.83 0.00	32.38 -1.34 0.00	31.67 -0.36 0.00
COLONIE_LFGE___ 323577	29.48 0.30 0.00	25.04 0.35 0.00	26.95 0.39 0.00	26.39 0.40 0.00	25.98 0.40 0.00	29.44 0.57 0.00	40.87 0.88 0.00	46.25 1.13 0.00	32.83 0.73 0.00	26.28 0.57 0.00	32.04 0.58 0.00	33.31 0.55 0.00	31.24 0.43 0.00	29.93 0.43 0.00	25.87 0.44 -0.06	22.86 0.45 -0.99	32.34 0.79 0.00	60.18 1.52 0.00	45.06 0.98 0.00	39.65 0.92 0.00	38.86 1.03 0.00	39.14 0.88 0.00	34.54 0.81 0.00	32.68 0.65 0.00
COOPERNY_115KV_TB1 80082	29.41 0.24 0.00	24.91 0.22 0.00	26.80 0.24 0.00	26.28 0.29 0.00	25.84 0.27 0.00	29.25 0.37 0.00	40.63 0.63 0.00	45.83 0.72 0.00	32.64 0.54 0.00	26.30 0.58 0.00	32.27 0.82 0.00	33.69 0.92 0.00	31.66 0.86 0.00	30.29 0.79 0.00	25.65 0.74 0.46	15.12 0.68 6.98	32.52 0.97 0.00	60.05 1.39 0.00	45.11 1.03 0.00	39.68 0.96 0.00	38.84 1.01 0.00	39.26 1.00 0.00	34.49 0.77 0.00	32.67 0.64 0.00
COPENHAGEN_WT_PWR 323753	30.37 1.20 0.00	25.51 0.82 0.00	27.26 0.69 0.00	26.71 0.72 0.00	26.34 0.76 0.00	29.63 0.75 0.00	40.96 0.96 0.00	46.34 1.22 0.00	32.64 0.54 0.00	25.57 -0.14 0.00	30.47 -0.99 0.00	31.26 -1.51 0.00	29.76 -1.04 0.00	28.55 -0.95 0.00	24.60 -0.77 0.00	20.58 -0.84 0.00	30.56 -1.00 0.00	59.08 0.42 0.00	45.51 1.43 0.00	39.96 1.24 0.00	38.16 0.33 0.00	38.63 0.37 0.00	33.62 -0.10 0.00	31.70 -0.33 0.00
CORNELL_____ 23752	29.63 0.46 0.00	24.98 0.29 0.00	26.89 0.32 0.00	26.27 0.28 0.00	25.82 0.24 0.00	29.19 0.32 0.00	40.56 0.56 0.00	45.73 0.61 0.00	32.36 0.26 0.00	25.63 -0.08 0.00	31.29 -0.16 0.00	32.63 -0.13 0.00	30.58 -0.22 0.00	29.26 -0.24 0.00	25.04 -0.28 0.05	20.46 -0.18 0.78	31.39 -0.17 0.00	58.81 0.16 0.00	44.60 0.52 0.00	39.21 0.48 0.00	38.54 0.43 -0.28	38.65 0.39 0.00	34.01 0.28 0.00	32.41 0.39 0.00

CORONA V_69_KV_TB1 355595	46.08 0.84 -16.06	25.38 0.64 -0.05	27.15 0.58 -0.01	26.66 0.66 0.00	26.18 0.59 -0.02	49.00 0.90 -19.23	69.50 1.15 -28.35	47.85 1.25 -1.47	37.40 0.94 -4.36	27.00 1.24 -0.05	72.02 1.86 -38.70	94.47 1.98 -59.72	45.24 1.72 -12.72	31.28 1.74 -0.05	28.93 1.63 -1.94	26.35 1.34 -3.59	33.19 1.63 0.00	60.90 2.24 0.00	45.69 1.60 0.00	40.11 1.38 0.00	39.29 1.46 0.00	39.72 1.46 0.00	34.98 1.26 0.00	32.97 0.94 0.00
CORTLAND_115KV_TB3 80093	29.32 0.14 0.00	24.75 0.06 0.00	26.65 0.09 0.00	26.05 0.05 0.00	25.62 0.05 0.00	28.97 0.09 0.00	40.22 0.22 0.00	45.35 0.22 0.00	32.15 0.05 0.00	25.56 -0.15 0.00	31.28 -0.17 0.00	32.64 -0.13 0.00	30.63 -0.17 0.00	29.31 -0.19 0.00	25.11 -0.22 0.04	20.63 -0.16 0.63	31.37 -0.18 0.00	58.61 -0.05 0.00	44.31 0.22 0.00	38.90 0.17 0.00	37.98 0.15 0.00	38.38 0.11 0.00	33.77 0.05 0.00	32.16 0.13 0.00
COXSACKIE__GT 23611	30.12 0.95 0.00	25.62 0.93 0.00	27.53 0.96 0.00	26.95 0.96 0.00	26.55 0.98 0.00	30.12 1.25 0.00	41.95 1.95 0.00	47.68 2.56 0.00	33.76 1.66 0.00	26.63 0.92 0.00	32.10 0.65 0.00	33.28 0.51 0.00	31.24 0.44 0.00	29.92 0.42 0.00	25.88 0.43 -0.08	23.09 0.45 -1.22	32.44 0.88 0.00	61.10 2.45 0.00	46.32 2.24 0.00	40.79 2.06 0.00	39.92 2.08 0.00	40.18 1.91 0.00	35.37 1.65 0.00	33.42 1.40 0.00
CPV_VALLEY__CC1 323721	29.34 0.16 0.00	24.86 0.17 0.00	26.75 0.18 0.00	26.25 0.25 0.00	25.80 0.22 0.00	29.20 0.33 0.00	40.57 0.57 0.00	45.80 0.68 0.00	32.63 0.53 0.00	26.32 0.61 0.00	32.31 0.85 0.00	33.72 0.96 0.00	31.72 0.91 0.00	30.34 0.84 0.00	25.68 0.81 0.49	14.70 0.73 7.46	32.57 1.02 0.00	60.05 1.40 0.00	45.11 1.03 0.00	39.72 0.99 0.00	38.87 1.04 0.00	39.28 1.02 0.00	34.51 0.79 0.00	32.65 0.62 0.00
CPV_VALLEY__CC2 323722	29.34 0.16 0.00	24.86 0.17 0.00	26.75 0.18 0.00	26.25 0.25 0.00	25.80 0.22 0.00	29.20 0.33 0.00	40.57 0.57 0.00	45.80 0.68 0.00	32.63 0.53 0.00	26.32 0.61 0.00	32.31 0.85 0.00	33.72 0.96 0.00	31.72 0.91 0.00	30.34 0.84 0.00	25.68 0.81 0.49	14.70 0.73 7.46	32.57 1.02 0.00	60.05 1.40 0.00	45.11 1.03 0.00	39.72 0.99 0.00	38.87 1.04 0.00	39.28 1.02 0.00	34.51 0.79 0.00	32.65 0.62 0.00
CRESCENT__HYD 24018	29.48 0.30 0.00	25.04 0.35 0.00	26.95 0.39 0.00	26.39 0.40 0.00	25.98 0.40 0.00	29.44 0.57 0.00	40.87 0.88 0.00	46.25 1.13 0.00	32.83 0.73 0.00	26.28 0.57 0.00	32.04 0.58 0.00	33.31 0.55 0.00	31.24 0.43 0.00	29.93 0.43 0.00	25.87 0.44 -0.06	22.86 0.45 -0.99	32.34 0.79 0.00	60.18 1.52 0.00	45.06 0.98 0.00	39.65 0.92 0.00	38.86 1.03 0.00	39.14 0.88 0.00	34.54 0.81 0.00	32.68 0.65 0.00
CRICKET__VALLEY_CC1 323756	29.46 0.29 0.00	25.00 0.31 0.00	26.91 0.34 0.00	26.40 0.41 0.00	25.97 0.40 0.00	29.44 0.56 0.00	40.89 0.89 0.00	46.29 1.17 0.00	32.95 0.85 0.00	26.63 0.91 0.00	32.61 1.15 0.00	33.96 1.19 0.00	31.86 1.06 0.00	30.49 0.99 0.00	26.49 0.96 -0.16	24.79 0.86 -2.51	32.76 1.20 0.00	60.50 1.84 0.00	45.34 1.26 0.00	39.87 1.15 0.00	39.07 1.24 0.00	39.43 1.17 0.00	34.70 0.97 0.00	32.80 0.77 0.00
CRICKET__VALLEY_CC2 323757	29.46 0.29 0.00	25.00 0.31 0.00	26.91 0.34 0.00	26.40 0.41 0.00	25.97 0.40 0.00	29.44 0.56 0.00	40.89 0.89 0.00	46.29 1.17 0.00	32.95 0.85 0.00	26.63 0.91 0.00	32.61 1.15 0.00	33.96 1.19 0.00	31.86 1.06 0.00	30.49 0.99 0.00	26.49 0.96 -0.16	24.79 0.86 -2.51	32.76 1.20 0.00	60.50 1.84 0.00	45.34 1.26 0.00	39.87 1.15 0.00	39.07 1.24 0.00	39.43 1.17 0.00	34.70 0.97 0.00	32.80 0.77 0.00
CRICKET__VALLEY_CC3 323758	29.46 0.29 0.00	25.00 0.31 0.00	26.91 0.34 0.00	26.40 0.41 0.00	25.97 0.40 0.00	29.44 0.56 0.00	40.89 0.89 0.00	46.29 1.17 0.00	32.95 0.85 0.00	26.63 0.91 0.00	32.61 1.15 0.00	33.96 1.19 0.00	31.86 1.06 0.00	30.49 0.99 0.00	26.49 0.96 -0.16	24.79 0.86 -2.51	32.76 1.20 0.00	60.50 1.84 0.00	45.34 1.26 0.00	39.87 1.15 0.00	39.07 1.24 0.00	39.43 1.17 0.00	34.70 0.97 0.00	32.80 0.77 0.00
CRUCIBLE_METL_DRP 24180	28.90 -0.27 0.00	24.42 -0.27 0.00	26.29 -0.27 0.00	25.73 -0.26 0.00	25.32 -0.26 0.00	28.62 -0.25 0.00	39.74 -0.26 0.00	44.82 -0.30 0.00	31.81 -0.29 0.00	25.37 -0.34 0.00	31.02 -0.44 0.00	32.34 -0.43 0.00	30.36 -0.44 0.00	29.08 -0.42 0.00	24.96 -0.40 0.00	21.11 -0.32 0.00	31.13 -0.42 0.00	58.10 -0.56 0.00	43.75 -0.33 0.00	38.43 -0.30 0.00	37.51 -0.32 0.00	37.95 -0.32 0.00	33.43 -0.29 0.00	31.84 -0.18 0.00
DAHOWA__HYDRO 323763	29.94 0.77 0.00	25.41 0.72 0.00	27.38 0.82 0.00	26.82 0.83 0.00	26.42 0.84 0.00	29.96 1.09 0.00	41.72 1.72 0.00	47.24 2.12 0.00	33.38 1.28 0.00	26.50 0.78 0.00	32.21 0.75 0.00	33.44 0.68 0.00	31.30 0.50 0.00	29.98 0.49 0.00	25.92 0.49 -0.06	22.86 0.54 -0.89	32.69 1.13 0.00	61.18 2.52 0.00	45.85 1.77 0.00	40.37 1.64 0.00	39.51 1.68 0.00	39.77 1.51 0.00	35.15 1.43 0.00	33.24 1.21 0.00
DANC__LFGE 323619	29.70 0.53 0.00	25.00 0.31 0.00	26.78 0.22 0.00	26.23 0.24 0.00	25.85 0.28 0.00	29.14 0.27 0.00	40.34 0.34 0.00	45.61 0.49 0.00	32.21 0.11 0.00	25.38 -0.33 0.00	30.54 -0.91 0.00	31.51 -1.26 0.00	29.85 -0.95 0.00	28.61 -0.89 0.00	24.61 -0.75 0.00	20.68 -0.74 0.00	30.57 -0.99 0.00	58.34 -0.32 0.00	44.62 0.53 0.00	39.19 0.47 0.00	37.77 -0.06 0.00	38.25 -0.01 0.00	33.43 -0.29 0.00	31.64 -0.39 0.00
DANSKAMMER__1 23586	29.92 0.75 0.00	25.35 0.66 0.00	27.26 0.69 0.00	26.75 0.76 0.00	26.31 0.73 0.00	29.80 0.93 0.00	41.43 1.43 0.00	46.84 1.72 0.00	33.34 1.24 0.00	26.91 1.20 0.00	33.00 1.54 0.00	34.39 1.62 0.00	32.30 1.50 0.00	30.91 1.41 0.00	26.89 1.31 -0.22	25.96 1.18 -3.36	33.24 1.68 0.00	61.32 2.67 0.00	46.02 1.94 0.00	40.46 1.73 0.00	39.61 1.78 0.00	40.02 1.76 0.00	35.17 1.45 0.00	33.23 1.21 0.00
DANSKAMMER__2 23589	29.92 0.75 0.00	25.35 0.66 0.00	27.26 0.69 0.00	26.75 0.76 0.00	26.31 0.73 0.00	29.80 0.93 0.00	41.43 1.43 0.00	46.84 1.72 0.00	33.34 1.24 0.00	26.91 1.20 0.00	33.00 1.54 0.00	34.39 1.62 0.00	32.30 1.50 0.00	30.91 1.41 0.00	26.89 1.31 -0.22	25.96 1.18 -3.36	33.24 1.68 0.00	61.32 2.67 0.00	46.02 1.94 0.00	40.46 1.73 0.00	39.61 1.78 0.00	40.02 1.76 0.00	35.17 1.45 0.00	33.23 1.21 0.00
DANSKAMMER__3 23590	29.92 0.75 0.00	25.35 0.66 0.00	27.26 0.69 0.00	26.75 0.76 0.00	26.31 0.73 0.00	29.80 0.93 0.00	41.43 1.43 0.00	46.84 1.72 0.00	33.34 1.24 0.00	26.91 1.20 0.00	33.00 1.54 0.00	34.39 1.62 0.00	32.30 1.50 0.00	30.91 1.41 0.00	26.89 1.31 -0.22	25.96 1.18 -3.36	33.24 1.68 0.00	61.32 2.67 0.00	46.02 1.94 0.00	40.46 1.73 0.00	39.61 1.78 0.00	40.02 1.76 0.00	35.17 1.45 0.00	33.23 1.21 0.00

DANSKAMMER___4 23591	29.92 0.75 0.00	25.35 0.66 0.00	27.26 0.69 0.00	26.75 0.76 0.00	26.31 0.73 0.00	29.80 0.93 0.00	41.43 1.43 0.00	46.84 1.72 0.00	33.34 1.24 0.00	26.91 1.20 0.00	33.00 1.54 0.00	34.39 1.62 0.00	32.30 1.50 0.00	30.91 1.41 0.00	26.89 1.31 -0.22	25.96 1.18 -3.36	33.24 1.68 0.00	61.32 2.67 0.00	46.02 1.94 0.00	40.46 1.73 0.00	39.61 1.78 0.00	40.02 1.76 0.00	35.17 1.45 0.00	33.23 1.21 0.00
DANSKAMMER___DIESEL 23592	29.92 0.75 0.00	25.35 0.66 0.00	27.26 0.69 0.00	26.75 0.76 0.00	26.31 0.73 0.00	29.80 0.93 0.00	41.43 1.43 0.00	46.84 1.72 0.00	33.34 1.24 0.00	26.91 1.20 0.00	33.00 1.55 0.00	34.39 1.62 0.00	32.30 1.50 0.00	30.91 1.41 0.00	26.89 1.31 -0.22	25.96 1.18 -3.36	33.24 1.69 0.00	61.33 2.67 0.00	46.02 1.94 0.00	40.46 1.74 0.00	39.61 1.78 0.00	40.02 1.76 0.00	35.17 1.45 0.00	33.23 1.21 0.00
DARBY___SOLAR 323810	29.83 0.66 0.00	25.32 0.63 0.00	27.29 0.72 0.00	26.73 0.73 0.00	26.32 0.75 0.00	29.83 0.96 0.00	41.51 1.51 0.00	46.99 1.88 0.00	33.21 1.11 0.00	26.40 0.69 0.00	32.10 0.65 0.00	33.34 0.58 0.00	31.23 0.43 0.00	29.92 0.42 0.00	25.86 0.44 -0.06	22.83 0.50 -0.91	32.57 1.02 0.00	60.90 2.24 0.00	45.65 1.56 0.00	40.18 1.45 0.00	39.33 1.50 0.00	39.61 1.35 0.00	34.99 1.27 0.00	33.10 1.08 0.00
DASHVILLE___HYD 23610	29.68 0.50 0.00	25.16 0.47 0.00	27.04 0.47 0.00	26.53 0.53 0.00	26.09 0.51 0.00	29.54 0.67 0.00	41.05 1.05 0.00	46.41 1.29 0.00	33.07 0.96 0.00	26.72 1.01 0.00	32.75 1.29 0.00	34.10 1.34 0.00	32.00 1.20 0.00	30.61 1.11 0.00	26.53 1.05 -0.12	24.21 0.93 -1.85	32.86 1.31 0.00	60.65 2.00 0.00	45.52 1.44 0.00	40.01 1.29 0.00	39.19 1.36 0.00	39.60 1.34 0.00	34.83 1.11 0.00	32.92 0.89 0.00
DELAWARE___LFGE 323621	29.61 0.44 0.00	25.07 0.37 0.00	26.90 0.33 0.00	26.29 0.29 0.00	25.83 0.25 0.00	29.21 0.34 0.00	40.58 0.58 0.00	45.72 0.60 0.00	32.49 0.39 0.00	26.08 0.37 0.00	32.06 0.60 0.00	33.46 0.69 0.00	31.42 0.62 0.00	30.05 0.55 0.00	25.73 0.47 0.10	20.31 0.41 1.52	32.16 0.60 0.00	59.67 1.01 0.00	44.78 0.70 0.00	39.36 0.64 0.00	38.51 0.68 0.00	38.90 0.64 0.00	34.23 0.51 0.00	32.51 0.49 0.00
DERFIELD_115KV_TB7 355931	29.14 -0.03 0.00	24.69 0.00 0.00	26.56 -0.01 0.00	25.98 -0.01 0.00	25.56 -0.02 0.00	28.87 0.00 0.00	40.04 0.04 0.00	45.18 0.06 0.00	32.11 0.01 0.00	25.71 0.00 0.00	31.44 -0.02 0.00	32.73 -0.03 0.00	30.77 -0.03 0.00	29.48 -0.02 0.00	25.36 0.00 0.00	21.44 0.02 0.00	31.59 0.04 0.00	58.78 0.12 0.00	44.17 0.09 0.00	38.81 0.08 0.00	37.91 0.08 0.00	38.31 0.05 0.00	33.74 0.02 0.00	32.03 0.00 0.00
DOGLEVILLE___HYD 23807	30.60 1.42 0.00	25.94 1.25 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.80 1.23 0.00	30.39 1.52 0.00	42.50 2.50 0.00	48.04 2.93 0.00	33.46 1.36 0.00	26.25 0.54 0.00	31.98 0.52 0.00	33.30 0.53 0.00	31.20 0.40 0.00	29.83 0.33 0.00	25.71 0.35 0.00	21.81 0.38 0.00	32.41 0.85 0.00	61.47 2.81 0.00	46.72 2.64 0.00	41.12 2.39 0.00	40.24 2.40 0.00	40.59 2.33 0.00	35.77 2.05 0.00	33.88 1.86 0.00
DUNKIRK___115KV_TB_200 55889	28.97 -0.20 0.00	24.08 -0.61 0.00	26.19 -0.38 0.00	25.53 -0.47 0.00	25.05 -0.53 0.00	27.99 -0.88 0.00	38.21 -1.79 0.00	42.81 -2.31 0.00	30.93 -1.17 0.00	24.77 -0.94 0.00	31.07 -0.39 0.00	32.90 0.13 0.00	30.62 -0.18 0.00	29.09 -0.41 0.00	24.63 -0.69 0.04	20.21 -0.63 0.58	30.11 -1.44 0.00	55.30 -3.36 0.00	42.19 -1.90 0.00	36.67 -2.06 0.00	34.56 -2.51 0.77	35.96 -2.30 0.00	32.03 -1.69 0.00	31.41 -0.61 0.00
DUNKIRK___1 23563	28.97 -0.20 0.00	24.08 -0.61 0.00	26.19 -0.38 0.00	25.53 -0.47 0.00	25.05 -0.53 0.00	27.99 -0.88 0.00	38.21 -1.79 0.00	42.81 -2.31 0.00	30.93 -1.17 0.00	24.77 -0.94 0.00	31.07 -0.39 0.00	32.90 0.13 0.00	30.62 -0.18 0.00	29.09 -0.41 0.00	24.63 -0.69 0.04	20.21 -0.63 0.58	30.11 -1.44 0.00	55.30 -3.36 0.00	42.19 -1.90 0.00	36.67 -2.06 0.00	34.56 -2.51 0.77	35.96 -2.30 0.00	32.03 -1.69 0.00	31.41 -0.61 0.00
DUNKIRK___2 23564	28.97 -0.20 0.00	24.08 -0.61 0.00	26.19 -0.38 0.00	25.53 -0.47 0.00	25.05 -0.53 0.00	27.99 -0.88 0.00	38.21 -1.79 0.00	42.81 -2.31 0.00	30.93 -1.17 0.00	24.77 -0.94 0.00	31.07 -0.39 0.00	32.90 0.13 0.00	30.62 -0.18 0.00	29.09 -0.41 0.00	24.63 -0.69 0.04	20.21 -0.63 0.58	30.11 -1.44 0.00	55.30 -3.36 0.00	42.19 -1.90 0.00	36.67 -2.06 0.00	34.56 -2.51 0.77	35.96 -2.30 0.00	32.03 -1.69 0.00	31.41 -0.61 0.00
DUNKIRK___3 23565	29.00 -0.17 0.00	24.15 -0.54 0.00	26.25 -0.31 0.00	25.61 -0.39 0.00	25.15 -0.42 0.00	28.08 -0.79 0.00	38.30 -1.70 0.00	42.94 -2.19 0.00	30.98 -1.13 0.00	24.82 -0.89 0.00	31.08 -0.38 0.00	32.84 0.07 0.00	30.59 -0.21 0.00	29.08 -0.41 0.00	24.64 -0.69 0.04	20.20 -0.65 0.58	30.13 -1.43 0.00	55.26 -3.40 0.00	42.08 -2.00 0.00	36.67 -2.06 0.00	34.63 -2.41 0.79	36.09 -2.17 0.00	32.18 -1.54 0.00	31.54 -0.49 0.00
DUNKIRK___4 23566	29.00 -0.17 0.00	24.15 -0.54 0.00	26.25 -0.31 0.00	25.61 -0.39 0.00	25.15 -0.42 0.00	28.08 -0.79 0.00	38.30 -1.70 0.00	42.94 -2.19 0.00	30.98 -1.13 0.00	24.82 -0.89 0.00	31.08 -0.38 0.00	32.84 0.07 0.00	30.59 -0.21 0.00	29.08 -0.41 0.00	24.64 -0.69 0.04	20.20 -0.65 0.58	30.13 -1.43 0.00	55.26 -3.40 0.00	42.08 -2.00 0.00	36.67 -2.06 0.00	34.63 -2.41 0.79	36.09 -2.17 0.00	32.18 -1.54 0.00	31.54 -0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.83 0.66 0.00	25.27 0.58 0.00	27.17 0.60 0.00	26.68 0.69 0.00	26.22 0.64 0.00	29.68 0.81 0.00	41.18 1.18 0.00	46.50 1.39 0.00	33.14 1.04 0.00	26.88 1.17 0.00	33.06 1.61 0.00	34.49 1.72 0.00	32.44 1.64 0.00	31.05 1.55 0.00	27.04 1.44 -0.23	26.29 1.27 -3.60	33.27 1.72 0.00	61.08 2.42 0.00	45.77 1.68 0.00	40.19 1.46 0.00	39.37 1.54 0.00	39.84 1.58 0.00	35.05 1.33 0.00	33.11 1.08 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.69 0.51 0.00	25.15 0.46 0.00	27.05 0.49 0.00	26.55 0.56 0.00	26.10 0.52 0.00	29.57 0.70 0.00	41.09 1.09 0.00	46.42 1.30 0.00	33.06 0.96 0.00	26.67 0.96 0.00	32.72 1.26 0.00	34.12 1.36 0.00	32.07 1.27 0.00	30.68 1.19 0.00	26.75 1.11 -0.27	26.64 1.01 -4.21	32.98 1.43 0.00	60.83 2.17 0.00	45.69 1.60 0.00	40.19 1.46 0.00	39.33 1.50 0.00	39.75 1.49 0.00	34.92 1.19 0.00	33.00 0.98 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.88 0.71 0.00	25.33 0.64 0.00	27.21 0.65 0.00	26.76 0.77 0.00	26.29 0.71 0.00	29.74 0.86 0.00	41.28 1.29 0.00	46.62 1.50 0.00	33.33 1.23 0.00	27.04 1.33 0.00	33.09 1.64 0.00	34.53 1.76 0.00	32.52 1.72 0.00	31.15 1.65 0.00	27.14 1.54 -0.23	26.37 1.35 -3.60	33.32 1.76 0.00	61.03 2.37 0.00	45.73 1.65 0.00	40.20 1.47 0.00	39.41 1.58 0.00	39.93 1.67 0.00	35.11 1.38 0.00	33.15 1.12 0.00

E179THST_13_KV_LOAD 356214	29.99 0.82 0.00	25.41 0.72 0.00	27.30 0.74 0.00	26.85 0.85 0.00	26.37 0.79 0.00	29.84 0.97 0.00	41.44 1.44 0.00	46.80 1.68 0.00	33.46 1.36 0.00	27.15 1.44 0.00	33.23 1.78 0.00	34.68 1.92 0.00	32.67 1.87 0.00	31.28 1.79 0.00	27.26 1.66 -0.23	26.47 1.45 -3.60	33.46 1.91 0.00	61.31 2.66 0.00	45.95 1.87 0.00	40.39 1.66 0.00	39.57 1.74 0.00	40.10 1.84 0.00	35.25 1.53 0.00	33.27 1.25 0.00
EAST HAMPTON___GT 23717	28.39 0.69 1.46	25.17 0.49 0.00	26.89 0.33 0.00	26.50 0.51 0.00	26.16 0.58 0.00	28.01 0.89 1.75	33.30 1.14 7.84	44.74 1.44 1.82	27.57 1.03 5.56	27.04 1.33 0.00	29.56 1.88 3.78	29.34 2.01 5.44	32.59 2.01 0.22	31.52 2.03 0.00	27.50 1.81 -0.34	26.73 1.72 -3.59	33.64 2.08 0.00	61.79 3.14 0.00	46.17 2.09 0.00	40.49 1.76 0.00	39.42 1.59 0.00	39.58 1.32 0.00	34.68 0.96 0.00	32.45 0.42 0.00
EAST RIVER___6 23660	29.92 0.75 0.00	25.34 0.65 0.00	27.24 0.67 0.00	26.76 0.77 0.00	26.31 0.74 0.00	29.74 0.87 0.00	41.26 1.26 0.00	46.58 1.46 0.00	33.25 1.15 0.00	27.04 1.33 0.00	33.27 1.81 0.00	34.77 2.00 0.00	32.74 1.94 0.00	31.32 1.82 0.00	27.30 1.70 -0.23	26.51 1.49 -3.60	33.58 2.02 0.00	61.46 2.80 0.00	45.98 1.89 0.00	40.37 1.64 0.00	39.53 1.70 0.00	40.01 1.75 0.00	35.21 1.49 0.00	33.22 1.19 0.00
EAST RIVER___7 23524	29.92 0.75 0.00	25.34 0.65 0.00	27.24 0.67 0.00	26.76 0.77 0.00	26.31 0.74 0.00	29.74 0.87 0.00	41.26 1.26 0.00	46.58 1.46 0.00	33.25 1.15 0.00	27.04 1.33 0.00	33.27 1.81 0.00	34.77 2.00 0.00	32.74 1.94 0.00	31.32 1.82 0.00	27.30 1.70 -0.23	26.51 1.49 -3.60	33.58 2.02 0.00	61.46 2.80 0.00	45.98 1.89 0.00	40.37 1.64 0.00	39.53 1.70 0.00	40.01 1.75 0.00	35.21 1.49 0.00	33.22 1.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.77 0.60 0.00	25.22 0.53 0.00	27.12 0.56 0.00	26.63 0.64 0.00	26.18 0.60 0.00	29.63 0.76 0.00	41.14 1.14 0.00	46.47 1.35 0.00	33.11 1.01 0.00	26.84 1.13 0.00	32.99 1.53 0.00	34.41 1.65 0.00	32.36 1.57 0.00	30.97 1.48 0.00	26.97 1.37 -0.24	26.31 1.21 -3.68	33.20 1.65 0.00	60.98 2.32 0.00	45.72 1.64 0.00	40.15 1.42 0.00	39.33 1.50 0.00	39.78 1.52 0.00	34.98 1.26 0.00	33.05 1.02 0.00
EAST_HAMPTON___DIESEL 23722	28.38 0.68 1.46	25.16 0.48 0.00	26.88 0.31 0.00	26.50 0.51 0.00	26.16 0.58 0.00	28.01 0.89 1.75	33.31 1.15 7.84	44.74 1.44 1.82	27.58 1.04 5.56	27.04 1.33 0.00	29.58 1.90 3.78	29.34 2.02 5.44	32.60 2.02 0.22	31.53 2.04 0.00	27.51 1.81 -0.34	26.74 1.73 -3.59	33.64 2.09 0.00	61.79 3.14 0.00	46.17 2.09 0.00	40.49 1.76 0.00	39.41 1.58 0.00	39.55 1.29 0.00	34.65 0.93 0.00	32.40 0.37 0.00
EAST_POINT___SOLAR 323840	29.92 0.75 0.00	25.27 0.58 0.00	27.19 0.62 0.00	26.59 0.59 0.00	26.16 0.59 0.00	29.62 0.75 0.00	41.26 1.26 0.00	46.50 1.38 0.00	31.96 -0.14 0.00	24.90 -0.81 0.00	30.48 -0.97 0.00	31.89 -0.87 0.00	29.98 -0.82 0.00	28.70 -0.79 0.00	24.88 -0.49 0.00	21.06 -0.37 0.00	31.14 -0.41 0.00	59.43 0.78 0.00	45.40 1.31 0.00	40.00 1.27 0.00	39.01 1.18 0.00	39.41 1.15 0.00	34.69 0.96 0.00	32.84 0.82 0.00
EAST_PULASKI___ESR 323781	29.05 -0.12 0.00	24.52 -0.17 0.00	26.33 -0.23 0.00	25.78 -0.22 0.00	25.39 -0.19 0.00	28.67 -0.20 0.00	39.75 -0.25 0.00	44.90 -0.22 0.00	31.80 -0.30 0.00	25.22 -0.49 0.00	30.62 -0.83 0.00	31.76 -1.01 0.00	29.96 -0.84 0.00	28.69 -0.80 0.00	24.65 -0.71 0.00	20.80 -0.63 0.00	30.63 -0.93 0.00	57.75 -0.91 0.00	43.80 -0.29 0.00	38.49 -0.23 0.00	37.42 -0.41 0.00	37.89 -0.37 0.00	33.27 -0.46 0.00	31.60 -0.43 0.00
EAST_RIVER___1 323558	29.94 0.77 0.00	25.35 0.66 0.00	27.25 0.68 0.00	26.77 0.78 0.00	26.32 0.74 0.00	29.75 0.88 0.00	41.28 1.29 0.00	46.61 1.49 0.00	33.24 1.14 0.00	27.02 1.31 0.00	33.24 1.78 0.00	34.70 1.93 0.00	32.66 1.87 0.00	31.26 1.76 0.00	27.23 1.64 -0.23	26.45 1.43 -3.60	33.49 1.94 0.00	61.32 2.67 0.00	45.91 1.83 0.00	40.31 1.58 0.00	39.48 1.65 0.00	39.98 1.72 0.00	35.18 1.46 0.00	33.22 1.19 0.00
EAST_RIVER___2 323559	29.92 0.75 0.00	25.34 0.65 0.00	27.24 0.67 0.00	26.76 0.77 0.00	26.31 0.74 0.00	29.74 0.87 0.00	41.26 1.26 0.00	46.58 1.46 0.00	33.25 1.15 0.00	27.04 1.33 0.00	33.27 1.81 0.00	34.77 2.00 0.00	32.74 1.94 0.00	31.32 1.82 0.00	27.30 1.70 -0.23	26.51 1.49 -3.60	33.58 2.02 0.00	61.46 2.80 0.00	45.98 1.89 0.00	40.37 1.64 0.00	39.53 1.70 0.00	40.01 1.75 0.00	35.21 1.49 0.00	33.22 1.19 0.00
EAST___DELAWARE_HYD 23607	29.11 -0.07 0.00	24.65 -0.04 0.00	26.51 -0.06 0.00	26.01 0.01 0.00	25.57 -0.01 0.00	28.99 0.12 0.00	40.36 0.36 0.00	45.62 0.51 0.00	32.51 0.41 0.00	26.17 0.46 0.00	32.01 0.55 0.00	33.33 0.57 0.00	31.31 0.50 0.00	29.94 0.44 0.00	25.79 0.47 0.04	21.37 0.56 0.61	32.43 0.88 0.00	60.12 1.46 0.00	45.24 1.16 0.00	39.81 1.08 0.00	38.93 1.10 0.00	39.33 1.07 0.00	34.54 0.82 0.00	32.64 0.61 0.00
EIGHT_POINT___WT_PWR 323820	28.59 -0.58 0.00	23.70 -0.99 0.00	25.49 -1.07 0.00	24.59 -1.40 0.00	23.94 -1.63 0.00	26.95 -1.92 0.00	37.11 -2.89 0.00	41.50 -3.62 0.00	29.48 -2.62 0.00	23.48 -2.24 0.00	29.10 -2.35 0.00	30.76 -2.01 0.00	29.19 -1.62 0.00	28.00 -1.50 0.00	23.57 -1.75 0.05	19.01 -1.67 0.74	29.31 -2.25 0.00	54.67 -3.98 0.00	41.73 -2.36 0.00	36.24 -2.48 0.00	37.58 -2.89 -2.63	35.29 -2.97 0.00	31.20 -2.52 0.00	30.33 -1.70 0.00
ELBRIDGE_115KV_TB2 80188	28.79 -0.38 0.00	24.31 -0.38 0.00	26.20 -0.36 0.00	25.65 -0.34 0.00	25.22 -0.36 0.00	28.48 -0.39 0.00	39.56 -0.44 0.00	44.61 -0.52 0.00	31.69 -0.42 0.00	25.27 -0.44 0.00	30.89 -0.57 0.00	32.22 -0.54 0.00	30.23 -0.57 0.00	28.97 -0.53 0.00	24.84 -0.52 0.00	21.02 -0.41 0.00	30.98 -0.57 0.00	57.78 -0.88 0.00	43.49 -0.60 0.00	38.23 -0.50 0.00	37.33 -0.50 0.00	37.75 -0.51 0.00	33.27 -0.45 0.00	31.71 -0.31 0.00
ELEC_TRO_TEK 24086	36.16 0.64 -6.35	25.19 0.48 -0.02	26.98 0.41 0.00	26.48 0.49 0.00	26.01 0.42 -0.01	37.18 0.71 -7.60	51.25 0.87 -10.38	46.40 0.96 -0.31	33.73 0.73 -0.90	26.81 1.08 -0.02	48.45 1.69 -15.31	58.16 1.77 -23.62	38.24 1.55 -5.90	31.08 1.57 -0.02	27.99 1.48 -1.14	26.23 1.22 -3.59	33.01 1.45 0.00	60.56 1.90 0.00	45.41 1.33 0.00	39.87 1.15 0.00	39.07 1.24 0.00	39.50 1.25 0.00	34.79 1.07 0.00	32.78 0.76 0.00
ELLENBURG_WT_PWR 323604	29.99 0.82 0.00	25.36 0.68 0.00	27.33 0.76 0.00	26.68 0.69 0.00	26.25 0.67 0.00	29.54 0.67 0.00	40.73 0.73 0.00	45.96 0.84 0.00	32.69 0.59 0.00	26.12 0.41 0.00	31.86 0.41 0.00	33.18 0.41 0.00	31.33 0.53 0.00	30.02 0.53 0.00	25.79 0.43 0.00	21.74 0.32 0.00	32.05 0.49 0.00	60.12 1.46 0.00	45.48 1.39 0.00	39.45 0.73 0.00	38.34 0.51 0.00	38.80 0.54 0.00	34.18 0.46 0.00	32.12 0.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.15 -0.02 0.00	24.32 -0.37 0.00	26.39 -0.17 0.00	25.81 -0.18 0.00	25.38 -0.20 0.00	28.23 -0.64 0.00	38.36 -1.64 0.00	43.06 -2.06 0.00	31.09 -1.01 0.00	25.03 -0.68 0.00	31.20 -0.26 0.00	32.78 0.01 0.00	30.59 -0.21 0.00	29.10 -0.39 0.00	24.71 -0.62 0.04	20.25 -0.62 0.56	30.17 -1.38 0.00	55.14 -3.51 0.00	41.80 -2.28 0.00	36.62 -2.11 0.00	34.66 -2.34 0.84	36.31 -1.95 0.00	32.60 -1.12 0.00	31.95 -0.08 0.00
EMPIRE_CC_1 323656	29.30 0.13 0.00	24.92 0.23 0.00	26.83 0.26 0.00	26.26 0.27 0.00	25.85 0.27 0.00	29.26 0.39 0.00	40.59 0.59 0.00	45.92 0.80 0.00	32.65 0.55 0.00	26.21 0.50 0.00	32.00 0.55 0.00	33.28 0.52 0.00	31.24 0.43 0.00	29.93 0.43 0.00	25.90 0.46 -0.08	23.14 0.44 -1.28	32.23 0.68 0.00	59.81 1.16 0.00	44.75 0.66 0.00	39.38 0.65 0.00	38.64 0.81 0.00	38.95 0.69 0.00	34.34 0.62 0.00	32.50 0.47 0.00
EMPIRE_CC_2 323658	29.30 0.13 0.00	24.92 0.23 0.00	26.83 0.26 0.00	26.26 0.27 0.00	25.85 0.27 0.00	29.26 0.39 0.00	40.59 0.59 0.00	45.92 0.80 0.00	32.65 0.55 0.00	26.21 0.50 0.00	32.00 0.55 0.00	33.28 0.52 0.00	31.24 0.43 0.00	29.93 0.43 0.00	25.90 0.46 -0.08	23.14 0.44 -1.28	32.23 0.68 0.00	59.81 1.16 0.00	44.75 0.66 0.00	39.38 0.65 0.00	38.64 0.81 0.00	38.95 0.69 0.00	34.34 0.62 0.00	32.50 0.47 0.00
ENORWICH_115KV_TB1 80156	31.53 2.36 0.00	26.52 1.83 0.00	28.12 1.56 0.00	27.20 1.21 0.00	26.57 1.00 0.00	30.03 1.16 0.00	42.06 2.06 0.00	47.29 2.17 0.00	33.13 1.03 0.00	26.15 0.44 0.00	32.20 0.75 0.00	33.38 0.62 0.00	31.30 0.50 0.00	29.82 0.32 0.00	25.40 0.10 0.07	20.38 0.04 1.08	31.90 0.34 0.00	60.12 1.46 0.00	45.84 1.76 0.00	40.33 1.60 0.00	39.24 1.27 -0.14	39.26 1.00 0.00	34.55 0.83 0.00	32.97 0.95 0.00
ERIE_ST__34_KV_TB1-2 80199	29.23 0.06 0.00	24.41 -0.28 0.00	26.51 -0.06 0.00	25.92 -0.08 0.00	25.49 -0.09 0.00	28.38 -0.49 0.00	38.65 -1.35 0.00	43.44 -1.68 0.00	31.31 -0.79 0.00	25.17 -0.55 0.00	31.37 -0.08 0.00	32.93 0.16 0.00	30.73 -0.07 0.00	29.26 -0.24 0.00	24.83 -0.49 0.04	20.33 -0.52 0.58	30.32 -1.23 0.00	55.53 -3.13 0.00	42.14 -1.94 0.00	36.91 -1.82 0.00	34.94 -2.03 0.86	36.58 -1.68 0.00	32.77 -0.95 0.00	32.01 -0.01 0.00
ERIE_WT_PWR 323693	29.25 0.07 0.00	24.40 -0.29 0.00	26.48 -0.09 0.00	25.87 -0.12 0.00	25.44 -0.14 0.00	28.32 -0.56 0.00	38.52 -1.48 0.00	43.24 -1.88 0.00	31.18 -0.93 0.00	25.08 -0.63 0.00	31.25 -0.20 0.00	32.82 0.06 0.00	30.66 -0.14 0.00	29.18 -0.31 0.00	24.77 -0.56 0.04	20.29 -0.56 0.57	30.26 -1.30 0.00	55.39 -3.27 0.00	42.03 -2.05 0.00	36.82 -1.90 0.00	34.73 -2.15 0.95	36.47 -1.79 0.00	32.70 -1.03 0.00	32.02 -0.01 0.00
ESPRGFLD_115KV_TB1 80157	29.65 0.48 0.00	25.00 0.31 0.00	26.86 0.30 0.00	26.22 0.23 0.00	25.74 0.17 0.00	29.08 0.21 0.00	40.41 0.41 0.00	45.52 0.40 0.00	32.21 0.11 0.00	25.76 0.05 0.00	31.68 0.23 0.00	33.08 0.31 0.00	31.11 0.31 0.00	29.76 0.26 0.00	25.54 0.17 0.00	21.52 0.10 0.00	31.66 0.11 0.00	58.97 0.31 0.00	44.51 0.43 0.00	39.17 0.45 0.00	38.14 0.31 0.00	38.59 0.33 0.00	33.93 0.21 0.00	32.24 0.21 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.57 0.40 0.00	24.93 0.24 0.00	26.83 0.27 0.00	26.22 0.22 0.00	25.77 0.19 0.00	29.13 0.25 0.00	40.48 0.48 0.00	45.63 0.51 0.00	32.29 0.19 0.00	25.61 -0.11 0.00	31.28 -0.17 0.00	32.63 -0.14 0.00	30.58 -0.22 0.00	29.26 -0.24 0.00	25.04 -0.28 0.05	20.46 -0.19 0.78	31.38 -0.17 0.00	58.76 0.10 0.00	44.52 0.43 0.00	39.13 0.40 0.00	38.42 0.35 -0.23	38.57 0.32 0.00	33.95 0.22 0.00	32.36 0.33 0.00
ETNA____115KV_TB2 80207	29.57 0.40 0.00	24.93 0.24 0.00	26.83 0.27 0.00	26.22 0.22 0.00	25.77 0.19 0.00	29.13 0.25 0.00	40.48 0.48 0.00	45.63 0.51 0.00	32.29 0.19 0.00	25.61 -0.11 0.00	31.28 -0.17 0.00	32.63 -0.14 0.00	30.58 -0.22 0.00	29.26 -0.24 0.00	25.04 -0.28 0.05	20.46 -0.19 0.78	31.38 -0.17 0.00	58.76 0.10 0.00	44.52 0.43 0.00	39.13 0.40 0.00	38.42 0.35 -0.23	38.57 0.32 0.00	33.95 0.22 0.00	32.36 0.33 0.00
EUCLID___115KV_TB2 356179	28.61 -0.56 0.00	24.18 -0.51 0.00	26.02 -0.55 0.00	25.46 -0.53 0.00	25.06 -0.51 0.00	28.30 -0.57 0.00	39.26 -0.74 0.00	44.30 -0.82 0.00	31.47 -0.63 0.00	25.15 -0.56 0.00	30.76 -0.69 0.00	32.07 -0.70 0.00	30.12 -0.68 0.00	28.85 -0.65 0.00	24.78 -0.59 0.00	20.94 -0.48 0.00	30.84 -0.71 0.00	57.45 -1.20 0.00	43.26 -0.83 0.00	37.99 -0.73 0.00	37.09 -0.74 0.00	37.55 -0.71 0.00	33.09 -0.63 0.00	31.53 -0.50 0.00
E_CANADA_CAP_HY 24051	29.38 0.20 0.00	24.78 0.09 0.00	26.67 0.10 0.00	26.07 0.08 0.00	25.63 0.05 0.00	28.97 0.09 0.00	40.23 0.23 0.00	45.35 0.23 0.00	31.88 -0.22 0.00	25.35 -0.36 0.00	31.05 -0.40 0.00	32.42 -0.35 0.00	30.50 -0.30 0.00	29.21 -0.29 0.00	25.13 -0.23 0.00	21.19 -0.23 0.00	31.18 -0.37 0.00	58.32 -0.34 0.00	44.23 0.15 0.00	38.98 0.25 0.00	37.93 0.10 0.00	38.40 0.14 0.00	33.83 0.11 0.00	32.09 0.06 0.00
E_CANADA_MHWK_HY 24050	30.60 1.42 0.00	25.94 1.25 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.80 1.23 0.00	30.39 1.52 0.00	42.50 2.50 0.00	48.04 2.93 0.00	33.46 1.36 0.00	26.25 0.54 0.00	31.98 0.53 0.00	33.30 0.53 0.00	31.20 0.40 0.00	29.83 0.33 0.00	25.71 0.35 0.00	21.81 0.38 0.00	32.41 0.85 0.00	61.46 2.81 0.00	46.72 2.64 0.00	41.12 2.39 0.00	40.24 2.40 0.00	40.59 2.33 0.00	35.77 2.05 0.00	33.88 1.86 0.00
E_FISHKILL___LBMP 23776	29.65 0.47 0.00	25.14 0.44 0.00	27.03 0.46 0.00	26.53 0.53 0.00	26.08 0.50 0.00	29.53 0.66 0.00	41.00 1.00 0.00	46.33 1.21 0.00	33.01 0.90 0.00	26.71 1.00 0.00	32.78 1.32 0.00	34.17 1.40 0.00	32.10 1.30 0.00	30.72 1.22 0.00	26.70 1.15 -0.18	25.23 1.02 -2.79	32.96 1.41 0.00	60.69 2.04 0.00	45.48 1.39 0.00	39.96 1.23 0.00	39.15 1.32 0.00	39.57 1.31 0.00	34.82 1.09 0.00	32.91 0.89 0.00
FALCON___SEABRD_CC1 323796	30.57 1.40 0.00	25.91 1.22 0.00	27.97 1.40 0.00	27.31 1.32 0.00	26.85 1.27 0.00	30.20 1.33 0.00	41.64 1.64 0.00	47.03 1.91 0.00	33.35 1.25 0.00	26.52 0.81 0.00	32.34 0.88 0.00	33.64 0.87 0.00	31.79 0.99 0.00	30.51 1.02 0.00	26.22 0.86 0.00	22.16 0.74 0.00	32.73 1.17 0.00	61.51 2.85 0.00	46.31 2.23 0.00	40.19 1.47 0.00	39.07 1.23 0.00	39.43 1.17 0.00	34.75 1.02 0.00	32.42 0.40 0.00
FALCON___SEABRD_CC2 323797	30.57 1.40 0.00	25.91 1.22 0.00	27.97 1.40 0.00	27.31 1.32 0.00	26.85 1.27 0.00	30.20 1.33 0.00	41.64 1.64 0.00	47.03 1.91 0.00	33.35 1.25 0.00	26.52 0.81 0.00	32.34 0.88 0.00	33.64 0.87 0.00	31.79 0.99 0.00	30.51 1.02 0.00	26.22 0.86 0.00	22.16 0.74 0.00	32.73 1.17 0.00	61.51 2.85 0.00	46.31 2.23 0.00	40.19 1.47 0.00	39.07 1.23 0.00	39.43 1.17 0.00	34.75 1.02 0.00	32.42 0.40 0.00

FAR ROCKAWAY___4 23548	47.37 1.03 -17.16	25.52 0.77 -0.05	27.30 0.72 -0.01	26.79 0.79 0.00	26.32 0.72 -0.02	50.49 1.07 -20.55	71.68 1.38 -30.30	48.23 1.54 -1.57	37.89 1.13 -4.66	27.17 1.41 -0.05	74.88 2.08 -41.35	98.78 2.20 -63.81	46.09 1.93 -13.35	31.50 1.95 -0.05	29.16 1.81 -1.99	26.50 1.50 -3.59	33.42 1.86 0.00	61.32 2.66 0.00	46.04 1.95 0.00	40.39 1.66 0.00	39.56 1.73 0.00	39.98 1.72 0.00	35.21 1.49 0.00	33.18 1.15 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.95 0.78 0.00	25.36 0.67 0.00	27.26 0.69 0.00	26.78 0.78 0.00	26.32 0.74 0.00	29.76 0.89 0.00	41.30 1.30 0.00	46.65 1.53 0.00	33.27 1.17 0.00	27.04 1.32 0.00	33.25 1.79 0.00	34.70 1.93 0.00	32.66 1.86 0.00	31.26 1.76 0.00	27.22 1.62 -0.23	26.44 1.42 -3.60	33.48 1.93 0.00	61.31 2.66 0.00	45.91 1.83 0.00	40.32 1.59 0.00	39.49 1.66 0.00	40.00 1.74 0.00	35.19 1.47 0.00	33.22 1.20 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.97 0.79 0.00	25.37 0.69 0.00	27.26 0.69 0.00	26.79 0.79 0.00	26.32 0.75 0.00	29.78 0.90 0.00	41.32 1.33 0.00	46.66 1.54 0.00	33.27 1.17 0.00	27.04 1.33 0.00	33.25 1.80 0.00	34.70 1.93 0.00	32.66 1.87 0.00	31.26 1.76 0.00	27.22 1.62 -0.23	26.45 1.43 -3.60	33.49 1.93 0.00	61.34 2.69 0.00	45.93 1.84 0.00	40.33 1.60 0.00	39.50 1.67 0.00	40.01 1.75 0.00	35.20 1.48 0.00	33.24 1.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.94 0.77 0.00	25.35 0.66 0.00	27.25 0.68 0.00	26.77 0.78 0.00	26.31 0.73 0.00	29.76 0.88 0.00	41.29 1.29 0.00	46.62 1.50 0.00	33.25 1.15 0.00	27.02 1.31 0.00	33.23 1.78 0.00	34.67 1.91 0.00	32.64 1.84 0.00	31.23 1.74 0.00	27.21 1.61 -0.23	26.43 1.41 -3.60	33.47 1.91 0.00	61.30 2.64 0.00	45.90 1.82 0.00	40.29 1.57 0.00	39.46 1.63 0.00	39.97 1.71 0.00	35.17 1.45 0.00	33.21 1.18 0.00
FARRAGUT___LBMP 323566	29.92 0.75 0.00	25.33 0.64 0.00	27.24 0.67 0.00	26.75 0.76 0.00	26.29 0.72 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.47 0.00	33.22 1.12 0.00	26.99 1.28 0.00	33.20 1.75 0.00	34.65 1.89 0.00	32.61 1.82 0.00	31.21 1.72 0.00	27.19 1.59 -0.23	26.41 1.39 -3.60	33.43 1.88 0.00	61.24 2.59 0.00	45.86 1.77 0.00	40.26 1.54 0.00	39.44 1.61 0.00	39.95 1.69 0.00	35.14 1.42 0.00	33.19 1.16 0.00
FENNER___WINDPWR 24204	29.60 0.43 0.00	25.01 0.32 0.00	26.89 0.33 0.00	26.28 0.28 0.00	25.84 0.26 0.00	29.22 0.35 0.00	40.55 0.55 0.00	45.75 0.63 0.00	32.40 0.30 0.00	25.71 -0.01 0.00	31.35 -0.10 0.00	32.65 -0.11 0.00	30.70 -0.09 0.00	29.45 -0.05 0.00	25.31 -0.06 0.00	21.38 -0.05 0.00	31.60 0.04 0.00	59.21 0.55 0.00	44.80 0.72 0.00	39.26 0.53 0.00	38.27 0.44 0.00	38.61 0.35 0.00	33.96 0.24 0.00	32.26 0.23 0.00
FIBERTEK___ENERGY 23856	28.90 -0.27 0.00	24.42 -0.27 0.00	26.29 -0.27 0.00	25.73 -0.26 0.00	25.32 -0.26 0.00	28.62 -0.25 0.00	39.74 -0.26 0.00	44.82 -0.30 0.00	31.81 -0.29 0.00	25.37 -0.34 0.00	31.02 -0.44 0.00	32.34 -0.43 0.00	30.36 -0.44 0.00	29.08 -0.42 0.00	24.96 -0.40 0.00	21.11 -0.32 0.00	31.13 -0.42 0.00	58.10 -0.56 0.00	43.75 -0.33 0.00	38.43 -0.30 0.00	37.51 -0.32 0.00	37.95 -0.32 0.00	33.43 -0.29 0.00	31.84 -0.18 0.00
FITZPATRICK___ 23598	28.27 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.77 -0.80 0.00	27.97 -0.91 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.86 0.00	30.42 -1.04 0.00	31.69 -1.07 0.00	29.78 -1.02 0.00	28.52 -0.97 0.00	24.51 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.69 -1.39 0.00	37.51 -1.21 0.00	36.63 -1.20 0.00	37.06 -1.21 0.00	32.67 -1.06 0.00	31.12 -0.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.98 0.81 0.00	25.39 0.71 0.00	27.31 0.74 0.00	26.80 0.80 0.00	26.35 0.78 0.00	29.86 0.99 0.00	41.51 1.51 0.00	46.93 1.81 0.00	33.40 1.30 0.00	26.97 1.26 0.00	33.08 1.62 0.00	34.46 1.69 0.00	32.36 1.56 0.00	30.97 1.47 0.00	26.94 1.36 -0.21	25.90 1.23 -3.25	33.32 1.76 0.00	61.45 2.80 0.00	46.12 2.03 0.00	40.54 1.81 0.00	39.67 1.84 0.00	40.08 1.82 0.00	35.24 1.51 0.00	33.30 1.27 0.00
FORT ORANGE___ 23900	29.16 -0.01 0.00	24.83 0.14 0.00	26.69 0.13 0.00	26.14 0.14 0.00	25.73 0.16 0.00	29.12 0.25 0.00	40.40 0.40 0.00	45.74 0.62 0.00	32.50 0.40 0.00	26.00 0.28 0.00	31.69 0.23 0.00	32.95 0.19 0.00	30.96 0.16 0.00	29.67 0.17 0.00	25.65 0.22 -0.07	22.70 0.25 -1.03	31.95 0.40 0.00	59.40 0.75 0.00	44.58 0.49 0.00	39.22 0.49 0.00	38.46 0.63 0.00	38.77 0.51 0.00	34.18 0.45 0.00	32.35 0.32 0.00
FORT_DRUM_COGEN 23780	30.57 1.40 0.00	25.68 0.99 0.00	27.46 0.89 0.00	26.90 0.91 0.00	26.54 0.96 0.00	29.89 1.02 0.00	41.42 1.42 0.00	46.87 1.75 0.00	32.96 0.85 0.00	25.73 0.02 0.00	30.69 -0.76 0.00	31.54 -1.23 0.00	29.96 -0.84 0.00	28.73 -0.77 0.00	24.72 -0.64 0.00	20.72 -0.70 0.00	30.77 -0.79 0.00	59.60 0.94 0.00	45.92 1.84 0.00	40.32 1.59 0.00	38.61 0.78 0.00	39.10 0.84 0.00	34.07 0.34 0.00	32.13 0.11 0.00
FOX_HILLS___ESR 323835	29.90 0.72 0.00	25.32 0.64 0.00	27.25 0.68 0.00	26.89 0.90 0.00	26.46 0.88 0.00	29.94 1.07 0.00	41.49 1.49 0.00	46.67 1.55 0.00	33.48 1.38 0.00	27.13 1.42 0.00	33.06 1.61 0.00	34.43 1.66 0.00	32.48 1.69 0.00	31.09 1.59 0.00	27.07 1.47 -0.23	26.33 1.31 -3.60	33.29 1.74 0.00	60.78 2.13 0.00	45.52 1.44 0.00	40.12 1.39 0.00	39.35 1.52 0.00	39.88 1.62 0.00	35.05 1.33 0.00	33.10 1.07 0.00
FPL_FAR_ROCK_GT1 24212	47.37 1.03 -17.16	25.51 0.77 -0.05	27.30 0.72 -0.01	26.79 0.79 0.00	26.32 0.72 -0.02	50.49 1.07 -20.55	71.67 1.37 -30.30	48.23 1.53 -1.57	37.89 1.13 -4.66	27.17 1.40 -0.05	74.88 2.08 -41.35	98.77 2.20 -63.81	46.09 1.93 -13.35	31.50 1.95 -0.05	29.17 1.81 -1.99	26.50 1.50 -3.59	33.42 1.87 0.00	61.31 2.66 0.00	46.04 1.95 0.00	40.39 1.66 0.00	39.56 1.73 0.00	39.98 1.72 0.00	35.21 1.49 0.00	33.18 1.15 0.00
FPL_FAR_ROCK_GT2 23815	47.37 1.03 -17.16	25.51 0.77 -0.05	27.30 0.72 -0.01	26.79 0.79 0.00	26.32 0.72 -0.02	50.49 1.07 -20.55	71.67 1.37 -30.30	48.23 1.53 -1.57	37.89 1.13 -4.66	27.17 1.40 -0.05	74.88 2.08 -41.35	98.77 2.20 -63.81	46.09 1.93 -13.35	31.50 1.95 -0.05	29.17 1.81 -1.99	26.50 1.50 -3.59	33.42 1.87 0.00	61.31 2.66 0.00	46.04 1.95 0.00	40.39 1.66 0.00	39.56 1.73 0.00	39.98 1.72 0.00	35.21 1.49 0.00	33.18 1.15 0.00
FRANKLIN_FALL_HYD 24054	30.51 1.34 0.00	25.78 1.09 0.00	27.74 1.18 0.00	27.08 1.09 0.00	26.66 1.08 0.00	30.02 1.15 0.00	41.45 1.45 0.00	46.84 1.73 0.00	33.30 1.20 0.00	26.50 0.79 0.00	32.23 0.78 0.00	33.51 0.75 0.00	31.62 0.82 0.00	30.27 0.77 0.00	25.97 0.61 0.00	21.85 0.42 0.00	32.21 0.66 0.00	60.60 1.94 0.00	45.95 1.87 0.00	40.04 1.32 0.00	38.90 1.06 0.00	39.43 1.17 0.00	34.73 1.01 0.00	32.68 0.65 0.00

FREEPORT_EQUS_GT1 23764	35.46 0.69 -5.59	25.22 0.52 -0.02	27.01 0.44 0.00	26.51 0.52 0.00	26.03 0.45 -0.01	36.30 0.74 -6.69	48.19 0.91 -7.28	45.82 1.02 0.32	31.84 0.76 1.02	26.84 1.11 -0.02	46.67 1.75 -13.47	55.36 1.81 -20.79	37.42 1.59 -5.03	31.15 1.64 -0.02	27.92 1.56 -0.99	26.27 1.26 -3.59	33.06 1.51 0.00	60.66 2.01 0.00	45.51 1.42 0.00	40.01 1.29 0.00	39.20 1.37 0.00	39.62 1.36 0.00	34.90 1.17 0.00	32.83 0.81 0.00
FREEPORT___CT2 23818	35.46 0.69 -5.59	25.22 0.52 -0.02	27.01 0.44 0.00	26.51 0.52 0.00	26.03 0.45 -0.01	36.30 0.74 -6.69	48.19 0.91 -7.28	45.82 1.02 0.32	31.84 0.76 1.02	26.84 1.11 -0.02	46.67 1.75 -13.47	55.36 1.81 -20.79	37.42 1.59 -5.03	31.15 1.64 -0.02	27.92 1.56 -0.99	26.27 1.26 -3.59	33.06 1.51 0.00	60.66 2.01 0.00	45.51 1.42 0.00	40.01 1.29 0.00	39.20 1.37 0.00	39.62 1.36 0.00	34.90 1.17 0.00	32.83 0.81 0.00
FRESHKLS_33_KV_LOAD 356253	29.98 0.81 0.00	25.41 0.71 0.00	27.34 0.77 0.00	27.02 1.02 0.00	26.59 1.01 0.00	30.10 1.23 0.00	41.68 1.68 0.00	46.80 1.68 0.00	33.61 1.51 0.00	27.21 1.49 0.00	33.00 1.55 0.00	34.34 1.57 0.00	32.42 1.62 0.00	31.03 1.53 0.00	27.02 1.42 -0.23	26.30 1.28 -3.60	33.24 1.68 0.00	60.65 1.99 0.00	45.40 1.31 0.00	40.09 1.36 0.00	39.35 1.52 0.00	39.88 1.62 0.00	35.05 1.33 0.00	33.10 1.07 0.00
FULTON COGEN____ 23766	28.53 -0.64 0.00	24.11 -0.57 0.00	25.94 -0.62 0.00	25.39 -0.61 0.00	25.00 -0.58 0.00	28.24 -0.63 0.00	39.17 -0.83 0.00	44.22 -0.90 0.00	31.41 -0.69 0.00	25.07 -0.64 0.00	30.64 -0.81 0.00	31.89 -0.87 0.00	29.98 -0.82 0.00	28.72 -0.78 0.00	24.67 -0.70 0.00	20.85 -0.57 0.00	30.71 -0.85 0.00	57.30 -1.36 0.00	43.17 -0.91 0.00	37.93 -0.80 0.00	37.03 -0.80 0.00	37.46 -0.80 0.00	32.99 -0.73 0.00	31.43 -0.60 0.00
FULTON___LFGE 323630	29.83 0.66 0.00	25.21 0.53 0.00	27.12 0.55 0.00	26.52 0.53 0.00	26.11 0.53 0.00	29.54 0.67 0.00	41.10 1.10 0.00	46.38 1.26 0.00	32.32 0.22 0.00	25.37 -0.34 0.00	30.94 -0.52 0.00	32.25 -0.51 0.00	30.34 -0.46 0.00	29.04 -0.45 0.00	25.01 -0.35 0.00	21.14 -0.28 0.00	31.31 -0.24 0.00	59.42 0.77 0.00	45.27 1.18 0.00	39.88 1.16 0.00	38.91 1.08 0.00	39.30 1.04 0.00	34.60 0.87 0.00	32.77 0.74 0.00
G.F.CEMENT___DRP 24184	30.03 0.86 0.00	25.48 0.79 0.00	27.49 0.93 0.00	26.94 0.95 0.00	26.55 0.97 0.00	30.11 1.24 0.00	41.98 1.98 0.00	47.58 2.46 0.00	33.56 1.46 0.00	26.59 0.88 0.00	32.31 0.85 0.00	33.54 0.78 0.00	31.37 0.57 0.00	30.05 0.55 0.00	25.97 0.55 -0.06	22.90 0.60 -0.87	32.81 1.25 0.00	61.42 2.77 0.00	45.99 1.91 0.00	40.53 1.80 0.00	39.62 1.79 0.00	39.87 1.62 0.00	35.33 1.61 0.00	33.38 1.36 0.00
GARDENVILLE___LBMP 24039	29.12 -0.06 0.00	24.28 -0.41 0.00	26.34 -0.22 0.00	25.73 -0.27 0.00	25.28 -0.30 0.00	28.13 -0.74 0.00	38.29 -1.71 0.00	42.97 -2.15 0.00	30.98 -1.12 0.00	24.90 -0.81 0.00	31.02 -0.44 0.00	32.61 -0.16 0.00	30.48 -0.32 0.00	29.01 -0.49 0.00	24.61 -0.71 0.04	20.12 -0.71 0.59	30.08 -1.47 0.00	55.15 -3.51 0.00	41.85 -2.23 0.00	36.62 -2.10 0.00	33.68 -2.39 1.76	36.22 -2.04 0.00	32.47 -1.25 0.00	31.80 -0.22 0.00
GARDNVLA_35_KV_LD 355827	29.32 0.15 0.00	24.46 -0.23 0.00	26.53 -0.04 0.00	25.91 -0.08 0.00	25.48 -0.10 0.00	28.38 -0.49 0.00	38.65 -1.35 0.00	43.40 -1.72 0.00	31.30 -0.80 0.00	25.19 -0.52 0.00	31.37 -0.08 0.00	32.94 0.18 0.00	30.77 -0.03 0.00	29.29 -0.21 0.00	24.87 -0.46 0.04	20.38 -0.48 0.57	30.39 -1.17 0.00	55.65 -3.01 0.00	42.23 -1.86 0.00	36.98 -1.75 0.00	35.02 -2.01 0.81	36.62 -1.64 0.00	32.83 -0.90 0.00	32.12 0.09 0.00
GELCKHM___115KV_LOAD 80723	28.73 -0.45 0.00	24.27 -0.41 0.00	26.12 -0.44 0.00	25.57 -0.42 0.00	25.16 -0.42 0.00	28.44 -0.44 0.00	39.45 -0.55 0.00	44.50 -0.61 0.00	31.60 -0.50 0.00	25.24 -0.48 0.00	30.86 -0.59 0.00	32.18 -0.59 0.00	30.21 -0.58 0.00	28.94 -0.56 0.00	24.85 -0.52 0.00	21.01 -0.42 0.00	30.96 -0.60 0.00	57.70 -0.95 0.00	43.45 -0.64 0.00	38.17 -0.56 0.00	37.26 -0.58 0.00	37.70 -0.56 0.00	33.22 -0.50 0.00	31.65 -0.38 0.00
GENERAL___MILLS 23808	29.23 0.06 0.00	24.39 -0.30 0.00	26.46 -0.10 0.00	25.86 -0.14 0.00	25.43 -0.15 0.00	28.30 -0.57 0.00	38.51 -1.49 0.00	43.24 -1.87 0.00	31.18 -0.93 0.00	25.09 -0.63 0.00	31.25 -0.21 0.00	32.82 0.05 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.76 -0.56 0.04	20.28 -0.56 0.57	30.25 -1.30 0.00	55.37 -3.28 0.00	42.01 -2.07 0.00	36.79 -1.93 0.00	34.70 -2.18 0.95	36.45 -1.81 0.00	32.69 -1.03 0.00	32.01 -0.02 0.00
GE_PLASTICS___DRP 24183	29.16 -0.01 0.00	24.80 0.11 0.00	26.66 0.09 0.00	26.11 0.11 0.00	25.70 0.12 0.00	29.07 0.19 0.00	40.29 0.29 0.00	45.56 0.44 0.00	32.41 0.30 0.00	26.00 0.29 0.00	31.76 0.30 0.00	33.06 0.29 0.00	31.08 0.27 0.00	29.77 0.27 0.00	25.73 0.30 -0.06	22.71 0.31 -0.99	32.00 0.44 0.00	59.36 0.71 0.00	44.46 0.38 0.00	39.10 0.37 0.00	38.34 0.51 0.00	38.69 0.43 0.00	34.10 0.38 0.00	32.30 0.27 0.00
GILBOA___1 23756	29.35 0.17 0.00	24.95 0.27 0.00	26.76 0.19 0.00	26.21 0.22 0.00	25.78 0.20 0.00	29.16 0.29 0.00	40.44 0.44 0.00	45.59 0.47 0.00	32.50 0.40 0.00	26.15 0.44 0.00	32.05 0.60 0.00	33.40 0.63 0.00	31.36 0.56 0.00	30.01 0.51 0.00	25.85 0.49 0.00	21.87 0.45 0.00	32.18 0.63 0.00	59.56 0.91 0.00	44.49 0.41 0.00	39.14 0.41 0.00	38.44 0.61 0.00	38.84 0.58 0.00	34.21 0.48 0.00	32.43 0.40 0.00
GILBOA___2 23757	29.35 0.17 0.00	24.95 0.27 0.00	26.76 0.19 0.00	26.21 0.22 0.00	25.78 0.20 0.00	29.16 0.29 0.00	40.44 0.44 0.00	45.59 0.47 0.00	32.50 0.40 0.00	26.15 0.44 0.00	32.05 0.60 0.00	33.40 0.63 0.00	31.36 0.56 0.00	30.01 0.51 0.00	25.85 0.49 0.00	21.87 0.45 0.00	32.18 0.63 0.00	59.56 0.91 0.00	44.49 0.41 0.00	39.14 0.41 0.00	38.44 0.61 0.00	38.84 0.58 0.00	34.21 0.48 0.00	32.43 0.40 0.00
GILBOA___3 23758	29.35 0.17 0.00	24.95 0.27 0.00	26.76 0.19 0.00	26.21 0.22 0.00	25.78 0.20 0.00	29.16 0.29 0.00	40.44 0.44 0.00	45.59 0.47 0.00	32.50 0.40 0.00	26.15 0.44 0.00	32.05 0.60 0.00	33.40 0.63 0.00	31.36 0.56 0.00	30.01 0.51 0.00	25.85 0.49 0.00	21.87 0.45 0.00	32.18 0.63 0.00	59.56 0.91 0.00	44.49 0.41 0.00	39.14 0.41 0.00	38.44 0.61 0.00	38.84 0.58 0.00	34.21 0.48 0.00	32.43 0.40 0.00
GILBOA___4 23759	29.35 0.17 0.00	24.95 0.27 0.00	26.76 0.19 0.00	26.21 0.22 0.00	25.78 0.20 0.00	29.16 0.29 0.00	40.44 0.44 0.00	45.59 0.47 0.00	32.50 0.40 0.00	26.15 0.44 0.00	32.05 0.60 0.00	33.40 0.63 0.00	31.36 0.56 0.00	30.01 0.51 0.00	25.85 0.49 0.00	21.87 0.45 0.00	32.18 0.63 0.00	59.56 0.91 0.00	44.49 0.41 0.00	39.14 0.41 0.00	38.44 0.61 0.00	38.84 0.58 0.00	34.21 0.48 0.00	32.43 0.40 0.00

GILBOA____ 23599	29.34 0.17 0.00	24.95 0.27 0.00	26.76 0.19 0.00	26.21 0.22 0.00	25.78 0.20 0.00	29.16 0.29 0.00	40.44 0.44 0.00	45.58 0.46 0.00	32.50 0.40 0.00	26.15 0.44 0.00	32.05 0.60 0.00	33.40 0.63 0.00	31.36 0.56 0.00	30.01 0.51 0.00	25.85 0.49 0.00	21.87 0.45 0.00	32.18 0.62 0.00	59.56 0.91 0.00	44.49 0.41 0.00	39.13 0.41 0.00	38.44 0.61 0.00	38.84 0.58 0.00	34.20 0.48 0.00	32.43 0.40 0.00
GINNA____ 23603	28.10 -1.08 0.00	23.57 -1.12 0.00	25.45 -1.11 0.00	24.94 -1.05 0.00	24.57 -1.01 0.00	27.59 -1.28 0.00	37.97 -2.03 0.00	42.80 -2.32 0.00	30.56 -1.54 0.00	24.42 -1.29 0.00	30.07 -1.38 0.00	31.40 -1.37 0.00	29.35 -1.45 0.00	27.97 -1.53 0.00	23.93 -1.43 0.00	20.20 -1.22 0.00	29.75 -1.81 0.00	55.29 -3.36 0.00	41.71 -2.37 0.00	36.64 -2.09 0.00	35.67 -2.16 0.00	36.19 -2.07 0.00	32.05 -1.67 0.00	30.76 -1.26 0.00
GLEN PARK____ 23778	30.69 1.51 0.00	25.78 1.09 0.00	27.56 0.99 0.00	27.01 1.01 0.00	26.64 1.06 0.00	30.02 1.15 0.00	41.64 1.64 0.00	47.11 1.99 0.00	33.08 0.98 0.00	25.76 0.05 0.00	30.69 -0.77 0.00	31.51 -1.25 0.00	29.93 -0.87 0.00	28.70 -0.80 0.00	24.70 -0.67 0.00	20.70 -0.72 0.00	30.73 -0.82 0.00	59.77 1.11 0.00	46.14 2.06 0.00	40.54 1.82 0.00	38.84 1.00 0.00	39.31 1.06 0.00	34.26 0.53 0.00	32.30 0.28 0.00
GLENDALE_27_KV_LOAD 356172	30.05 0.88 0.00	25.45 0.76 0.00	27.36 0.79 0.00	26.90 0.90 0.00	26.43 0.86 0.00	29.90 1.03 0.00	41.45 1.45 0.00	46.76 1.64 0.00	33.43 1.33 0.00	27.19 1.48 0.00	33.39 1.94 0.00	34.83 2.06 0.00	32.81 2.01 0.00	31.40 1.90 0.00	27.35 1.75 -0.23	26.55 1.53 -3.60	33.60 2.05 0.00	61.43 2.77 0.00	45.97 1.89 0.00	40.40 1.67 0.00	39.59 1.76 0.00	40.15 1.89 0.00	35.32 1.60 0.00	33.34 1.32 0.00
GLENWOOD_IC_1_G5 23712	32.86 0.77 -2.92	25.32 0.62 -0.01	27.16 0.60 0.00	26.67 0.67 0.00	26.20 0.62 0.00	33.20 0.84 -3.49	44.44 0.87 -3.57	45.89 1.01 0.24	32.12 0.78 0.76	26.80 1.08 -0.01	40.29 1.81 -7.03	45.53 1.92 -10.84	36.01 1.75 -3.46	31.22 1.71 -0.01	27.82 1.60 -0.85	26.35 1.35 -3.59	33.26 1.70 0.00	60.68 2.03 0.00	45.48 1.40 0.00	39.96 1.23 0.00	39.36 1.53 0.00	39.83 1.57 0.00	35.05 1.33 0.00	33.05 1.03 0.00
GLENWOOD_IC_2_G1 23688	29.85 0.68 0.00	25.25 0.56 0.00	27.11 0.55 0.00	26.63 0.63 0.00	26.15 0.57 0.00	29.66 0.78 0.00	41.06 1.06 0.00	46.35 1.23 0.00	33.03 0.94 0.00	26.86 1.15 0.00	33.11 1.66 0.00	34.54 1.77 0.00	32.49 1.63 -0.06	31.08 1.58 0.00	27.09 1.48 -0.25	26.27 1.26 -3.59	33.19 1.64 0.00	60.89 2.24 0.00	45.64 1.56 0.00	40.09 1.36 0.00	39.28 1.45 0.00	39.75 1.49 0.00	34.98 1.25 0.00	33.00 0.98 0.00
GLENWOOD_IC_3_G1 23689	29.85 0.68 0.00	25.25 0.56 0.00	27.11 0.55 0.00	26.63 0.63 0.00	26.15 0.57 0.00	29.66 0.78 0.00	41.06 1.06 0.00	46.35 1.23 0.00	33.03 0.94 0.00	26.86 1.15 0.00	33.11 1.66 0.00	34.54 1.77 0.00	32.49 1.63 -0.06	31.08 1.58 0.00	27.09 1.48 -0.25	26.27 1.26 -3.59	33.19 1.64 0.00	60.89 2.24 0.00	45.64 1.56 0.00	40.09 1.36 0.00	39.28 1.45 0.00	39.75 1.49 0.00	34.98 1.25 0.00	33.00 0.98 0.00
GLENWOOD____4 23550	32.86 0.77 -2.92	25.32 0.62 -0.01	27.16 0.60 0.00	26.67 0.67 0.00	26.20 0.62 0.00	33.21 0.85 -3.49	44.54 0.98 -3.57	46.01 1.13 0.24	32.20 0.86 0.76	26.86 1.14 -0.01	40.29 1.81 -7.03	45.53 1.92 -10.84	36.01 1.75 -3.46	31.22 1.71 -0.01	27.82 1.60 -0.85	26.35 1.35 -3.59	33.26 1.71 0.00	60.81 2.15 0.00	45.58 1.50 0.00	40.04 1.31 0.00	39.37 1.54 0.00	39.83 1.57 0.00	35.05 1.33 0.00	33.05 1.03 0.00
GLENWOOD____5 23614	32.86 0.77 -2.92	25.32 0.62 -0.01	27.16 0.60 0.00	26.67 0.67 0.00	26.20 0.62 0.00	33.21 0.85 -3.49	44.54 0.98 -3.57	46.01 1.13 0.24	32.20 0.86 0.76	26.86 1.14 -0.01	40.29 1.81 -7.03	45.53 1.92 -10.84	36.01 1.75 -3.46	31.22 1.71 -0.01	27.82 1.60 -0.85	26.35 1.35 -3.59	33.26 1.71 0.00	60.81 2.15 0.00	45.58 1.50 0.00	40.04 1.31 0.00	39.37 1.54 0.00	39.83 1.57 0.00	35.05 1.33 0.00	33.05 1.03 0.00
GLOBAL GREEN_PORT_GT1 23814	28.42 0.70 1.46	25.18 0.50 0.00	26.92 0.36 0.00	26.51 0.51 0.00	26.13 0.55 0.00	27.98 0.86 1.75	33.27 1.11 7.84	44.67 1.37 1.82	27.53 0.99 5.56	27.00 1.29 0.00	29.51 1.83 3.77	29.27 1.94 5.43	32.52 1.94 0.22	31.47 1.98 0.00	27.47 1.77 -0.34	26.69 1.68 -3.59	33.59 2.04 0.00	61.68 3.03 0.00	46.12 2.03 0.00	40.46 1.73 0.00	39.45 1.61 0.00	39.66 1.40 0.00	34.81 1.08 0.00	32.58 0.55 0.00
GLOBE____DSASP 323697	28.88 -0.29 0.00	24.11 -0.58 0.00	26.16 -0.40 0.00	25.62 -0.38 0.00	25.21 -0.36 0.00	27.86 -1.01 0.00	37.63 -2.37 0.00	42.19 -2.93 0.00	30.55 -1.55 0.00	24.68 -1.03 0.00	30.77 -0.69 0.00	32.40 -0.36 0.00	30.22 -0.58 0.00	28.74 -0.76 0.00	24.41 -0.92 0.04	20.01 -0.88 0.53	29.74 -1.81 0.00	53.94 -4.71 0.00	40.74 -3.34 0.00	35.78 -2.94 0.00	33.97 -3.08 0.78	35.66 -2.60 0.00	32.33 -1.39 0.00	31.78 -0.25 0.00
GOETHSLN____LBMP 323567	25.80 0.60 3.97	24.18 0.52 1.04	25.99 0.54 1.11	26.63 0.64 0.00	26.16 0.59 0.00	29.58 0.71 0.00	41.04 1.04 0.00	46.32 1.20 0.00	33.04 0.94 0.00	26.85 1.14 0.00	33.05 1.60 0.00	34.50 1.74 0.00	32.48 1.69 0.00	31.09 1.59 0.00	27.08 1.48 -0.23	26.32 1.30 -3.60	33.31 1.75 0.00	61.00 2.35 0.00	45.69 1.60 0.00	40.11 1.39 0.00	39.31 1.47 0.00	39.79 1.53 0.00	35.00 1.28 0.00	33.05 1.02 0.00
GOLAH____69_KV_TB 1_2 80279	29.66 0.49 0.00	24.83 0.14 0.00	26.98 0.41 0.00	26.40 0.41 0.00	25.97 0.39 0.00	29.09 0.22 0.00	39.81 -0.19 0.00	44.80 -0.32 0.00	32.07 -0.04 0.00	25.59 -0.13 0.00	31.51 0.06 0.00	32.94 0.17 0.00	30.77 -0.03 0.00	29.31 -0.19 0.00	25.03 -0.33 0.00	21.08 -0.34 0.00	30.94 -0.62 0.00	57.39 -1.27 0.00	43.47 -0.61 0.00	38.20 -0.53 0.00	37.01 -0.70 0.12	37.76 -0.50 0.00	33.56 -0.16 0.00	32.41 0.38 0.00
GOODYEAR_LAKE_HYD 323669	29.84 0.66 0.00	25.21 0.52 0.00	27.05 0.49 0.00	26.42 0.42 0.00	25.93 0.36 0.00	29.32 0.45 0.00	40.77 0.77 0.00	45.93 0.82 0.00	32.59 0.50 0.00	26.12 0.41 0.00	32.13 0.68 0.00	33.55 0.78 0.00	31.52 0.72 0.00	30.13 0.64 0.00	25.80 0.51 0.08	20.69 0.42 1.16	32.20 0.65 0.00	59.87 1.21 0.00	45.00 0.91 0.00	39.56 0.83 0.00	38.64 0.81 0.00	39.03 0.77 0.00	34.32 0.60 0.00	32.61 0.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.17 -0.01 0.00	24.59 -0.10 0.00	26.54 -0.03 0.00	25.93 -0.06 0.00	25.50 -0.08 0.00	28.78 -0.09 0.00	39.88 -0.12 0.00	44.87 -0.24 0.00	31.90 -0.20 0.00	25.47 -0.24 0.00	31.37 -0.09 0.00	32.85 0.08 0.00	30.78 -0.02 0.00	29.41 -0.09 0.00	25.12 -0.17 0.07	20.16 -0.14 1.12	31.29 -0.26 0.00	58.17 -0.48 0.00	43.86 -0.22 0.00	38.48 -0.25 0.00	37.60 -0.23 0.00	38.01 -0.25 0.00	33.45 -0.27 0.00	31.99 -0.04 0.00

GOUDEY___7 23579	29.17 -0.01 0.00	24.59 -0.10 0.00	26.54 -0.03 0.00	25.93 -0.06 0.00	25.50 -0.08 0.00	28.78 -0.09 0.00	39.88 -0.12 0.00	44.87 -0.24 0.00	31.90 -0.20 0.00	25.47 -0.24 0.00	31.37 -0.09 0.00	32.85 0.08 0.00	30.78 -0.02 0.00	29.41 -0.09 0.00	25.12 -0.17 0.07	20.16 -0.14 1.12	31.29 -0.26 0.00	58.17 -0.48 0.00	43.86 -0.22 0.00	38.48 -0.25 0.00	37.60 -0.23 0.00	38.01 -0.25 0.00	33.45 -0.27 0.00	31.99 -0.04 0.00
GOUDEY___8 23580	29.17 -0.01 0.00	24.59 -0.10 0.00	26.54 -0.03 0.00	25.93 -0.06 0.00	25.50 -0.08 0.00	28.78 -0.09 0.00	39.88 -0.12 0.00	44.87 -0.24 0.00	31.90 -0.20 0.00	25.47 -0.24 0.00	31.37 -0.09 0.00	32.85 0.08 0.00	30.78 -0.02 0.00	29.41 -0.09 0.00	25.12 -0.17 0.07	20.16 -0.14 1.12	31.29 -0.26 0.00	58.17 -0.48 0.00	43.86 -0.22 0.00	38.48 -0.25 0.00	37.60 -0.23 0.00	38.01 -0.25 0.00	33.45 -0.27 0.00	31.99 -0.04 0.00
GOWANUS_GT1_1 24077	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT1_2 24078	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT1_3 24079	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT1_4 24080	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT1_5 24084	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT1_6 24111	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT1_7 24112	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT1_8 24113	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT2_1 24114	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT2_2 24115	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT2_3 24116	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT2_4 24117	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT2_5 24118	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00

GOWANUS_GT2_6 24119	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT2_7 24120	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT2_8 24121	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_1 24122	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_2 24123	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_3 24124	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_4 24125	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_5 24126	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_6 24127	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_7 24128	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT3_8 24129	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT4_1 24130	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT4_2 24131	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT4_3 24132	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT4_4 24133	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00

GOWANUS_GT4_5 24134	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT4_6 24135	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT4_7 24136	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GOWANUS_GT4_8 24137	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GREATVR_69_KV_BK1 356245	29.11 0.76 0.82	25.25 0.56 0.00	27.04 0.48 0.00	26.55 0.56 0.00	26.03 0.46 0.00	28.63 0.74 0.98	34.45 0.87 6.42	44.47 1.02 1.67	27.73 0.73 5.10	26.88 1.17 0.00	31.10 1.73 2.09	31.46 1.74 3.05	32.74 1.67 -0.27	31.21 1.71 0.00	27.36 1.60 -0.40	26.46 1.45 -3.59	33.23 1.67 0.00	60.95 2.30 0.00	45.70 1.62 0.00	40.17 1.44 0.00	39.34 1.51 0.00	39.77 1.51 0.00	35.01 1.29 0.00	32.90 0.88 0.00
GREENBSH_115KV_TB3 55895	29.00 -0.17 0.00	24.70 0.01 0.00	26.55 -0.01 0.00	26.00 0.01 0.00	25.59 0.02 0.00	28.96 0.08 0.00	40.14 0.14 0.00	45.44 0.32 0.00	32.32 0.22 0.00	25.92 0.21 0.00	31.63 0.17 0.00	32.91 0.14 0.00	30.93 0.12 0.00	29.63 0.13 0.00	25.62 0.19 -0.07	22.65 0.22 -1.01	31.89 0.34 0.00	59.14 0.49 0.00	44.30 0.21 0.00	38.96 0.23 0.00	38.21 0.38 0.00	38.53 0.27 0.00	33.97 0.25 0.00	32.17 0.14 0.00
GREENDGE_115KV_TB5 80291	29.32 0.14 0.00	24.60 -0.09 0.00	26.55 -0.02 0.00	25.91 -0.08 0.00	25.49 -0.09 0.00	28.73 -0.14 0.00	39.62 -0.38 0.00	44.46 -0.66 0.00	31.66 -0.45 0.00	25.18 -0.54 0.00	30.90 -0.55 0.00	32.34 -0.43 0.00	30.27 -0.53 0.00	28.91 -0.59 0.00	24.63 -0.69 0.05	20.12 -0.62 0.69	30.67 -0.89 0.00	57.10 -1.55 0.00	43.33 -0.76 0.00	37.99 -0.74 0.00	38.20 -0.78 -1.14	37.66 -0.60 0.00	33.22 -0.50 0.00	31.92 -0.11 0.00
GREENIDGE___3 23582	29.32 0.14 0.00	24.60 -0.09 0.00	26.55 -0.02 0.00	25.91 -0.08 0.00	25.49 -0.09 0.00	28.73 -0.14 0.00	39.62 -0.38 0.00	44.46 -0.66 0.00	31.66 -0.45 0.00	25.18 -0.54 0.00	30.90 -0.55 0.00	32.34 -0.43 0.00	30.27 -0.53 0.00	28.91 -0.59 0.00	24.63 -0.69 0.05	20.12 -0.62 0.69	30.67 -0.89 0.00	57.10 -1.55 0.00	43.33 -0.76 0.00	37.99 -0.74 0.00	38.20 -0.78 -1.14	37.66 -0.60 0.00	33.22 -0.50 0.00	31.92 -0.11 0.00
GREENIDGE___4 23583	29.32 0.14 0.00	24.60 -0.09 0.00	26.55 -0.01 0.00	25.91 -0.08 0.00	25.49 -0.09 0.00	28.73 -0.14 0.00	39.62 -0.38 0.00	44.46 -0.66 0.00	31.66 -0.45 0.00	25.18 -0.54 0.00	30.90 -0.55 0.00	32.34 -0.43 0.00	30.27 -0.53 0.00	28.91 -0.59 0.00	24.62 -0.69 0.05	20.12 -0.62 0.69	30.67 -0.89 0.00	57.10 -1.55 0.00	43.33 -0.75 0.00	37.98 -0.74 0.00	38.20 -0.78 -1.14	37.66 -0.60 0.00	33.22 -0.51 0.00	31.92 -0.11 0.00
GREENLWN_69_KV_BK 3 55738	28.62 0.51 1.07	25.03 0.35 0.00	26.82 0.25 0.00	26.32 0.33 0.00	25.78 0.20 0.00	28.02 0.42 1.28	33.38 0.33 6.94	43.69 0.29 1.72	27.11 0.26 5.25	26.58 0.88 0.00	30.45 1.53 2.54	30.40 1.61 3.97	32.31 1.42 -0.08	30.96 1.47 0.00	27.12 1.39 -0.37	26.09 1.08 -3.59	32.66 1.11 0.00	59.81 1.16 0.00	44.84 0.76 0.00	39.32 0.59 0.00	38.51 0.68 0.00	38.97 0.71 0.00	34.39 0.67 0.00	32.40 0.38 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
GRISSOM___SOLAR 323813	29.88 0.71 0.00	25.28 0.59 0.00	27.19 0.62 0.00	26.60 0.60 0.00	26.18 0.60 0.00	29.63 0.75 0.00	41.22 1.22 0.00	46.52 1.40 0.00	32.36 0.26 0.00	25.34 -0.37 0.00	30.87 -0.58 0.00	32.18 -0.59 0.00	30.28 -0.52 0.00	28.98 -0.52 0.00	24.99 -0.41 -0.03	21.62 -0.31 -0.51	31.31 -0.25 0.00	59.60 0.95 0.00	45.41 1.33 0.00	39.99 1.26 0.00	39.05 1.21 0.00	39.44 1.18 0.00	34.72 1.00 0.00	32.88 0.86 0.00
GROVEVILLE___HYD 323602	29.98 0.81 0.00	25.39 0.71 0.00	27.31 0.74 0.00	26.80 0.80 0.00	26.35 0.78 0.00	29.86 0.99 0.00	41.51 1.51 0.00	46.93 1.81 0.00	33.40 1.30 0.00	26.97 1.26 0.00	33.08 1.62 0.00	34.46 1.69 0.00	32.36 1.56 0.00	30.97 1.47 0.00	26.94 1.36 -0.21	25.90 1.23 -3.25	33.32 1.76 0.00	61.45 2.80 0.00	46.12 2.03 0.00	40.54 1.81 0.00	39.67 1.84 0.00	40.08 1.82 0.00	35.24 1.51 0.00	33.30 1.27 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.90 -0.27 0.00	24.42 -0.27 0.00	26.29 -0.27 0.00	25.73 -0.26 0.00	25.32 -0.26 0.00	28.62 -0.25 0.00	39.74 -0.26 0.00	44.82 -0.30 0.00	31.81 -0.29 0.00	25.37 -0.34 0.00	31.02 -0.44 0.00	32.34 -0.43 0.00	30.36 -0.44 0.00	29.08 -0.42 0.00	24.96 -0.40 0.00	21.11 -0.32 0.00	31.13 -0.42 0.00	58.10 -0.56 0.00	43.75 -0.33 0.00	38.43 -0.30 0.00	37.51 -0.32 0.00	37.95 -0.32 0.00	33.43 -0.29 0.00	31.84 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	29.04 -0.13 0.00	24.50 -0.19 0.00	26.40 -0.17 0.00	25.86 -0.13 0.00	25.43 -0.14 0.00	28.72 -0.15 0.00	39.89 -0.11 0.00	44.96 -0.16 0.00	31.91 -0.19 0.00	25.42 -0.29 0.00	31.05 -0.40 0.00	32.38 -0.38 0.00	30.36 -0.44 0.00	29.07 -0.42 0.00	24.92 -0.44 0.00	21.08 -0.34 0.00	31.09 -0.46 0.00	58.10 -0.56 0.00	43.81 -0.27 0.00	38.50 -0.23 0.00	37.56 -0.27 0.00	38.01 -0.25 0.00	33.50 -0.22 0.00	31.95 -0.07 0.00

HAMPSHIRE___PAPER_HYD 323593	30.45 1.27 0.00	25.65 0.96 0.00	27.49 0.93 0.00	26.90 0.91 0.00	26.51 0.94 0.00	29.87 1.00 0.00	41.35 1.36 0.00	46.73 1.61 0.00	33.02 0.92 0.00	26.03 0.31 0.00	31.41 -0.04 0.00	32.47 -0.29 0.00	30.69 -0.11 0.00	29.39 -0.11 0.00	25.21 -0.15 0.00	21.14 -0.28 0.00	31.24 -0.31 0.00	59.38 0.72 0.00	45.33 1.24 0.00	39.66 0.93 0.00	38.35 0.52 0.00	39.07 0.81 0.00	34.28 0.55 0.00	32.38 0.36 0.00
HARDSCRABBLE_WT_PWR 323673	30.25 1.08 0.00	25.64 0.95 0.00	27.61 1.05 0.00	26.96 0.96 0.00	26.48 0.91 0.00	30.01 1.14 0.00	41.92 1.92 0.00	47.38 2.26 0.00	33.15 1.04 0.00	26.15 0.44 0.00	31.89 0.43 0.00	33.21 0.44 0.00	31.12 0.32 0.00	29.78 0.29 0.00	25.64 0.27 0.00	21.71 0.29 0.00	32.21 0.65 0.00	60.79 2.13 0.00	46.12 2.04 0.00	40.60 1.87 0.00	39.67 1.84 0.00	40.04 1.77 0.00	35.29 1.57 0.00	33.44 1.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.76 0.59 0.00	25.20 0.51 0.00	27.12 0.55 0.00	26.62 0.63 0.00	26.17 0.59 0.00	29.65 0.78 0.00	41.22 1.22 0.00	46.56 1.44 0.00	33.15 1.05 0.00	26.75 1.04 0.00	32.83 1.38 0.00	34.27 1.50 0.00	32.24 1.44 0.00	30.85 1.35 0.00	26.91 1.26 -0.29	26.96 1.13 -4.41	33.17 1.61 0.00	61.11 2.45 0.00	45.91 1.82 0.00	40.34 1.61 0.00	39.47 1.64 0.00	39.87 1.61 0.00	35.01 1.29 0.00	33.09 1.06 0.00
HARSNRAD_115KV_TB1 81005	29.14 -0.04 0.00	24.32 -0.37 0.00	26.38 -0.18 0.00	25.83 -0.17 0.00	25.41 -0.17 0.00	28.21 -0.67 0.00	38.25 -1.75 0.00	42.93 -2.19 0.00	31.04 -1.06 0.00	24.98 -0.73 0.00	31.06 -0.39 0.00	32.54 -0.23 0.00	30.37 -0.43 0.00	28.89 -0.61 0.00	24.55 -0.78 0.03	20.13 -0.77 0.52	29.95 -1.61 0.00	54.59 -4.06 0.00	41.40 -2.68 0.00	36.35 -2.38 0.00	34.45 -2.57 0.81	36.16 -2.10 0.00	32.55 -1.17 0.00	31.99 -0.04 0.00
HARZA MOOSE___RIVER 24016	30.11 0.94 0.00	25.38 0.69 0.00	27.21 0.64 0.00	26.62 0.63 0.00	26.24 0.66 0.00	29.62 0.74 0.00	41.08 1.08 0.00	46.43 1.31 0.00	32.82 0.72 0.00	25.89 0.17 0.00	31.28 -0.18 0.00	32.36 -0.41 0.00	30.57 -0.23 0.00	29.31 -0.18 0.00	25.20 -0.17 0.00	21.21 -0.21 0.00	31.45 -0.10 0.00	59.66 1.00 0.00	45.40 1.31 0.00	39.76 1.04 0.00	38.42 0.59 0.00	38.92 0.66 0.00	34.05 0.33 0.00	32.19 0.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.70 -0.47 0.00	24.25 -0.44 0.00	26.10 -0.46 0.00	25.54 -0.45 0.00	25.14 -0.44 0.00	28.40 -0.46 0.00	39.41 -0.59 0.00	44.45 -0.67 0.00	31.58 -0.52 0.00	25.22 -0.49 0.00	30.87 -0.58 0.00	32.18 -0.59 0.00	30.22 -0.57 0.00	28.94 -0.56 0.00	24.86 -0.51 0.00	21.01 -0.41 0.00	30.96 -0.60 0.00	57.66 -1.00 0.00	43.41 -0.67 0.00	38.13 -0.60 0.00	37.23 -0.60 0.00	37.69 -0.57 0.00	33.21 -0.52 0.00	31.65 -0.38 0.00
HELLGATE_13_KV_LD 55870	30.11 0.94 0.00	25.49 0.80 0.00	27.40 0.84 0.00	26.94 0.95 0.00	26.47 0.90 0.00	29.95 1.08 0.00	41.48 1.48 0.00	46.80 1.68 0.00	33.47 1.37 0.00	27.23 1.52 0.00	33.43 1.98 0.00	34.89 2.12 0.00	32.86 2.06 0.00	31.45 1.95 0.00	27.39 1.79 -0.23	26.58 1.56 -3.60	33.65 2.09 0.00	61.49 2.83 0.00	46.00 1.91 0.00	40.43 1.70 0.00	39.64 1.81 0.00	40.20 1.94 0.00	35.37 1.64 0.00	33.38 1.36 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.11 0.94 0.00	25.49 0.80 0.00	27.40 0.84 0.00	26.94 0.95 0.00	26.47 0.90 0.00	29.95 1.08 0.00	41.48 1.48 0.00	46.80 1.68 0.00	33.47 1.37 0.00	27.23 1.52 0.00	33.43 1.98 0.00	34.89 2.12 0.00	32.86 2.06 0.00	31.45 1.95 0.00	27.39 1.79 -0.23	26.58 1.56 -3.60	33.65 2.09 0.00	61.49 2.83 0.00	46.00 1.91 0.00	40.43 1.70 0.00	39.64 1.81 0.00	40.20 1.94 0.00	35.37 1.64 0.00	33.38 1.36 0.00
HEMPSTEAD___ 23647	33.53 0.54 -3.82	25.10 0.40 -0.01	26.90 0.33 0.00	26.41 0.41 0.00	25.93 0.35 0.00	34.04 0.60 -4.57	45.04 0.69 -4.35	45.48 0.78 0.42	31.40 0.60 1.30	26.69 0.97 -0.01	42.24 1.59 -9.20	48.64 1.68 -14.19	36.20 1.50 -3.90	31.01 1.50 -0.01	27.67 1.44 -0.88	26.18 1.17 -3.59	32.95 1.40 0.00	60.38 1.72 0.00	45.27 1.19 0.00	39.78 1.05 0.00	39.01 1.18 0.00	39.45 1.19 0.00	34.74 1.02 0.00	32.71 0.68 0.00
HICKLING___1 23621	29.16 -0.01 0.00	24.40 -0.29 0.00	26.40 -0.17 0.00	25.71 -0.29 0.00	25.24 -0.33 0.00	28.43 -0.45 0.00	39.33 -0.67 0.00	44.14 -0.98 0.00	31.33 -0.76 0.00	24.90 -0.81 0.00	30.85 -0.61 0.00	32.48 -0.29 0.00	30.45 -0.35 0.00	29.05 -0.45 0.00	24.69 -0.61 0.06	19.97 -0.57 0.88	30.67 -0.89 0.00	57.16 -1.49 0.00	43.31 -0.78 0.00	37.81 -0.92 0.00	37.16 -1.04 -0.36	37.25 -1.01 0.00	32.79 -0.93 0.00	31.64 -0.39 0.00
HICKLING___2 23622	29.16 -0.01 0.00	24.40 -0.29 0.00	26.40 -0.17 0.00	25.71 -0.29 0.00	25.24 -0.33 0.00	28.43 -0.45 0.00	39.33 -0.67 0.00	44.14 -0.98 0.00	31.33 -0.76 0.00	24.90 -0.81 0.00	30.85 -0.61 0.00	32.48 -0.29 0.00	30.45 -0.35 0.00	29.05 -0.45 0.00	24.69 -0.61 0.06	19.97 -0.57 0.88	30.67 -0.89 0.00	57.16 -1.49 0.00	43.31 -0.78 0.00	37.81 -0.92 0.00	37.16 -1.04 -0.36	37.25 -1.01 0.00	32.79 -0.93 0.00	31.64 -0.39 0.00
HIGH FALLS___HY 23754	29.93 0.76 0.00	25.33 0.64 0.00	27.23 0.67 0.00	26.73 0.73 0.00	26.28 0.70 0.00	29.79 0.91 0.00	41.45 1.45 0.00	46.86 1.74 0.00	33.37 1.27 0.00	26.91 1.20 0.00	32.95 1.49 0.00	34.30 1.53 0.00	32.19 1.39 0.00	30.78 1.29 0.00	26.65 1.19 -0.09	23.97 1.09 -1.46	33.18 1.63 0.00	61.34 2.69 0.00	46.17 2.09 0.00	40.63 1.90 0.00	39.74 1.91 0.00	40.17 1.91 0.00	35.27 1.54 0.00	33.32 1.29 0.00
HIGH_RIVER___SOLAR 323847	29.76 0.59 0.00	25.17 0.47 0.00	27.08 0.51 0.00	26.50 0.51 0.00	26.08 0.50 0.00	29.51 0.63 0.00	41.01 1.02 0.00	46.26 1.14 0.00	32.30 0.20 0.00	25.57 -0.14 0.00	31.20 -0.25 0.00	32.49 -0.27 0.00	30.54 -0.26 0.00	29.26 -0.24 0.00	25.22 -0.18 -0.04	21.86 -0.13 -0.56	31.46 -0.09 0.00	59.32 0.66 0.00	45.17 1.09 0.00	39.82 1.09 0.00	38.88 1.04 0.00	39.24 0.99 0.00	34.56 0.83 0.00	32.74 0.72 0.00
HILLBURN___GT 23639	29.66 0.48 0.00	25.11 0.42 0.00	27.02 0.45 0.00	26.54 0.55 0.00	26.09 0.51 0.00	29.57 0.70 0.00	41.09 1.10 0.00	46.41 1.29 0.00	33.05 0.95 0.00	26.72 1.01 0.00	32.83 1.37 0.00	34.28 1.52 0.00	32.25 1.45 0.00	30.86 1.36 0.00	26.98 1.26 -0.35	27.90 1.13 -5.35	33.12 1.57 0.00	60.94 2.28 0.00	45.71 1.63 0.00	40.15 1.42 0.00	39.29 1.46 0.00	39.71 1.45 0.00	34.86 1.14 0.00	32.95 0.92 0.00
HILLSIDE_115KV_TB1 80332	28.81 -0.36 0.00	24.16 -0.53 0.00	26.17 -0.40 0.00	25.51 -0.49 0.00	25.06 -0.52 0.00	28.23 -0.64 0.00	39.10 -0.90 0.00	43.86 -1.26 0.00	31.14 -0.96 0.00	24.78 -0.94 0.00	30.72 -0.73 0.00	32.36 -0.40 0.00	30.30 -0.50 0.00	28.91 -0.59 0.00	24.58 -0.72 0.06	19.87 -0.64 0.91	30.51 -1.05 0.00	56.72 -1.94 0.00	42.91 -1.17 0.00	37.51 -1.22 0.00	36.94 -1.22 -0.33	37.05 -1.21 0.00	32.57 -1.16 0.00	31.38 -0.65 0.00

HISHELDN_WT_PWR 323625	28.87 -0.31 0.00	24.06 -0.63 0.00	26.04 -0.53 0.00	25.36 -0.63 0.00	24.87 -0.71 0.00	27.73 -1.14 0.00	37.86 -2.14 0.00	42.51 -2.61 0.00	30.53 -1.57 0.00	24.46 -1.25 0.00	30.44 -1.01 0.00	32.06 -0.71 0.00	30.06 -0.74 0.00	28.63 -0.87 0.00	24.28 -1.04 0.04	19.80 -0.99 0.63	29.81 -1.74 0.00	54.96 -3.70 0.00	41.78 -2.31 0.00	36.45 -2.27 0.00	32.35 -2.66 2.83	35.85 -2.41 0.00	32.04 -1.69 0.00	31.31 -0.72 0.00
HOLTSVILLE_IC_1 23690	27.99 0.32 1.50	24.87 0.19 0.00	26.62 0.06 0.00	26.15 0.16 0.00	25.66 0.08 0.00	27.39 0.31 1.79	32.33 0.26 7.93	43.59 0.30 1.83	26.76 0.25 5.59	26.47 0.76 0.00	28.82 1.23 3.87	28.50 1.31 5.57	31.80 1.25 0.25	30.79 1.29 0.00	26.92 1.22 -0.33	26.14 1.13 -3.59	32.77 1.21 0.00	60.02 1.37 0.00	44.88 0.80 0.00	39.45 0.72 0.00	38.66 0.83 0.00	39.07 0.81 0.00	34.46 0.74 0.00	32.37 0.34 0.00
HOLTSVILLE_IC_10 23699	28.27 0.43 1.33	24.97 0.28 0.00	26.72 0.15 0.00	26.25 0.25 0.00	25.75 0.17 0.00	27.69 0.42 1.60	32.86 0.43 7.56	43.83 0.51 1.79	27.02 0.39 5.47	26.58 0.87 0.00	29.33 1.34 3.46	29.21 1.42 4.97	32.03 1.35 0.12	30.89 1.40 0.00	27.03 1.33 -0.35	26.24 1.23 -3.59	32.90 1.35 0.00	60.30 1.65 0.00	45.14 1.05 0.00	39.66 0.93 0.00	38.86 1.03 0.00	39.27 1.01 0.00	34.62 0.90 0.00	32.51 0.48 0.00
HOLTSVILLE_IC_2 23691	27.99 0.32 1.50	24.87 0.19 0.00	26.62 0.06 0.00	26.15 0.16 0.00	25.66 0.08 0.00	27.39 0.31 1.79	32.33 0.26 7.93	43.59 0.30 1.83	26.76 0.25 5.59	26.47 0.76 0.00	28.82 1.23 3.87	28.50 1.31 5.57	31.80 1.25 0.25	30.79 1.29 0.00	26.92 1.22 -0.33	26.14 1.13 -3.59	32.77 1.21 0.00	60.02 1.37 0.00	44.88 0.80 0.00	39.45 0.72 0.00	38.66 0.83 0.00	39.07 0.81 0.00	34.46 0.74 0.00	32.37 0.34 0.00
HOLTSVILLE_IC_3 23692	27.99 0.32 1.50	24.87 0.19 0.00	26.62 0.06 0.00	26.15 0.16 0.00	25.66 0.08 0.00	27.39 0.31 1.79	32.33 0.26 7.93	43.59 0.30 1.83	26.76 0.25 5.59	26.47 0.76 0.00	28.82 1.23 3.87	28.50 1.31 5.57	31.80 1.25 0.25	30.79 1.29 0.00	26.92 1.22 -0.33	26.14 1.13 -3.59	32.77 1.21 0.00	60.02 1.37 0.00	44.88 0.80 0.00	39.45 0.72 0.00	38.66 0.83 0.00	39.07 0.81 0.00	34.46 0.74 0.00	32.37 0.34 0.00
HOLTSVILLE_IC_4 23693	27.99 0.32 1.50	24.87 0.19 0.00	26.62 0.06 0.00	26.15 0.16 0.00	25.66 0.08 0.00	27.39 0.31 1.79	32.33 0.26 7.93	43.59 0.30 1.83	26.76 0.25 5.59	26.47 0.76 0.00	28.82 1.23 3.87	28.50 1.31 5.57	31.80 1.25 0.25	30.79 1.29 0.00	26.92 1.22 -0.33	26.14 1.13 -3.59	32.77 1.21 0.00	60.02 1.37 0.00	44.88 0.80 0.00	39.45 0.72 0.00	38.66 0.83 0.00	39.07 0.81 0.00	34.46 0.74 0.00	32.37 0.34 0.00
HOLTSVILLE_IC_5 23694	27.99 0.32 1.50	24.87 0.19 0.00	26.62 0.06 0.00	26.15 0.16 0.00	25.66 0.08 0.00	27.39 0.31 1.79	32.33 0.26 7.93	43.59 0.30 1.83	26.76 0.25 5.59	26.47 0.76 0.00	28.82 1.23 3.87	28.50 1.31 5.57	31.80 1.25 0.25	30.79 1.29 0.00	26.92 1.22 -0.33	26.14 1.13 -3.59	32.77 1.21 0.00	60.02 1.37 0.00	44.88 0.80 0.00	39.45 0.72 0.00	38.66 0.83 0.00	39.07 0.81 0.00	34.46 0.74 0.00	32.37 0.34 0.00
HOLTSVILLE_IC_6 23695	28.27 0.43 1.33	24.97 0.28 0.00	26.72 0.15 0.00	26.25 0.25 0.00	25.75 0.17 0.00	27.69 0.42 1.60	32.86 0.43 7.56	43.83 0.51 1.79	27.02 0.39 5.47	26.58 0.87 0.00	29.33 1.34 3.46	29.21 1.42 4.97	32.03 1.35 0.12	30.89 1.40 0.00	27.03 1.33 -0.35	26.24 1.23 -3.59	32.90 1.35 0.00	60.30 1.65 0.00	45.14 1.05 0.00	39.66 0.93 0.00	38.86 1.03 0.00	39.27 1.01 0.00	34.62 0.90 0.00	32.51 0.48 0.00
HOLTSVILLE_IC_7 23696	28.27 0.43 1.33	24.97 0.28 0.00	26.72 0.15 0.00	26.25 0.25 0.00	25.75 0.17 0.00	27.69 0.42 1.60	32.86 0.43 7.56	43.83 0.51 1.79	27.02 0.39 5.47	26.58 0.87 0.00	29.33 1.34 3.46	29.21 1.42 4.97	32.03 1.35 0.12	30.89 1.40 0.00	27.03 1.33 -0.35	26.24 1.23 -3.59	32.90 1.35 0.00	60.30 1.65 0.00	45.14 1.05 0.00	39.66 0.93 0.00	38.86 1.03 0.00	39.27 1.01 0.00	34.62 0.90 0.00	32.51 0.48 0.00
HOLTSVILLE_IC_8 23697	28.27 0.43 1.33	24.97 0.28 0.00	26.72 0.15 0.00	26.25 0.25 0.00	25.75 0.17 0.00	27.69 0.42 1.60	32.86 0.43 7.56	43.83 0.51 1.79	27.02 0.39 5.47	26.58 0.87 0.00	29.33 1.34 3.46	29.21 1.42 4.97	32.03 1.35 0.12	30.89 1.40 0.00	27.03 1.33 -0.35	26.24 1.23 -3.59	32.90 1.35 0.00	60.30 1.65 0.00	45.14 1.05 0.00	39.66 0.93 0.00	38.86 1.03 0.00	39.27 1.01 0.00	34.62 0.90 0.00	32.51 0.48 0.00
HOLTSVILLE_IC_9 23698	28.27 0.43 1.33	24.97 0.28 0.00	26.72 0.15 0.00	26.25 0.25 0.00	25.75 0.17 0.00	27.69 0.42 1.60	32.86 0.43 7.56	43.83 0.51 1.79	27.02 0.39 5.47	26.58 0.87 0.00	29.33 1.34 3.46	29.21 1.42 4.97	32.03 1.35 0.12	30.89 1.40 0.00	27.03 1.33 -0.35	26.24 1.23 -3.59	32.90 1.35 0.00	60.30 1.65 0.00	45.14 1.05 0.00	39.66 0.93 0.00	38.86 1.03 0.00	39.27 1.01 0.00	34.62 0.90 0.00	32.51 0.48 0.00
HOMER_HL_115KV_TB2 355744	29.18 0.01 0.00	24.44 -0.25 0.00	26.58 0.02 0.00	26.03 0.03 0.00	25.57 -0.01 0.00	28.52 -0.35 0.00	38.84 -1.16 0.00	43.67 -1.45 0.00	31.19 -0.91 0.00	25.07 -0.64 0.00	31.34 -0.11 0.00	33.14 0.38 0.00	30.88 0.09 0.00	29.38 -0.11 0.00	24.87 -0.45 0.04	20.23 -0.57 0.62	30.16 -1.39 0.00	55.45 -3.20 0.00	42.26 -1.83 0.00	36.83 -1.90 0.00	35.42 -2.12 0.30	36.38 -1.89 0.00	32.32 -1.41 0.00	31.49 -0.54 0.00
HOWARD_WT_PWR 323690	28.56 -0.61 0.00	23.67 -1.02 0.00	25.45 -1.12 0.00	24.55 -1.44 0.00	23.89 -1.69 0.00	26.89 -1.98 0.00	37.03 -2.97 0.00	41.44 -3.68 0.00	29.42 -2.68 0.00	23.44 -2.27 0.00	29.05 -2.41 0.00	30.71 -2.06 0.00	29.19 -1.62 0.00	28.00 -1.50 0.00	23.57 -1.75 0.05	19.01 -1.66 0.75	29.31 -2.25 0.00	54.63 -4.03 0.00	41.71 -2.38 0.00	36.21 -2.52 0.00	37.32 -2.93 -2.42	35.26 -3.00 0.00	31.16 -2.57 0.00	30.30 -1.72 0.00
HQ_GEN_CEDARS 23644	30.06 0.89 0.00	25.39 0.70 0.00	27.32 0.75 0.00	26.72 0.72 0.00	26.29 0.71 0.00	29.60 0.73 0.00	40.91 0.91 0.00	46.11 0.99 0.00	32.82 0.72 0.00	26.23 0.52 0.00	32.05 0.60 0.00	33.37 0.60 0.00	31.42 0.61 0.00	30.07 0.57 0.00	25.81 0.45 0.00	21.70 0.28 0.00	31.97 0.42 0.00	59.60 0.94 0.00	44.92 0.84 0.00	39.44 0.71 0.00	38.42 0.59 0.00	38.97 0.71 0.00	34.40 0.67 0.00	32.62 0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	30.06 0.89 0.00	25.39 0.70 0.00	27.32 0.75 0.00	26.72 0.72 0.00	26.29 0.71 0.00	29.60 0.73 0.00	40.91 0.91 0.00	46.11 0.99 0.00	32.82 0.72 0.00	26.23 0.52 0.00	32.05 0.60 0.00	33.37 0.60 0.00	31.42 0.62 0.00	30.07 0.57 0.00	25.81 0.45 0.00	21.70 0.28 0.00	30.78 0.42 1.19	57.45 0.94 2.15	44.92 0.84 0.00	39.44 0.71 0.00	38.42 0.58 0.00	38.97 0.71 0.00	34.40 0.67 0.00	32.62 0.60 0.00

HQ_GEN_IMPORT 323601	29.56 0.39 0.00	24.99 0.30 0.00	26.90 0.34 0.00	26.32 0.32 0.00	25.89 0.31 0.00	29.18 0.31 0.00	44.27 0.37 -3.91	45.50 0.38 0.00	32.41 0.30 0.00	25.96 0.25 0.00	31.76 0.30 0.00	33.07 0.31 0.00	31.12 0.31 0.00	29.79 0.30 0.00	25.60 0.23 0.00	21.58 0.16 0.00	31.80 0.24 0.00	59.12 0.46 0.00	44.44 0.36 0.00	39.04 0.31 0.00	38.08 0.25 0.00	38.56 0.30 0.00	34.00 0.28 0.00	32.99 0.24 -0.72
HQ_GEN_WHEEL 23651	29.56 0.39 0.00	24.99 0.30 0.00	26.90 0.34 0.00	26.32 0.32 0.00	25.89 0.31 0.00	29.18 0.31 0.00	44.27 0.37 -3.91	45.50 0.38 0.00	32.41 0.30 0.00	25.96 0.25 0.00	31.76 0.30 0.00	33.07 0.31 0.00	31.12 0.31 0.00	29.79 0.30 0.00	25.60 0.23 0.00	21.58 0.16 0.00	31.80 0.24 0.00	59.12 0.46 0.00	44.44 0.36 0.00	39.04 0.31 0.00	38.08 0.25 0.00	38.56 0.30 0.00	34.00 0.28 0.00	32.99 0.24 -0.72
HUDSON AVE_GT_3 23810	29.97 0.80 0.00	25.37 0.69 0.00	27.27 0.70 0.00	26.79 0.79 0.00	26.32 0.75 0.00	29.78 0.91 0.00	41.32 1.33 0.00	46.66 1.55 0.00	33.28 1.18 0.00	27.05 1.33 0.00	33.26 1.81 0.00	34.72 1.95 0.00	32.68 1.88 0.00	31.27 1.78 0.00	27.24 1.64 -0.23	26.45 1.43 -3.60	33.50 1.94 0.00	61.36 2.70 0.00	45.95 1.86 0.00	40.34 1.61 0.00	39.51 1.68 0.00	40.01 1.75 0.00	35.20 1.48 0.00	33.24 1.21 0.00
HUDSON AVE_GT_4 23540	29.97 0.80 0.00	25.37 0.69 0.00	27.27 0.70 0.00	26.79 0.79 0.00	26.32 0.75 0.00	29.78 0.91 0.00	41.32 1.33 0.00	46.66 1.55 0.00	33.28 1.18 0.00	27.05 1.33 0.00	33.26 1.81 0.00	34.72 1.95 0.00	32.68 1.88 0.00	31.27 1.78 0.00	27.24 1.64 -0.23	26.45 1.43 -3.60	33.50 1.94 0.00	61.36 2.70 0.00	45.95 1.86 0.00	40.34 1.61 0.00	39.51 1.68 0.00	40.01 1.75 0.00	35.20 1.48 0.00	33.24 1.21 0.00
HUDSON AVE_GT_5 23657	29.97 0.80 0.00	25.37 0.69 0.00	27.27 0.70 0.00	26.79 0.79 0.00	26.32 0.75 0.00	29.78 0.91 0.00	41.32 1.33 0.00	46.66 1.55 0.00	33.28 1.18 0.00	27.05 1.33 0.00	33.26 1.81 0.00	34.72 1.95 0.00	32.68 1.88 0.00	31.27 1.78 0.00	27.24 1.64 -0.23	26.45 1.43 -3.60	33.50 1.94 0.00	61.36 2.70 0.00	45.95 1.86 0.00	40.34 1.61 0.00	39.51 1.68 0.00	40.01 1.75 0.00	35.20 1.48 0.00	33.24 1.21 0.00
HUDSON_AVE_10 24168	29.83 0.65 0.00	25.26 0.57 0.00	27.14 0.57 0.00	26.67 0.67 0.00	26.20 0.62 0.00	29.63 0.75 0.00	41.12 1.12 0.00	46.45 1.33 0.00	33.12 1.02 0.00	26.93 1.22 0.00	33.08 1.63 0.01	34.53 1.77 0.00	32.51 1.71 0.00	31.12 1.62 0.00	27.11 1.51 -0.23	26.35 1.33 -3.60	33.34 1.78 0.00	61.02 2.37 0.00	45.69 1.61 0.00	40.15 1.42 0.00	39.33 1.49 0.00	39.85 1.59 0.00	35.06 1.33 0.00	33.09 1.07 0.00
HUDSON___115KV_TB 4 355613	29.58 0.40 0.00	25.17 0.48 0.00	27.06 0.49 0.00	26.50 0.51 0.00	26.09 0.51 0.00	29.55 0.68 0.00	41.04 1.04 0.00	46.51 1.39 0.00	32.98 0.88 0.00	26.22 0.51 0.00	31.84 0.39 0.00	33.08 0.31 0.00	31.06 0.26 0.00	29.76 0.26 0.00	25.73 0.29 -0.07	22.84 0.31 -1.10	32.11 0.56 0.00	60.07 1.41 0.00	45.29 1.20 0.00	39.86 1.13 0.00	39.07 1.24 0.00	39.37 1.11 0.00	34.68 0.95 0.00	32.80 0.78 0.00
HUNTER MOUNT___DRP 323613	29.67 0.49 0.00	25.24 0.55 0.00	27.14 0.57 0.00	26.57 0.57 0.00	26.16 0.59 0.00	29.64 0.77 0.00	41.19 1.20 0.00	46.73 1.61 0.00	33.13 1.03 0.00	26.29 0.58 0.00	31.86 0.41 0.00	33.07 0.30 0.00	31.05 0.25 0.00	29.73 0.23 0.00	25.71 0.27 -0.08	22.94 0.30 -1.22	32.15 0.59 0.00	60.25 1.60 0.00	45.44 1.36 0.00	40.00 1.27 0.00	39.20 1.37 0.00	39.47 1.21 0.00	34.78 1.05 0.00	32.90 0.87 0.00
HUNTINGTON_RES_REC 323705	28.36 0.46 1.27	24.98 0.29 0.00	26.75 0.18 0.00	26.27 0.28 0.00	25.73 0.16 0.00	27.74 0.39 1.52	32.93 0.33 7.39	43.68 0.33 1.77	26.97 0.28 5.40	26.55 0.85 0.00	29.35 1.41 3.51	29.53 1.48 4.72	32.07 1.34 0.07	30.89 1.40 0.00	27.05 1.33 -0.36	26.12 1.11 -3.59	32.73 1.17 0.00	59.97 1.32 0.00	44.95 0.87 0.00	39.44 0.71 0.00	38.63 0.80 0.00	39.07 0.81 0.00	34.47 0.75 0.00	32.42 0.40 0.00
HUNTLEY___63 23557	29.36 0.18 0.00	24.49 -0.20 0.00	26.55 -0.01 0.00	26.00 0.00 0.00	25.57 -0.01 0.00	28.35 -0.52 0.00	38.44 -1.56 0.00	43.13 -1.99 0.00	31.19 -0.91 0.00	25.13 -0.58 0.00	31.30 -0.16 0.00	32.85 0.09 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.78 -0.55 0.04	20.32 -0.57 0.53	30.22 -1.33 0.00	55.07 -3.59 0.00	41.69 -2.39 0.00	36.61 -2.12 0.00	34.69 -2.32 0.82	36.38 -1.88 0.00	32.78 -0.94 0.00	32.17 0.15 0.00
HUNTLEY___64 23558	29.36 0.18 0.00	24.49 -0.20 0.00	26.55 -0.01 0.00	26.00 0.00 0.00	25.57 -0.01 0.00	28.35 -0.52 0.00	38.44 -1.56 0.00	43.13 -1.99 0.00	31.19 -0.91 0.00	25.13 -0.58 0.00	31.30 -0.16 0.00	32.85 0.09 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.78 -0.55 0.04	20.32 -0.57 0.53	30.22 -1.33 0.00	55.07 -3.59 0.00	41.69 -2.39 0.00	36.61 -2.12 0.00	34.69 -2.32 0.82	36.38 -1.88 0.00	32.78 -0.94 0.00	32.17 0.15 0.00
HUNTLEY___65 23559	29.36 0.18 0.00	24.49 -0.20 0.00	26.55 -0.01 0.00	26.00 0.00 0.00	25.57 -0.01 0.00	28.35 -0.52 0.00	38.44 -1.56 0.00	43.13 -1.99 0.00	31.19 -0.91 0.00	25.13 -0.58 0.00	31.30 -0.16 0.00	32.85 0.09 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.78 -0.55 0.04	20.32 -0.57 0.53	30.22 -1.33 0.00	55.07 -3.59 0.00	41.69 -2.39 0.00	36.61 -2.12 0.00	34.69 -2.32 0.82	36.38 -1.88 0.00	32.78 -0.94 0.00	32.17 0.15 0.00
HUNTLEY___66 23560	29.36 0.18 0.00	24.49 -0.20 0.00	26.55 -0.01 0.00	26.00 0.00 0.00	25.57 -0.01 0.00	28.35 -0.52 0.00	38.44 -1.56 0.00	43.13 -1.99 0.00	31.19 -0.91 0.00	25.13 -0.58 0.00	31.30 -0.16 0.00	32.85 0.09 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.78 -0.55 0.04	20.32 -0.57 0.53	30.22 -1.33 0.00	55.07 -3.59 0.00	41.69 -2.39 0.00	36.61 -2.12 0.00	34.69 -2.32 0.82	36.38 -1.88 0.00	32.78 -0.94 0.00	32.17 0.15 0.00
HUNTLEY___67 23561	29.06 -0.11 0.00	24.25 -0.44 0.00	26.32 -0.25 0.00	25.74 -0.25 0.00	25.33 -0.25 0.00	28.14 -0.73 0.00	38.20 -1.80 0.00	42.88 -2.24 0.00	30.97 -1.13 0.00	24.96 -0.75 0.00	31.09 -0.36 0.00	32.65 -0.12 0.00	30.46 -0.34 0.00	28.98 -0.52 0.00	24.61 -0.72 0.04	20.17 -0.70 0.55	30.04 -1.52 0.00	54.84 -3.82 0.00	41.54 -2.54 0.00	36.42 -2.30 0.00	34.51 -2.51 0.81	36.17 -2.09 0.00	32.53 -1.19 0.00	31.88 -0.14 0.00
HUNTLEY___68 23562	29.06 -0.11 0.00	24.25 -0.44 0.00	26.32 -0.25 0.00	25.74 -0.25 0.00	25.33 -0.25 0.00	28.14 -0.73 0.00	38.20 -1.80 0.00	42.88 -2.24 0.00	30.97 -1.13 0.00	24.96 -0.75 0.00	31.09 -0.36 0.00	32.65 -0.12 0.00	30.46 -0.34 0.00	28.98 -0.52 0.00	24.61 -0.72 0.04	20.17 -0.70 0.55	30.04 -1.52 0.00	54.84 -3.82 0.00	41.54 -2.54 0.00	36.42 -2.30 0.00	34.51 -2.51 0.81	36.17 -2.09 0.00	32.53 -1.19 0.00	31.88 -0.14 0.00

HYLAND___LFGE 323620	30.45 1.27 0.00	25.40 0.71 0.00	27.41 0.84 0.00	26.73 0.73 0.00	26.30 0.72 0.00	29.54 0.67 0.00	40.92 0.92 0.00	46.06 0.95 0.00	32.55 0.45 0.00	25.30 -0.41 0.00	31.23 -0.22 0.00	32.74 -0.03 0.00	30.70 -0.09 0.00	29.24 -0.25 0.00	24.85 -0.47 0.04	20.34 -0.48 0.60	30.86 -0.70 0.00	57.73 -0.92 0.00	44.67 0.58 0.00	39.48 0.76 0.00	40.94 0.40 -2.71	38.76 0.50 0.00	34.30 0.58 0.00	33.06 1.03 0.00
INDECK___CORINTH 23802	29.63 0.46 0.00	25.16 0.47 0.00	27.14 0.58 0.00	26.60 0.60 0.00	26.20 0.62 0.00	29.66 0.79 0.00	41.37 1.37 0.00	46.87 1.75 0.00	33.08 0.98 0.00	26.24 0.53 0.00	31.91 0.46 0.00	33.14 0.37 0.00	31.01 0.21 0.00	29.71 0.21 0.00	25.68 0.26 -0.06	22.63 0.35 -0.86	32.41 0.85 0.00	60.57 1.91 0.00	45.39 1.30 0.00	39.98 1.25 0.00	39.09 1.26 0.00	39.34 1.08 0.00	34.84 1.12 0.00	32.95 0.92 0.00
INDECK___ILION 23567	29.75 0.57 0.00	25.20 0.51 0.00	27.12 0.55 0.00	26.51 0.52 0.00	26.07 0.49 0.00	29.51 0.63 0.00	41.07 1.07 0.00	46.38 1.27 0.00	32.69 0.59 0.00	25.96 0.25 0.00	31.69 0.24 0.00	33.00 0.24 0.00	30.98 0.17 0.00	29.65 0.15 0.00	25.52 0.16 0.00	21.60 0.18 0.00	31.95 0.39 0.00	59.91 1.26 0.00	45.24 1.16 0.00	39.78 1.05 0.00	38.88 1.05 0.00	39.25 0.99 0.00	34.59 0.86 0.00	32.80 0.77 0.00
INDECK___OLEAN 23982	29.19 0.01 0.00	24.44 -0.25 0.00	26.58 0.02 0.00	26.03 0.03 0.00	25.57 -0.01 0.00	28.52 -0.35 0.00	38.84 -1.16 0.00	43.67 -1.45 0.00	31.19 -0.91 0.00	25.07 -0.65 0.00	31.35 -0.11 0.00	33.14 0.38 0.00	30.88 0.09 0.00	29.38 -0.11 0.00	24.87 -0.46 0.04	20.24 -0.56 0.62	30.17 -1.39 0.00	55.45 -3.21 0.00	42.26 -1.82 0.00	36.83 -1.90 0.00	35.43 -2.11 0.30	36.37 -1.89 0.00	32.31 -1.41 0.00	31.49 -0.53 0.00
INDECK___OSWEGO 23783	28.47 -0.70 0.00	24.06 -0.63 0.00	25.88 -0.69 0.00	25.33 -0.67 0.00	24.93 -0.64 0.00	28.16 -0.71 0.00	39.06 -0.95 0.00	44.08 -1.04 0.00	31.31 -0.79 0.00	24.98 -0.74 0.00	30.49 -0.96 0.00	31.72 -1.04 0.00	29.85 -0.95 0.00	28.59 -0.91 0.00	24.57 -0.80 0.00	20.76 -0.66 0.00	30.56 -0.99 0.00	57.09 -1.56 0.00	43.03 -1.05 0.00	37.82 -0.91 0.00	36.90 -0.93 0.00	37.32 -0.94 0.00	32.86 -0.86 0.00	31.27 -0.75 0.00
INDECK___YERKES 23781	29.39 0.22 0.00	24.52 -0.17 0.00	26.57 0.01 0.00	26.01 0.02 0.00	25.59 0.02 0.00	28.37 -0.50 0.00	38.48 -1.52 0.00	43.17 -1.95 0.00	31.22 -0.88 0.00	25.15 -0.56 0.00	31.32 -0.13 0.00	32.88 0.12 0.00	30.68 -0.12 0.00	29.19 -0.30 0.00	24.80 -0.53 0.04	20.35 -0.54 0.53	30.25 -1.30 0.00	55.10 -3.56 0.00	41.72 -2.36 0.00	36.64 -2.09 0.00	34.72 -2.29 0.82	36.41 -1.85 0.00	32.80 -0.92 0.00	32.20 0.17 0.00
INDIAN POINT_GT_1 24139	29.68 0.50 0.00	25.13 0.44 0.00	27.04 0.47 0.00	26.55 0.55 0.00	26.09 0.51 0.00	29.54 0.67 0.00	41.03 1.03 0.00	46.34 1.22 0.00	33.01 0.91 0.00	26.72 1.02 0.00	32.83 1.38 0.00	34.26 1.49 0.00	32.22 1.42 0.00	30.83 1.33 0.00	26.87 1.25 -0.26	26.53 1.11 -4.00	33.07 1.52 0.00	60.80 2.15 0.00	45.62 1.53 0.00	40.08 1.35 0.00	39.23 1.39 0.00	39.65 1.39 0.00	34.85 1.13 0.00	32.93 0.91 0.00
INDIAN POINT_GT_2 23659	29.68 0.50 0.00	25.13 0.44 0.00	27.04 0.47 0.00	26.55 0.55 0.00	26.09 0.51 0.00	29.54 0.67 0.00	41.03 1.03 0.00	46.34 1.22 0.00	33.01 0.91 0.00	26.72 1.02 0.00	32.83 1.38 0.00	34.26 1.49 0.00	32.22 1.42 0.00	30.83 1.33 0.00	26.87 1.25 -0.26	26.53 1.11 -4.00	33.07 1.52 0.00	60.80 2.15 0.00	45.62 1.53 0.00	40.08 1.35 0.00	39.23 1.39 0.00	39.65 1.39 0.00	34.85 1.13 0.00	32.93 0.91 0.00
INDIAN POINT_GT_3 24019	29.68 0.50 0.00	25.13 0.44 0.00	27.04 0.47 0.00	26.55 0.55 0.00	26.09 0.51 0.00	29.54 0.67 0.00	41.03 1.03 0.00	46.34 1.22 0.00	33.01 0.91 0.00	26.72 1.02 0.00	32.83 1.38 0.00	34.26 1.49 0.00	32.22 1.42 0.00	30.83 1.33 0.00	26.87 1.25 -0.26	26.53 1.11 -4.00	33.07 1.52 0.00	60.80 2.15 0.00	45.62 1.53 0.00	40.08 1.35 0.00	39.23 1.39 0.00	39.65 1.39 0.00	34.85 1.13 0.00	32.93 0.91 0.00
INDIAN POINT___2 23530	29.65 0.48 0.00	25.11 0.42 0.00	27.01 0.44 0.00	26.53 0.53 0.00	26.07 0.50 0.00	29.52 0.65 0.00	41.01 1.01 0.00	46.30 1.18 0.00	32.98 0.88 0.00	26.70 0.99 0.00	32.80 1.35 0.00	34.24 1.47 0.00	32.20 1.40 0.00	30.82 1.32 0.00	26.88 1.23 -0.28	26.83 1.10 -4.30	33.05 1.50 0.00	60.75 2.09 0.00	45.59 1.50 0.00	40.04 1.31 0.00	39.20 1.37 0.00	39.63 1.37 0.00	34.84 1.11 0.00	32.92 0.89 0.00
INDIAN POINT___3 23531	29.66 0.49 0.00	25.13 0.44 0.00	27.03 0.46 0.00	26.54 0.55 0.00	26.09 0.51 0.00	29.54 0.67 0.00	41.02 1.02 0.00	46.33 1.22 0.00	33.01 0.91 0.00	26.70 0.99 0.00	32.81 1.36 0.00	34.24 1.47 0.00	32.19 1.39 0.00	30.81 1.31 0.00	26.85 1.22 -0.26	26.46 1.09 -3.95	33.04 1.49 0.00	60.77 2.12 0.00	45.58 1.50 0.00	40.04 1.32 0.00	39.21 1.38 0.00	39.63 1.38 0.00	34.85 1.12 0.00	32.93 0.90 0.00
INGHAM_C_115KV_TB7 356103	30.60 1.42 0.00	25.94 1.25 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.80 1.23 0.00	30.39 1.52 0.00	42.50 2.50 0.00	48.04 2.93 0.00	33.46 1.36 0.00	26.25 0.54 0.00	31.98 0.52 0.00	33.30 0.53 0.00	31.20 0.40 0.00	29.83 0.33 0.00	25.71 0.35 0.00	21.81 0.38 0.00	32.41 0.85 0.00	61.47 2.81 0.00	46.72 2.64 0.00	41.12 2.39 0.00	40.24 2.40 0.00	40.59 2.33 0.00	35.77 2.05 0.00	33.88 1.86 0.00
IP CORINTH___1 23988	29.80 0.63 0.00	25.29 0.60 0.00	27.29 0.73 0.00	26.73 0.74 0.00	26.34 0.77 0.00	29.84 0.97 0.00	41.59 1.60 0.00	47.14 2.02 0.00	33.27 1.17 0.00	26.39 0.68 0.00	32.08 0.63 0.00	33.32 0.55 0.00	31.18 0.38 0.00	29.87 0.37 0.00	25.81 0.39 -0.06	22.74 0.46 -0.86	32.58 1.02 0.00	60.90 2.25 0.00	45.63 1.55 0.00	40.21 1.48 0.00	39.31 1.48 0.00	39.56 1.30 0.00	35.03 1.31 0.00	33.13 1.10 0.00
IP___TICONDEROGA 23804	31.32 2.14 0.00	26.50 1.81 0.00	28.71 2.14 0.00	28.23 2.24 0.00	27.75 2.18 0.00	31.66 2.79 0.00	44.34 4.34 0.00	50.50 5.38 0.00	35.29 3.19 0.00	27.70 1.99 0.00	33.53 2.08 0.00	34.82 2.05 0.00	32.34 1.54 0.00	30.94 1.44 0.00	26.82 1.40 -0.06	23.71 1.43 -0.87	34.24 2.69 0.00	64.19 5.53 0.00	47.91 3.83 0.00	42.38 3.65 0.00	41.32 3.49 0.00	41.46 3.20 0.00	37.19 3.46 0.00	34.98 2.95 0.00
ISLIP_RES_REC 323679	28.46 0.51 1.23	25.04 0.35 0.00	26.79 0.23 0.00	26.32 0.32 0.00	25.82 0.25 0.00	27.90 0.50 1.47	33.24 0.57 7.32	44.04 0.68 1.77	27.21 0.51 5.39	26.67 0.96 0.00	29.71 1.44 3.18	29.70 1.51 4.57	32.20 1.44 0.04	30.98 1.48 0.00	27.12 1.40 -0.36	26.33 1.32 -3.59	33.03 1.48 0.00	60.54 1.89 0.00	45.33 1.25 0.00	39.84 1.11 0.00	39.02 1.19 0.00	39.42 1.15 0.00	34.75 1.03 0.00	32.61 0.58 0.00

JAMAICA__27_KV_LOAD 355505	29.90 0.73 0.00	25.34 0.65 0.00	27.21 0.65 0.00	26.74 0.75 0.00	26.26 0.68 0.00	29.67 0.80 0.00	41.23 1.24 0.00	46.62 1.50 0.00	33.23 1.13 0.00	27.05 1.34 0.00	33.11 1.66 0.01	34.61 1.84 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.43 1.41 -3.60	33.45 1.90 0.00	61.11 2.46 0.00	45.78 1.70 0.00	40.29 1.56 0.00	39.46 1.63 0.00	40.02 1.76 0.00	35.20 1.48 0.00	33.21 1.18 0.00
JANIS__SOLAR 323808	30.55 1.37 0.00	25.71 1.02 0.00	27.49 0.92 0.00	26.74 0.75 0.00	26.21 0.63 0.00	29.64 0.77 0.00	41.35 1.35 0.00	46.56 1.44 0.00	32.62 0.52 0.00	25.66 -0.06 0.00	31.39 -0.07 0.00	32.65 -0.12 0.00	30.61 -0.19 0.00	29.23 -0.27 0.00	24.94 -0.36 0.06	20.21 -0.27 0.95	31.41 -0.14 0.00	59.16 0.50 0.00	45.24 1.16 0.00	39.83 1.10 0.00	38.91 0.90 -0.18	39.03 0.78 0.00	34.34 0.61 0.00	32.75 0.73 0.00
JARVIS____ 23743	29.14 -0.03 0.00	24.69 0.00 0.00	26.56 -0.01 0.00	25.98 -0.01 0.00	25.56 -0.02 0.00	28.87 0.00 0.00	40.04 0.04 0.00	45.18 0.06 0.00	32.11 0.01 0.00	25.71 0.00 0.00	31.44 -0.02 0.00	32.73 -0.03 0.00	30.77 -0.03 0.00	29.48 -0.02 0.00	25.36 0.00 0.00	21.44 0.02 0.00	31.59 0.04 0.00	58.78 0.12 0.00	44.17 0.09 0.00	38.81 0.08 0.00	37.92 0.08 0.00	38.31 0.05 0.00	33.74 0.02 0.00	32.03 0.00 0.00
JENNISON____1 23625	31.33 2.16 0.00	26.37 1.68 0.00	27.73 1.17 0.00	26.66 0.67 0.00	26.02 0.44 0.00	29.43 0.56 0.00	41.23 1.24 0.00	46.24 1.12 0.00	32.54 0.44 0.00	25.95 0.24 0.00	32.23 0.77 0.00	33.28 0.51 0.00	31.17 0.37 0.00	29.64 0.14 0.00	25.27 -0.01 0.08	20.09 -0.11 1.22	31.57 0.02 0.00	59.05 0.39 0.00	44.63 0.55 0.00	39.28 0.56 0.00	38.27 0.44 0.00	38.23 -0.03 0.00	33.76 0.03 0.00	32.25 0.23 0.00
JENNISON____2 23626	31.33 2.16 0.00	26.37 1.68 0.00	27.73 1.17 0.00	26.66 0.67 0.00	26.02 0.44 0.00	29.43 0.56 0.00	41.23 1.24 0.00	46.24 1.12 0.00	32.54 0.44 0.00	25.95 0.24 0.00	32.23 0.77 0.00	33.28 0.51 0.00	31.17 0.37 0.00	29.64 0.14 0.00	25.27 -0.01 0.08	20.09 -0.11 1.22	31.57 0.02 0.00	59.05 0.39 0.00	44.63 0.55 0.00	39.28 0.56 0.00	38.27 0.44 0.00	38.23 -0.03 0.00	33.76 0.03 0.00	32.25 0.23 0.00
JERICOHO_RISE_WT_PWR 323719	30.02 0.85 0.00	25.39 0.70 0.00	27.35 0.78 0.00	26.69 0.70 0.00	26.25 0.67 0.00	29.54 0.67 0.00	40.70 0.70 0.00	45.94 0.82 0.00	32.69 0.59 0.00	26.13 0.42 0.00	31.87 0.42 0.00	33.19 0.43 0.00	31.34 0.54 0.00	30.03 0.53 0.00	25.80 0.43 0.00	21.74 0.31 0.00	32.03 0.47 0.00	60.05 1.40 0.00	45.41 1.32 0.00	39.47 0.74 0.00	38.33 0.50 0.00	38.79 0.54 0.00	34.18 0.45 0.00	32.10 0.07 0.00
KATONAH__115KV_46KV_TB4 355592	29.86 0.69 0.00	25.29 0.60 0.00	27.20 0.63 0.00	26.69 0.70 0.00	26.25 0.67 0.00	29.73 0.86 0.00	41.29 1.29 0.00	46.68 1.56 0.00	33.25 1.15 0.00	26.92 1.21 0.00	33.06 1.60 0.00	34.47 1.70 0.00	32.39 1.59 0.00	30.99 1.50 0.00	26.96 1.38 -0.21	25.87 1.22 -3.23	33.24 1.68 0.00	61.16 2.50 0.00	45.86 1.77 0.00	40.30 1.57 0.00	39.46 1.63 0.00	39.88 1.62 0.00	35.07 1.34 0.00	33.13 1.11 0.00
KCE_NY_1 323755	29.93 0.76 0.00	25.39 0.70 0.00	27.35 0.78 0.00	26.78 0.79 0.00	26.38 0.80 0.00	29.90 1.03 0.00	41.59 1.59 0.00	47.01 1.89 0.00	33.29 1.19 0.00	26.49 0.77 0.00	32.26 0.81 0.00	33.53 0.76 0.00	31.42 0.62 0.00	30.11 0.61 0.00	26.01 0.59 -0.06	22.94 0.64 -0.88	32.73 1.17 0.00	61.03 2.37 0.00	45.77 1.68 0.00	40.24 1.52 0.00	39.41 1.58 0.00	39.70 1.44 0.00	35.04 1.32 0.00	33.19 1.16 0.00
KCE_NY_6_ESR 323823	29.25 0.07 0.00	24.40 -0.29 0.00	26.48 -0.09 0.00	25.87 -0.12 0.00	25.44 -0.14 0.00	28.32 -0.56 0.00	38.52 -1.48 0.00	43.24 -1.88 0.00	31.18 -0.93 0.00	25.08 -0.63 0.00	31.25 -0.20 0.00	32.82 0.06 0.00	30.66 -0.14 0.00	29.18 -0.31 0.00	24.77 -0.56 0.04	20.29 -0.56 0.57	30.26 -1.30 0.00	55.39 -3.27 0.00	42.03 -2.05 0.00	36.82 -1.90 0.00	34.73 -2.15 0.95	36.47 -1.79 0.00	32.70 -1.03 0.00	32.02 -0.01 0.00
KEDC_PORT_JEFF_GT2 24210	28.19 0.42 1.39	24.94 0.26 0.00	26.70 0.14 0.00	26.22 0.23 0.00	25.73 0.15 0.00	27.59 0.39 1.67	32.69 0.38 7.69	43.76 0.45 1.80	26.94 0.35 5.51	26.55 0.85 0.00	29.15 1.33 3.63	28.98 1.40 5.19	31.96 1.33 0.17	30.87 1.38 0.00	27.00 1.30 -0.34	26.20 1.19 -3.59	32.86 1.31 0.00	60.21 1.56 0.00	45.07 0.99 0.00	39.62 0.89 0.00	38.81 0.98 0.00	39.22 0.96 0.00	34.59 0.87 0.00	32.48 0.46 0.00
KEDC_PORT_JEFF_GT3 24211	28.19 0.42 1.39	24.94 0.26 0.00	26.70 0.14 0.00	26.22 0.23 0.00	25.73 0.15 0.00	27.59 0.39 1.67	32.69 0.38 7.69	43.76 0.45 1.80	26.94 0.35 5.51	26.55 0.85 0.00	29.15 1.33 3.63	28.98 1.40 5.19	31.96 1.33 0.17	30.87 1.38 0.00	27.00 1.30 -0.34	26.20 1.19 -3.59	32.86 1.31 0.00	60.21 1.56 0.00	45.07 0.99 0.00	39.62 0.89 0.00	38.81 0.98 0.00	39.22 0.96 0.00	34.59 0.87 0.00	32.48 0.46 0.00
KEDC_GLWD_GT4 24219	32.86 0.77 -2.92	25.32 0.62 -0.01	27.16 0.59 0.00	26.67 0.67 0.00	26.20 0.62 0.00	33.21 0.84 -3.49	44.43 0.87 -3.57	45.89 1.01 0.24	32.12 0.78 0.76	26.80 1.08 -0.01	40.28 1.80 -7.03	45.53 1.92 -10.84	36.01 1.75 -3.46	31.22 1.71 -0.01	27.82 1.60 -0.85	26.36 1.35 -3.59	33.25 1.70 0.00	60.68 2.02 0.00	45.48 1.40 0.00	39.96 1.23 0.00	39.36 1.53 0.00	39.83 1.57 0.00	35.06 1.33 0.00	33.05 1.03 0.00
KEDC_GLWD_GT5 24220	32.86 0.77 -2.92	25.32 0.62 -0.01	27.16 0.59 0.00	26.67 0.67 0.00	26.20 0.62 0.00	33.21 0.84 -3.49	44.43 0.87 -3.57	45.89 1.01 0.24	32.12 0.78 0.76	26.80 1.08 -0.01	40.28 1.80 -7.03	45.53 1.92 -10.84	36.01 1.75 -3.46	31.22 1.71 -0.01	27.82 1.60 -0.85	26.36 1.35 -3.59	33.25 1.70 0.00	60.68 2.02 0.00	45.48 1.40 0.00	39.96 1.23 0.00	39.36 1.53 0.00	39.83 1.57 0.00	35.06 1.33 0.00	33.05 1.03 0.00
KENSICO____ 23655	29.77 0.60 0.00	25.22 0.53 0.00	27.12 0.56 0.00	26.63 0.64 0.00	26.18 0.60 0.00	29.63 0.76 0.00	41.14 1.14 0.00	46.47 1.35 0.00	33.11 1.01 0.00	26.84 1.13 0.00	32.99 1.53 0.00	34.41 1.65 0.00	32.36 1.57 0.00	30.97 1.48 0.00	26.97 1.37 -0.24	26.31 1.21 -3.68	33.20 1.65 0.00	60.98 2.32 0.00	45.72 1.64 0.00	40.15 1.42 0.00	39.33 1.50 0.00	39.78 1.52 0.00	34.98 1.26 0.00	33.05 1.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.87 0.70 0.00	25.29 0.60 0.00	27.19 0.62 0.00	26.69 0.69 0.00	26.24 0.66 0.00	29.74 0.87 0.00	41.39 1.39 0.00	46.79 1.67 0.00	33.31 1.21 0.00	26.82 1.11 0.00	32.80 1.35 0.00	34.15 1.38 0.00	32.05 1.25 0.00	30.65 1.16 0.00	26.49 1.08 -0.05	23.23 1.00 -0.80	33.07 1.51 0.00	61.22 2.57 0.00	46.10 2.01 0.00	40.56 1.84 0.00	39.68 1.85 0.00	40.10 1.84 0.00	35.22 1.50 0.00	33.28 1.25 0.00

KIAC_JFK_GT1 23816	29.74 0.57 0.00	25.20 0.51 0.00	27.06 0.49 0.00	26.60 0.60 0.00	26.08 0.50 0.00	29.38 0.51 0.00	40.83 0.83 0.00	46.15 1.03 0.00	32.91 0.81 0.00	26.87 1.16 0.00	32.92 1.47 0.01	34.41 1.64 0.00	32.41 1.61 0.00	31.02 1.52 0.00	27.04 1.44 -0.23	26.30 1.28 -3.60	33.21 1.66 0.00	60.53 1.87 0.00	45.33 1.25 0.00	39.89 1.17 0.00	39.07 1.24 0.00	39.77 1.51 0.00	35.00 1.28 0.00	33.01 0.99 0.00
KIAC_JFK_GT2 23817	29.74 0.57 0.00	25.20 0.51 0.00	27.06 0.49 0.00	26.60 0.60 0.00	26.08 0.50 0.00	29.38 0.51 0.00	40.83 0.83 0.00	46.15 1.03 0.00	32.91 0.81 0.00	26.87 1.16 0.00	32.92 1.47 0.01	34.41 1.64 0.00	32.41 1.61 0.00	31.02 1.52 0.00	27.04 1.44 -0.23	26.30 1.28 -3.60	33.21 1.66 0.00	60.53 1.87 0.00	45.33 1.25 0.00	39.89 1.17 0.00	39.07 1.24 0.00	39.77 1.51 0.00	35.00 1.28 0.00	33.01 0.99 0.00
KIAC_JFK____ 323774	29.74 0.57 0.00	25.20 0.51 0.00	27.06 0.49 0.00	26.60 0.60 0.00	26.08 0.50 0.00	29.38 0.51 0.00	40.83 0.83 0.00	46.15 1.03 0.00	32.91 0.81 0.00	26.88 1.16 0.00	32.92 1.47 0.01	34.41 1.64 0.00	32.41 1.60 0.00	31.02 1.52 0.00	27.03 1.44 -0.23	26.30 1.28 -3.60	33.21 1.66 0.00	60.53 1.87 0.00	45.33 1.25 0.00	39.89 1.16 0.00	39.07 1.24 0.00	39.77 1.50 0.00	35.00 1.28 0.00	33.01 0.99 0.00
KINTIGH__24_KV_GSU 356498	29.14 -0.03 0.00	24.33 -0.36 0.00	26.40 -0.16 0.00	25.87 -0.12 0.00	25.47 -0.11 0.00	28.33 -0.54 0.00	38.51 -1.49 0.00	43.25 -1.86 0.00	31.16 -0.94 0.00	25.10 -0.61 0.00	31.21 -0.25 0.00	32.73 -0.03 0.00	30.55 -0.25 0.00	29.07 -0.43 0.00	24.71 -0.62 0.03	20.31 -0.62 0.49	30.24 -1.32 0.00	55.36 -3.29 0.00	41.87 -2.21 0.00	36.74 -1.98 0.00	35.11 -2.14 0.58	36.50 -1.76 0.00	32.75 -0.97 0.00	31.97 -0.06 0.00
KINTIGH____ 23543	29.12 -0.05 0.00	24.31 -0.38 0.00	26.38 -0.18 0.00	25.86 -0.14 0.00	25.45 -0.13 0.00	28.32 -0.55 0.00	38.47 -1.53 0.00	43.21 -1.91 0.00	31.15 -0.96 0.00	25.09 -0.62 0.00	31.18 -0.27 0.00	32.71 -0.06 0.00	30.52 -0.27 0.00	29.05 -0.45 0.00	24.70 -0.63 0.03	20.29 -0.64 0.49	30.21 -1.34 0.00	55.32 -3.33 0.00	41.85 -2.24 0.00	36.72 -2.01 0.00	35.07 -2.18 0.58	36.48 -1.78 0.00	32.73 -1.00 0.00	31.94 -0.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.58 1.41 0.00	25.89 1.20 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.82 1.24 0.00	30.18 1.31 0.00	41.66 1.66 0.00	47.06 1.94 0.00	33.36 1.26 0.00	26.50 0.78 0.00	32.29 0.83 0.00	33.58 0.81 0.00	31.73 0.93 0.00	30.43 0.94 0.00	26.15 0.78 0.00	22.08 0.65 0.00	32.60 1.05 0.00	61.36 2.71 0.00	46.35 2.27 0.00	40.28 1.55 0.00	39.14 1.31 0.00	39.51 1.25 0.00	34.81 1.09 0.00	32.53 0.50 0.00
LACHUTE____HYDRO 323717	31.32 2.15 0.00	26.50 1.81 0.00	28.71 2.14 0.00	28.23 2.24 0.00	27.75 2.18 0.00	31.66 2.79 0.00	44.34 4.34 0.00	50.49 5.37 0.00	35.29 3.19 0.00	27.70 1.99 0.00	33.53 2.08 0.00	34.82 2.06 0.00	32.34 1.54 0.00	30.94 1.44 0.00	26.82 1.40 -0.06	23.72 1.43 -0.87	34.24 2.68 0.00	64.19 5.53 0.00	47.91 3.83 0.00	42.38 3.65 0.00	41.32 3.49 0.00	41.46 3.20 0.00	37.19 3.46 0.00	34.97 2.95 0.00
LAWRNCALV_115KV_TB1 80681	30.43 1.25 0.00	25.67 0.99 0.00	27.60 1.03 0.00	26.99 1.00 0.00	26.57 1.00 0.00	29.93 1.06 0.00	41.38 1.38 0.00	46.70 1.58 0.00	33.12 1.02 0.00	26.30 0.59 0.00	32.00 0.55 0.00	33.24 0.48 0.00	31.34 0.54 0.00	29.98 0.48 0.00	25.71 0.35 0.00	21.56 0.14 0.00	31.73 0.18 0.00	59.55 0.89 0.00	45.16 1.07 0.00	39.52 0.79 0.00	38.49 0.66 0.00	39.21 0.95 0.00	34.62 0.90 0.00	32.77 0.74 0.00
LEDERLE____ 23769	29.79 0.62 0.00	25.22 0.53 0.00	27.13 0.57 0.00	26.65 0.66 0.00	26.20 0.62 0.00	29.74 0.87 0.00	41.37 1.37 0.00	46.72 1.60 0.00	33.27 1.17 0.00	26.89 1.18 0.00	33.04 1.59 0.00	34.50 1.74 0.00	32.45 1.66 0.00	31.05 1.56 0.00	27.12 1.43 -0.32	27.65 1.28 -4.94	33.35 1.80 0.00	61.37 2.72 0.00	45.92 1.84 0.00	40.32 1.59 0.00	39.45 1.62 0.00	39.87 1.61 0.00	35.02 1.30 0.00	33.09 1.06 0.00
LIGHTHSE_115KV_TB6 355974	29.21 0.04 0.00	24.63 -0.06 0.00	26.44 -0.12 0.00	25.89 -0.11 0.00	25.50 -0.07 0.00	28.79 -0.08 0.00	39.91 -0.09 0.00	45.07 -0.05 0.00	31.91 -0.20 0.00	25.28 -0.43 0.00	30.64 -0.81 0.00	31.76 -1.01 0.00	29.96 -0.84 0.00	28.71 -0.79 0.00	24.67 -0.69 0.00	20.79 -0.63 0.00	30.63 -0.93 0.00	57.88 -0.78 0.00	43.97 -0.12 0.00	38.63 -0.10 0.00	37.50 -0.33 0.00	37.99 -0.27 0.00	33.34 -0.38 0.00	31.65 -0.38 0.00
LINDEN COGEN____ 23786	25.79 0.59 3.97	24.17 0.51 1.04	25.98 0.52 1.11	26.62 0.63 0.00	26.15 0.58 0.00	29.55 0.68 0.00	41.01 1.01 0.00	46.30 1.18 0.00	33.02 0.92 0.00	26.84 1.13 0.00	33.04 1.58 0.00	34.48 1.72 0.00	32.46 1.67 0.00	31.07 1.58 0.00	27.06 1.46 -0.23	26.32 1.29 -3.60	33.29 1.73 0.00	60.96 2.31 0.00	45.66 1.57 0.00	40.09 1.36 0.00	39.27 1.44 0.00	39.77 1.51 0.00	34.98 1.26 0.00	33.03 1.00 0.00
LINDHRST_69_KV_BK1 356055	31.10 0.79 -1.13	25.28 0.59 0.00	27.08 0.51 0.00	26.57 0.58 0.00	26.06 0.49 0.00	31.02 0.79 -1.35	38.83 0.97 2.14	45.02 1.13 1.22	29.17 0.82 3.75	26.91 1.20 0.00	36.00 1.84 -2.70	38.83 1.87 -4.20	34.24 1.70 -1.74	31.25 1.75 0.00	27.62 1.67 -0.58	26.43 1.42 -3.59	33.23 1.68 0.00	60.98 2.33 0.00	45.74 1.66 0.00	40.24 1.51 0.00	39.40 1.57 0.00	39.82 1.56 0.00	35.06 1.34 0.00	32.95 0.92 0.00
LIPA_MISC_IPP 23656	27.91 0.21 1.47	24.78 0.10 0.00	26.51 -0.05 0.00	26.05 0.06 0.00	25.57 0.00 0.00	27.32 0.21 1.76	32.27 0.14 7.86	43.48 0.19 1.82	26.68 0.15 5.57	26.37 0.66 0.00	28.73 1.08 3.80	28.44 1.15 5.48	31.71 1.15 0.23	30.69 1.20 0.00	26.82 1.13 -0.33	26.12 1.11 -3.59	32.72 1.16 0.00	59.92 1.27 0.00	44.78 0.70 0.00	39.35 0.63 0.00	38.58 0.74 0.00	38.96 0.70 0.00	34.36 0.63 0.00	32.24 0.22 0.00
LISF____SOLAR 323691	27.98 0.25 1.44	24.82 0.13 0.00	26.55 -0.02 0.00	26.08 0.09 0.00	25.60 0.02 0.00	27.39 0.25 1.73	32.39 0.19 7.80	43.55 0.25 1.82	26.74 0.19 5.54	26.39 0.69 0.00	28.80 1.07 3.73	28.55 1.16 5.37	31.74 1.15 0.20	30.70 1.21 0.00	26.86 1.15 -0.34	26.15 1.14 -3.59	32.77 1.21 0.00	60.03 1.37 0.00	44.86 0.78 0.00	39.42 0.70 0.00	38.64 0.81 0.00	39.03 0.77 0.00	34.43 0.70 0.00	32.30 0.27 0.00
LITTLE FALLS____HYD 24013	30.60 1.42 0.00	25.94 1.25 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.80 1.23 0.00	30.39 1.52 0.00	42.50 2.50 0.00	48.04 2.93 0.00	33.46 1.36 0.00	26.25 0.54 0.00	31.98 0.52 0.00	33.30 0.53 0.00	31.20 0.40 0.00	29.83 0.33 0.00	25.71 0.35 0.00	21.81 0.38 0.00	32.41 0.85 0.00	61.47 2.81 0.00	46.72 2.64 0.00	41.12 2.39 0.00	40.24 2.40 0.00	40.59 2.33 0.00	35.77 2.05 0.00	33.88 1.86 0.00

LITTLRIV_115KV_TB1 356100	30.87 1.70 0.00	26.04 1.35 0.00	27.98 1.41 0.00	27.38 1.39 0.00	26.95 1.38 0.00	30.38 1.51 0.00	42.04 2.05 0.00	47.44 2.33 0.00	33.50 1.40 0.00	26.44 0.72 0.00	32.12 0.66 0.00	33.37 0.60 0.00	31.43 0.64 0.00	30.07 0.57 0.00	25.79 0.42 0.00	21.61 0.18 0.00	31.81 0.25 0.00	59.99 1.34 0.00	45.80 1.72 0.00	40.13 1.40 0.00	39.08 1.25 0.00	39.81 1.55 0.00	35.12 1.40 0.00	33.23 1.20 0.00
LI_NEWBRDGE___DRP 323616	27.33 0.48 2.32	25.01 0.33 0.01	26.80 0.23 0.00	26.32 0.33 0.00	25.81 0.24 0.00	26.60 0.51 2.78	30.80 0.56 9.76	43.67 0.58 2.03	26.38 0.46 6.18	26.62 0.91 0.01	27.36 1.49 5.59	25.71 1.57 8.63	31.28 1.36 0.88	30.89 1.40 0.01	26.95 1.34 -0.25	26.10 1.09 -3.59	32.79 1.23 0.00	60.13 1.47 0.00	45.06 0.98 0.00	39.58 0.85 0.00	38.78 0.95 0.00	39.22 0.96 0.00	34.56 0.83 0.00	32.54 0.51 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.16 -0.01 0.00	24.34 -0.34 0.00	26.41 -0.16 0.00	25.85 -0.14 0.00	25.44 -0.13 0.00	28.24 -0.64 0.00	38.31 -1.69 0.00	42.99 -2.13 0.00	31.09 -1.01 0.00	25.00 -0.71 0.00	31.08 -0.37 0.00	32.55 -0.22 0.00	30.37 -0.43 0.00	28.90 -0.60 0.00	24.56 -0.77 0.03	20.15 -0.75 0.52	29.97 -1.59 0.00	54.60 -4.06 0.00	41.42 -2.67 0.00	36.38 -2.34 0.00	34.55 -2.54 0.74	36.20 -2.06 0.00	32.57 -1.16 0.00	32.02 -0.01 0.00
LOCKPORT___CC1 323769	29.14 -0.03 0.00	24.33 -0.36 0.00	26.39 -0.18 0.00	25.83 -0.16 0.00	25.41 -0.17 0.00	28.21 -0.67 0.00	38.25 -1.75 0.00	42.93 -2.20 0.00	31.04 -1.06 0.00	24.97 -0.74 0.00	31.06 -0.39 0.00	32.54 -0.22 0.00	30.37 -0.43 0.00	28.89 -0.61 0.00	24.55 -0.78 0.03	20.14 -0.76 0.52	29.95 -1.61 0.00	54.60 -4.06 0.00	41.40 -2.68 0.00	36.35 -2.37 0.00	34.45 -2.57 0.81	36.16 -2.10 0.00	32.55 -1.18 0.00	31.99 -0.04 0.00
LOCKPORT___CC2 323770	29.14 -0.03 0.00	24.33 -0.36 0.00	26.39 -0.18 0.00	25.83 -0.16 0.00	25.41 -0.17 0.00	28.21 -0.67 0.00	38.25 -1.75 0.00	42.93 -2.20 0.00	31.04 -1.06 0.00	24.97 -0.74 0.00	31.06 -0.39 0.00	32.54 -0.22 0.00	30.37 -0.43 0.00	28.89 -0.61 0.00	24.55 -0.78 0.03	20.14 -0.76 0.52	29.95 -1.61 0.00	54.60 -4.06 0.00	41.40 -2.68 0.00	36.35 -2.37 0.00	34.45 -2.57 0.81	36.16 -2.10 0.00	32.55 -1.18 0.00	31.99 -0.04 0.00
LOCKPORT___CC3 323771	29.14 -0.03 0.00	24.33 -0.36 0.00	26.39 -0.18 0.00	25.83 -0.16 0.00	25.41 -0.17 0.00	28.21 -0.67 0.00	38.25 -1.75 0.00	42.93 -2.20 0.00	31.04 -1.06 0.00	24.97 -0.74 0.00	31.06 -0.39 0.00	32.54 -0.22 0.00	30.37 -0.43 0.00	28.89 -0.61 0.00	24.55 -0.78 0.03	20.14 -0.76 0.52	29.95 -1.61 0.00	54.60 -4.06 0.00	41.40 -2.68 0.00	36.35 -2.37 0.00	34.45 -2.57 0.81	36.16 -2.10 0.00	32.55 -1.18 0.00	31.99 -0.04 0.00
LOCUSVLY_69_KV_BK2 55797	31.91 0.75 -1.99	25.27 0.58 -0.01	27.10 0.53 0.00	26.60 0.61 0.00	26.11 0.53 0.00	32.04 0.78 -2.39	41.91 0.90 -1.01	45.51 1.01 0.62	30.96 0.77 1.92	26.86 1.14 -0.01	38.07 1.82 -4.80	42.09 1.92 -7.40	35.20 1.75 -2.65	31.24 1.73 -0.01	27.71 1.61 -0.74	26.33 1.32 -3.59	33.16 1.60 0.00	60.69 2.03 0.00	45.52 1.44 0.00	39.98 1.26 0.00	39.24 1.40 0.00	39.68 1.42 0.00	34.95 1.22 0.00	32.93 0.91 0.00
LONG_LAKE_PHOENIX 24014	28.53 -0.64 0.00	24.11 -0.57 0.00	25.94 -0.62 0.00	25.39 -0.61 0.00	25.00 -0.58 0.00	28.24 -0.63 0.00	39.17 -0.83 0.00	44.22 -0.90 0.00	31.41 -0.69 0.00	25.07 -0.64 0.00	30.64 -0.81 0.00	31.89 -0.87 0.00	29.98 -0.82 0.00	28.72 -0.78 0.00	24.67 -0.70 0.00	20.85 -0.57 0.00	30.71 -0.85 0.00	57.30 -1.36 0.00	43.17 -0.91 0.00	37.93 -0.80 0.00	37.03 -0.80 0.00	37.46 -0.80 0.00	32.99 -0.73 0.00	31.43 -0.60 0.00
LOVETT___3 23632	29.65 0.47 0.00	25.11 0.42 0.00	27.01 0.44 0.00	26.52 0.53 0.00	26.07 0.49 0.00	29.50 0.63 0.00	40.98 0.98 0.00	46.27 1.15 0.00	32.96 0.86 0.00	26.67 0.96 0.00	32.77 1.32 0.00	34.21 1.44 0.00	32.17 1.37 0.00	30.78 1.29 0.00	26.87 1.21 -0.30	27.07 1.07 -4.57	33.01 1.46 0.00	60.71 2.05 0.00	45.58 1.50 0.00	40.04 1.31 0.00	39.20 1.37 0.00	39.63 1.38 0.00	34.82 1.10 0.00	32.91 0.88 0.00
LOVETT___4 23642	29.65 0.47 0.00	25.11 0.42 0.00	27.01 0.44 0.00	26.52 0.53 0.00	26.07 0.49 0.00	29.50 0.63 0.00	40.98 0.98 0.00	46.27 1.15 0.00	32.96 0.86 0.00	26.67 0.96 0.00	32.77 1.32 0.00	34.21 1.44 0.00	32.17 1.37 0.00	30.78 1.29 0.00	26.87 1.21 -0.30	27.07 1.07 -4.57	33.01 1.46 0.00	60.71 2.05 0.00	45.58 1.50 0.00	40.04 1.31 0.00	39.20 1.37 0.00	39.63 1.38 0.00	34.82 1.10 0.00	32.91 0.88 0.00
LOVETT___5 23593	29.65 0.47 0.00	25.11 0.42 0.00	27.01 0.44 0.00	26.52 0.53 0.00	26.07 0.49 0.00	29.50 0.63 0.00	40.98 0.98 0.00	46.27 1.15 0.00	32.96 0.86 0.00	26.67 0.96 0.00	32.77 1.32 0.00	34.21 1.44 0.00	32.17 1.37 0.00	30.78 1.29 0.00	26.87 1.21 -0.30	27.07 1.07 -4.57	33.01 1.46 0.00	60.71 2.05 0.00	45.58 1.50 0.00	40.04 1.31 0.00	39.20 1.37 0.00	39.63 1.38 0.00	34.82 1.10 0.00	32.91 0.88 0.00
LOWER RAQUET___HYD 24057	30.55 1.38 0.00	25.77 1.08 0.00	27.68 1.11 0.00	27.08 1.09 0.00	26.67 1.09 0.00	30.03 1.16 0.00	41.53 1.53 0.00	46.88 1.77 0.00	33.21 1.11 0.00	26.32 0.61 0.00	31.98 0.53 0.00	33.20 0.44 0.00	31.31 0.51 0.00	29.95 0.46 0.00	25.68 0.32 0.00	21.52 0.09 0.00	31.65 0.09 0.00	59.56 0.90 0.00	45.24 1.15 0.00	39.55 0.82 0.00	38.51 0.68 0.00	39.30 1.04 0.00	34.69 0.97 0.00	32.81 0.78 0.00
LOWER___HUDSON 24059	29.48 0.30 0.00	25.04 0.35 0.00	26.95 0.39 0.00	26.39 0.40 0.00	25.98 0.40 0.00	29.44 0.57 0.00	40.87 0.88 0.00	46.25 1.13 0.00	32.83 0.73 0.00	26.28 0.57 0.00	32.04 0.58 0.00	33.31 0.55 0.00	31.24 0.43 0.00	29.93 0.43 0.00	25.87 0.44 -0.06	22.86 0.45 -0.99	32.34 0.79 0.00	60.18 1.52 0.00	45.06 0.98 0.00	39.65 0.92 0.00	38.86 1.03 0.00	39.14 0.88 0.00	34.54 0.81 0.00	32.68 0.65 0.00
LOWVILLE_115KV_TB2 356335	30.35 1.18 0.00	25.53 0.84 0.00	27.32 0.75 0.00	26.74 0.74 0.00	26.38 0.80 0.00	29.72 0.84 0.00	41.17 1.17 0.00	46.56 1.45 0.00	32.88 0.77 0.00	25.81 0.10 0.00	31.00 -0.46 0.00	31.93 -0.84 0.00	30.28 -0.52 0.00	29.04 -0.46 0.00	24.95 -0.41 0.00	20.95 -0.47 0.00	31.10 -0.45 0.00	59.45 0.79 0.00	45.55 1.47 0.00	39.84 1.11 0.00	38.25 0.42 0.00	38.83 0.57 0.00	33.84 0.12 0.00	31.93 -0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.91 0.74 0.00	25.38 0.69 0.00	27.33 0.76 0.00	26.77 0.78 0.00	26.36 0.79 0.00	29.87 1.00 0.00	41.54 1.54 0.00	46.97 1.85 0.00	33.25 1.15 0.00	26.48 0.77 0.00	32.24 0.79 0.00	33.51 0.75 0.00	31.42 0.61 0.00	30.10 0.60 0.00	26.00 0.58 -0.06	22.90 0.60 -0.88	32.67 1.12 0.00	61.00 2.34 0.00	45.73 1.65 0.00	40.22 1.49 0.00	39.37 1.54 0.00	39.66 1.41 0.00	35.02 1.30 0.00	33.15 1.13 0.00

LUTHERNY_35_KV_BK2 355980	29.93 0.76 0.00	25.39 0.70 0.00	27.35 0.78 0.00	26.78 0.79 0.00	26.38 0.80 0.00	29.90 1.03 0.00	41.58 1.59 0.00	47.01 1.89 0.00	33.29 1.19 0.00	26.49 0.78 0.00	32.26 0.81 0.00	33.53 0.76 0.00	31.42 0.62 0.00	30.11 0.61 0.00	26.01 0.59 -0.06	22.94 0.64 -0.88	32.73 1.17 0.00	61.03 2.37 0.00	45.77 1.68 0.00	40.25 1.52 0.00	39.41 1.58 0.00	39.70 1.44 0.00	35.04 1.32 0.00	33.19 1.16 0.00
LWR___OSWEGATCHIE_HYD 23850	30.45 1.28 0.00	25.65 0.96 0.00	27.49 0.93 0.00	26.90 0.91 0.00	26.51 0.94 0.00	29.87 1.00 0.00	41.35 1.35 0.00	46.73 1.61 0.00	33.02 0.92 0.00	26.03 0.31 0.00	31.41 -0.04 0.00	32.48 -0.29 0.00	30.69 -0.11 0.00	29.39 -0.11 0.00	25.21 -0.15 0.00	21.14 -0.28 0.00	31.24 -0.32 0.00	59.38 0.72 0.00	45.33 1.24 0.00	39.66 0.93 0.00	38.35 0.52 0.00	39.07 0.81 0.00	34.28 0.56 0.00	32.38 0.36 0.00
LYONS_FALL_HYD 23570	30.11 0.94 0.00	25.38 0.69 0.00	27.21 0.64 0.00	26.62 0.63 0.00	26.24 0.66 0.00	29.62 0.74 0.00	41.08 1.08 0.00	46.43 1.31 0.00	32.82 0.72 0.00	25.88 0.17 0.00	31.28 -0.18 0.00	32.36 -0.41 0.00	30.57 -0.23 0.00	29.31 -0.18 0.00	25.20 -0.17 0.00	21.21 -0.21 0.00	31.45 -0.10 0.00	59.65 1.00 0.00	45.40 1.31 0.00	39.76 1.04 0.00	38.42 0.59 0.00	38.92 0.66 0.00	34.05 0.33 0.00	32.19 0.17 0.00
MADISON___COUNTY_LFGE 323628	29.80 0.62 0.00	25.17 0.48 0.00	27.05 0.49 0.00	26.46 0.47 0.00	26.05 0.47 0.00	29.47 0.60 0.00	40.94 0.94 0.00	46.23 1.12 0.00	32.70 0.60 0.00	25.88 0.17 0.00	31.54 0.08 0.00	32.83 0.07 0.00	30.87 0.07 0.00	29.59 0.09 0.00	25.43 0.07 0.00	21.49 0.06 0.00	31.81 0.25 0.00	59.73 1.07 0.00	45.20 1.11 0.00	39.63 0.90 0.00	38.63 0.80 0.00	39.00 0.74 0.00	34.29 0.56 0.00	32.54 0.51 0.00
MALONE___115KV_TB1 356076	30.51 1.34 0.00	25.78 1.09 0.00	27.74 1.18 0.00	27.08 1.09 0.00	26.66 1.08 0.00	30.02 1.15 0.00	41.45 1.45 0.00	46.84 1.73 0.00	33.30 1.20 0.00	26.50 0.79 0.00	32.23 0.78 0.00	33.51 0.75 0.00	31.62 0.82 0.00	30.27 0.77 0.00	25.97 0.61 0.00	21.85 0.42 0.00	32.21 0.66 0.00	60.60 1.94 0.00	45.95 1.87 0.00	40.04 1.32 0.00	38.90 1.06 0.00	39.43 1.17 0.00	34.73 1.01 0.00	32.68 0.65 0.00
MAPLEWOD_115KV_TB3 80458	29.36 0.19 0.00	24.97 0.28 0.00	26.86 0.30 0.00	26.30 0.30 0.00	25.89 0.31 0.00	29.30 0.43 0.00	40.67 0.67 0.00	46.04 0.92 0.00	32.71 0.61 0.00	26.20 0.49 0.00	31.95 0.50 0.00	33.22 0.46 0.00	31.19 0.39 0.00	29.88 0.38 0.00	25.84 0.41 -0.06	22.83 0.41 -1.00	32.22 0.67 0.00	59.92 1.27 0.00	44.89 0.81 0.00	39.48 0.76 0.00	38.72 0.88 0.00	39.03 0.77 0.00	34.40 0.67 0.00	32.54 0.52 0.00
MAPLE_RIDGE_WT_1 323574	29.30 0.13 0.00	24.77 0.08 0.00	26.61 0.04 0.00	25.90 -0.09 0.00	25.49 -0.09 0.00	28.63 -0.24 0.00	39.51 -0.49 0.00	44.50 -0.62 0.00	31.70 -0.40 0.00	25.40 -0.31 0.00	31.07 -0.38 0.00	32.30 -0.46 0.00	30.49 -0.31 0.00	29.29 -0.21 0.00	25.17 -0.19 0.00	21.20 -0.22 0.00	31.21 -0.34 0.00	58.17 -0.49 0.00	43.92 -0.16 0.00	38.19 -0.54 0.00	37.01 -0.82 0.00	37.32 -0.94 0.00	32.82 -0.91 0.00	31.08 -0.95 0.00
MAPLE_RIDGE_WT_2 323611	29.30 0.13 0.00	24.77 0.08 0.00	26.61 0.04 0.00	25.90 -0.09 0.00	25.49 -0.09 0.00	28.63 -0.24 0.00	39.51 -0.49 0.00	44.50 -0.62 0.00	31.70 -0.40 0.00	25.40 -0.31 0.00	31.07 -0.38 0.00	32.30 -0.46 0.00	30.49 -0.31 0.00	29.29 -0.21 0.00	25.17 -0.19 0.00	21.20 -0.22 0.00	31.21 -0.34 0.00	58.17 -0.49 0.00	43.92 -0.16 0.00	38.19 -0.54 0.00	37.01 -0.82 0.00	37.32 -0.94 0.00	32.82 -0.91 0.00	31.08 -0.95 0.00
MARBLE_RIVER_WT_PWR 323696	30.55 1.37 0.00	25.89 1.20 0.00	27.95 1.39 0.00	27.27 1.28 0.00	26.80 1.23 0.00	30.12 1.25 0.00	41.47 1.47 0.00	46.85 1.73 0.00	33.22 1.12 0.00	26.40 0.69 0.00	32.13 0.67 0.00	33.43 0.67 0.00	31.69 0.89 0.00	30.45 0.96 0.00	26.17 0.81 0.00	22.12 0.69 0.00	32.64 1.09 0.00	61.39 2.73 0.00	46.19 2.11 0.00	40.06 1.33 0.00	38.96 1.13 0.00	39.26 1.00 0.00	34.55 0.83 0.00	32.02 -0.01 0.00
MARSHVLE_115KV_TB1 80742	29.50 0.33 0.00	24.90 0.20 0.00	26.79 0.23 0.00	26.19 0.20 0.00	25.76 0.18 0.00	29.11 0.24 0.00	40.47 0.47 0.00	45.61 0.49 0.00	31.98 -0.12 0.00	25.34 -0.37 0.00	31.02 -0.43 0.00	32.38 -0.39 0.00	30.46 -0.34 0.00	29.17 -0.33 0.00	25.11 -0.25 0.00	21.18 -0.24 0.00	31.22 -0.34 0.00	58.62 -0.04 0.00	44.51 0.43 0.00	39.23 0.50 0.00	38.19 0.36 0.00	38.63 0.37 0.00	34.03 0.31 0.00	32.26 0.24 0.00
MARSH_HILL_WT_PWR 323713	28.59 -0.58 0.00	23.70 -0.99 0.00	25.49 -1.07 0.00	24.59 -1.40 0.00	23.94 -1.63 0.00	26.95 -1.92 0.00	37.11 -2.89 0.00	41.50 -3.62 0.00	29.48 -2.62 0.00	23.48 -2.24 0.00	29.10 -2.35 0.00	30.76 -2.01 0.00	29.19 -1.62 0.00	28.00 -1.50 0.00	23.57 -1.75 0.05	19.01 -1.67 0.74	29.31 -2.25 0.00	54.67 -3.98 0.00	41.73 -2.36 0.00	36.24 -2.48 0.00	37.58 -2.89 -2.64	35.29 -2.97 0.00	31.20 -2.52 0.00	30.33 -1.70 0.00
MCINTYRE_115KV_TB2 80467	30.94 1.77 0.00	26.11 1.42 0.00	28.05 1.49 0.00	27.47 1.48 0.00	27.04 1.46 0.00	30.48 1.60 0.00	42.18 2.18 0.00	47.58 2.46 0.00	33.55 1.45 0.00	26.47 0.76 0.00	32.22 0.76 0.00	33.50 0.73 0.00	31.55 0.75 0.00	30.17 0.67 0.00	25.89 0.53 0.00	21.71 0.29 0.00	31.98 0.43 0.00	60.20 1.55 0.00	46.00 1.92 0.00	40.40 1.67 0.00	39.33 1.50 0.00	39.98 1.73 0.00	35.27 1.55 0.00	33.41 1.38 0.00
MECO_____69_KV_BK1 80468	30.06 0.89 0.00	25.40 0.71 0.00	27.33 0.77 0.00	26.73 0.73 0.00	26.31 0.74 0.00	29.80 0.93 0.00	41.48 1.48 0.00	46.83 1.71 0.00	32.62 0.52 0.00	25.55 -0.16 0.00	31.08 -0.37 0.00	32.37 -0.39 0.00	30.44 -0.36 0.00	29.13 -0.37 0.00	25.08 -0.28 0.00	21.21 -0.21 0.00	31.44 -0.11 0.00	59.86 1.20 0.00	45.73 1.64 0.00	40.34 1.61 0.00	39.33 1.50 0.00	39.69 1.43 0.00	34.93 1.21 0.00	33.07 1.05 0.00
MENANDS___115KV_TB5 355628	29.18 0.01 0.00	24.84 0.15 0.00	26.72 0.15 0.00	26.16 0.17 0.00	25.75 0.18 0.00	29.14 0.27 0.00	40.41 0.41 0.00	45.75 0.63 0.00	32.53 0.43 0.00	26.09 0.38 0.00	31.84 0.39 0.00	33.11 0.35 0.00	31.11 0.31 0.00	29.80 0.30 0.00	25.77 0.33 -0.07	22.78 0.35 -1.01	32.10 0.55 0.00	59.59 0.93 0.00	44.61 0.53 0.00	39.23 0.51 0.00	38.48 0.65 0.00	38.79 0.52 0.00	34.20 0.48 0.00	32.36 0.33 0.00
MG INDUSTRY___DRP 24185	29.35 0.18 0.00	24.96 0.27 0.00	26.84 0.28 0.00	26.28 0.29 0.00	25.87 0.29 0.00	29.26 0.38 0.00	40.54 0.54 0.00	45.79 0.67 0.00	32.52 0.42 0.00	25.99 0.28 0.00	31.71 0.25 0.00	33.01 0.25 0.00	31.02 0.22 0.00	29.72 0.22 0.00	25.68 0.24 -0.07	22.71 0.26 -1.03	32.01 0.46 0.00	59.63 0.97 0.00	44.70 0.61 0.00	39.29 0.56 0.00	38.53 0.70 0.00	38.88 0.62 0.00	34.28 0.55 0.00	32.49 0.46 0.00

MID___OSWEGATCHIE_HYD 23849	30.45 1.28 0.00	25.65 0.96 0.00	27.49 0.93 0.00	26.90 0.91 0.00	26.51 0.94 0.00	29.87 1.00 0.00	41.35 1.35 0.00	46.73 1.61 0.00	33.02 0.92 0.00	26.03 0.31 0.00	31.41 -0.04 0.00	32.48 -0.29 0.00	30.69 -0.11 0.00	29.39 -0.11 0.00	25.21 -0.15 0.00	21.14 -0.28 0.00	31.24 -0.32 0.00	59.38 0.72 0.00	45.33 1.24 0.00	39.66 0.93 0.00	38.35 0.52 0.00	39.07 0.81 0.00	34.28 0.56 0.00	32.38 0.36 0.00
MID___RAQUETTE_HYD 23851	30.55 1.38 0.00	25.77 1.08 0.00	27.68 1.11 0.00	27.08 1.09 0.00	26.67 1.09 0.00	30.03 1.16 0.00	41.53 1.53 0.00	46.89 1.76 0.00	33.21 1.11 0.00	26.32 0.61 0.00	31.98 0.53 0.00	33.20 0.44 0.00	31.31 0.51 0.00	29.95 0.45 0.00	25.68 0.31 0.00	21.52 0.09 0.00	31.65 0.09 0.00	59.56 0.90 0.00	45.24 1.15 0.00	39.55 0.82 0.00	38.51 0.68 0.00	39.30 1.04 0.00	34.69 0.97 0.00	32.81 0.78 0.00
MILLIKEN___1 23584	29.56 0.38 0.00	24.92 0.23 0.00	26.84 0.27 0.00	26.24 0.24 0.00	25.77 0.20 0.00	29.14 0.27 0.00	40.51 0.51 0.00	45.68 0.56 0.00	32.33 0.23 0.00	25.64 -0.07 0.00	31.29 -0.16 0.00	32.64 -0.13 0.00	30.59 -0.21 0.00	29.28 -0.22 0.00	25.04 -0.27 0.05	20.54 -0.18 0.70	31.40 -0.15 0.00	58.84 0.18 0.00	44.52 0.44 0.00	39.15 0.43 0.00	38.41 0.38 -0.19	38.59 0.33 0.00	33.97 0.25 0.00	32.38 0.36 0.00
MILLIKEN___2 23585	29.56 0.38 0.00	24.92 0.23 0.00	26.84 0.27 0.00	26.24 0.24 0.00	25.77 0.20 0.00	29.14 0.27 0.00	40.51 0.51 0.00	45.68 0.56 0.00	32.33 0.23 0.00	25.64 -0.07 0.00	31.29 -0.16 0.00	32.64 -0.13 0.00	30.59 -0.21 0.00	29.28 -0.22 0.00	25.04 -0.27 0.05	20.54 -0.18 0.70	31.40 -0.15 0.00	58.84 0.18 0.00	44.52 0.44 0.00	39.15 0.43 0.00	38.41 0.38 -0.19	38.59 0.33 0.00	33.97 0.25 0.00	32.38 0.36 0.00
MILLIKEN___DIESEL 23629	29.56 0.38 0.00	24.92 0.23 0.00	26.84 0.27 0.00	26.24 0.24 0.00	25.77 0.20 0.00	29.14 0.27 0.00	40.51 0.51 0.00	45.68 0.56 0.00	32.33 0.23 0.00	25.64 -0.07 0.00	31.29 -0.16 0.00	32.64 -0.13 0.00	30.59 -0.21 0.00	29.28 -0.22 0.00	25.04 -0.27 0.05	20.54 -0.18 0.70	31.40 -0.15 0.00	58.84 0.18 0.00	44.52 0.44 0.00	39.15 0.43 0.00	38.41 0.38 -0.19	38.59 0.33 0.00	33.97 0.25 0.00	32.38 0.36 0.00
MILLSEAT___LFGE 323607	29.63 0.45 0.00	24.74 0.05 0.00	26.81 0.24 0.00	26.26 0.27 0.00	25.85 0.27 0.00	28.79 -0.08 0.00	39.26 -0.74 0.00	44.16 -0.96 0.00	31.80 -0.30 0.00	25.39 -0.32 0.00	31.39 -0.07 0.00	32.80 0.04 0.00	30.60 -0.20 0.00	29.14 -0.36 0.00	24.77 -0.56 0.03	20.36 -0.56 0.50	30.40 -1.15 0.00	55.90 -2.76 0.00	42.57 -1.52 0.00	37.42 -1.31 0.00	35.69 -1.52 0.61	37.11 -1.15 0.00	33.26 -0.46 0.00	32.50 0.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.72 0.54 0.00	25.17 0.49 0.00	27.07 0.50 0.00	26.58 0.58 0.00	26.13 0.55 0.00	29.58 0.71 0.00	41.07 1.08 0.00	46.40 1.28 0.00	33.06 0.95 0.00	26.77 1.06 0.00	32.89 1.43 0.00	34.31 1.54 0.00	32.26 1.46 0.00	30.88 1.38 0.00	26.89 1.28 -0.25	26.36 1.14 -3.80	33.11 1.55 0.00	60.85 2.19 0.00	45.64 1.55 0.00	40.10 1.37 0.00	39.26 1.42 0.00	39.71 1.45 0.00	34.90 1.18 0.00	32.98 0.95 0.00
MILLWOOD_13_KV_LOAD 356217	29.77 0.60 0.00	25.22 0.53 0.00	27.12 0.56 0.00	26.63 0.64 0.00	26.18 0.60 0.00	29.64 0.77 0.00	41.18 1.18 0.00	46.50 1.38 0.00	33.13 1.03 0.00	26.82 1.11 0.00	32.94 1.49 0.00	34.36 1.60 0.00	32.31 1.51 0.00	30.93 1.44 0.00	26.94 1.33 -0.25	26.41 1.18 -3.80	33.17 1.62 0.00	61.01 2.35 0.00	45.75 1.66 0.00	40.19 1.46 0.00	39.36 1.52 0.00	39.79 1.53 0.00	34.98 1.26 0.00	33.05 1.03 0.00
MODEL_CITY_ENERGY 24167	28.95 -0.22 0.00	24.18 -0.51 0.00	26.23 -0.33 0.00	25.68 -0.31 0.00	25.27 -0.31 0.00	28.02 -0.85 0.00	37.98 -2.01 0.00	42.60 -2.52 0.00	30.83 -1.27 0.00	24.83 -0.89 0.00	30.90 -0.56 0.00	32.34 -0.42 0.00	30.18 -0.62 0.00	28.72 -0.78 0.00	24.41 -0.93 0.04	20.02 -0.87 0.53	29.75 -1.81 0.00	54.06 -4.59 0.00	40.97 -3.12 0.00	36.00 -2.73 0.00	34.17 -2.90 0.77	35.85 -2.41 0.00	32.29 -1.43 0.00	31.81 -0.22 0.00
MODERN_LFGE___ 323580	28.95 -0.22 0.00	24.18 -0.51 0.00	26.23 -0.33 0.00	25.68 -0.31 0.00	25.27 -0.31 0.00	28.02 -0.85 0.00	37.98 -2.01 0.00	42.60 -2.52 0.00	30.83 -1.27 0.00	24.83 -0.89 0.00	30.90 -0.56 0.00	32.34 -0.42 0.00	30.18 -0.62 0.00	28.72 -0.78 0.00	24.41 -0.93 0.04	20.02 -0.87 0.53	29.75 -1.81 0.00	54.06 -4.59 0.00	40.97 -3.12 0.00	36.00 -2.73 0.00	34.17 -2.90 0.77	35.85 -2.41 0.00	32.29 -1.43 0.00	31.81 -0.22 0.00
MOHAWK_PAPER___DRP 24187	29.36 0.19 0.00	24.97 0.28 0.00	26.86 0.30 0.00	26.30 0.30 0.00	25.89 0.31 0.00	29.30 0.43 0.00	40.67 0.67 0.00	46.04 0.92 0.00	32.71 0.61 0.00	26.20 0.49 0.00	31.95 0.50 0.00	33.22 0.46 0.00	31.19 0.39 0.00	29.88 0.38 0.00	25.84 0.41 -0.06	22.83 0.41 -1.00	32.22 0.67 0.00	59.92 1.27 0.00	44.89 0.81 0.00	39.48 0.76 0.00	38.72 0.88 0.00	39.03 0.77 0.00	34.40 0.67 0.00	32.54 0.52 0.00
MOHICAN___35_KV_115KV_LD 80490	30.03 0.86 0.00	25.48 0.79 0.00	27.49 0.93 0.00	26.94 0.95 0.00	26.55 0.97 0.00	30.11 1.24 0.00	41.98 1.98 0.00	47.58 2.46 0.00	33.56 1.46 0.00	26.59 0.88 0.00	32.31 0.85 0.00	33.54 0.78 0.00	31.37 0.57 0.00	30.05 0.55 0.00	25.97 0.55 -0.06	22.90 0.60 -0.87	32.81 1.25 0.00	61.42 2.77 0.00	45.99 1.91 0.00	40.53 1.80 0.00	39.62 1.79 0.00	39.87 1.62 0.00	35.33 1.61 0.00	33.38 1.36 0.00
MONGAUP___HYD 23641	29.87 0.70 0.00	25.29 0.60 0.00	27.20 0.64 0.00	26.68 0.69 0.00	26.24 0.67 0.00	29.73 0.86 0.00	41.37 1.37 0.00	46.76 1.64 0.00	33.15 1.05 0.00	26.47 0.75 0.00	32.35 0.90 0.00	33.74 0.98 0.00	31.72 0.92 0.00	30.35 0.86 0.00	25.20 0.82 0.99	7.07 0.75 15.10	32.69 1.13 0.00	60.73 2.07 0.00	45.94 1.85 0.00	40.53 1.80 0.00	39.65 1.82 0.00	40.06 1.80 0.00	35.17 1.45 0.00	33.25 1.22 0.00
MONTAUK___DIESEL 23721	28.40 0.69 1.46	25.17 0.49 0.00	26.89 0.33 0.00	26.50 0.51 0.00	26.16 0.58 0.00	28.02 0.90 1.75	33.31 1.15 7.84	44.75 1.45 1.82	27.58 1.03 5.56	27.04 1.33 0.00	29.58 1.90 3.78	29.34 2.01 5.44	32.59 2.01 0.22	31.52 2.03 0.00	27.50 1.80 -0.34	26.74 1.72 -3.59	33.64 2.08 0.00	61.79 3.14 0.00	46.17 2.09 0.00	40.49 1.76 0.00	39.43 1.60 0.00	39.58 1.32 0.00	34.68 0.96 0.00	32.45 0.42 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.81 -0.36 0.00	23.86 -0.83 0.00	25.94 -0.62 0.00	25.23 -0.77 0.00	24.64 -0.94 0.00	27.57 -1.30 0.00	37.57 -2.42 0.00	42.09 -3.03 0.00	30.58 -1.52 0.00	24.63 -1.08 0.00	31.12 -0.34 0.00	33.13 0.36 0.00	30.74 -0.06 0.00	29.16 -0.33 0.00	24.61 -0.71 0.04	20.21 -0.62 0.59	30.05 -1.50 0.00	55.27 -3.38 0.00	42.37 -1.71 0.00	36.45 -2.28 0.00	34.08 -3.12 0.64	35.24 -3.02 0.00	31.36 -2.37 0.00	30.81 -1.22 0.00

MORRIS_RIDGE___SOLAR 323848	28.80 -0.37 0.00	23.99 -0.70 0.00	25.89 -0.67 0.00	25.15 -0.85 0.00	24.64 -0.94 0.00	27.60 -1.28 0.00	37.88 -2.12 0.00	42.54 -2.58 0.00	30.28 -1.82 0.00	24.04 -1.66 0.00	29.86 -1.59 0.00	31.48 -1.28 0.00	29.62 -1.18 0.00	28.26 -1.24 0.00	23.94 -1.38 0.05	19.44 -1.28 0.70	29.60 -1.95 0.00	55.13 -3.52 0.00	42.01 -2.07 0.00	36.61 -2.12 0.00	30.85 -2.48 4.50	35.89 -2.37 0.00	31.89 -1.84 0.00	31.03 -0.99 0.00
MORTIMER_115KV_TB3 55949	29.36 0.18 0.00	24.60 -0.09 0.00	26.60 0.04 0.00	26.05 0.06 0.00	25.66 0.08 0.00	28.75 -0.12 0.00	39.49 -0.51 0.00	44.52 -0.60 0.00	31.86 -0.24 0.00	25.48 -0.23 0.00	31.42 -0.04 0.00	32.83 0.07 0.00	30.68 -0.12 0.00	29.23 -0.27 0.00	24.99 -0.37 0.00	21.06 -0.36 0.00	30.93 -0.62 0.00	57.34 -1.32 0.00	43.32 -0.76 0.00	38.05 -0.68 0.00	37.01 -0.82 0.00	37.60 -0.66 0.00	33.39 -0.33 0.00	32.14 0.12 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.90 0.73 0.00	25.33 0.64 0.00	27.22 0.66 0.00	26.74 0.74 0.00	26.28 0.70 0.00	29.73 0.86 0.00	41.25 1.25 0.00	46.58 1.47 0.00	33.22 1.11 0.00	26.98 1.26 0.00	33.17 1.72 0.00	34.60 1.84 0.00	32.56 1.76 0.00	31.17 1.67 0.00	27.14 1.54 -0.23	26.37 1.36 -3.59	33.39 1.83 0.00	61.19 2.53 0.00	45.83 1.75 0.00	40.26 1.53 0.00	39.43 1.59 0.00	39.93 1.67 0.00	35.12 1.40 0.00	33.17 1.14 0.00
MUNSVILLE_WIND_PWR 323609	31.70 2.52 0.00	26.66 1.97 0.00	28.26 1.70 0.00	27.35 1.35 0.00	26.69 1.11 0.00	30.16 1.28 0.00	42.26 2.26 0.00	47.53 2.41 0.00	33.28 1.17 0.00	26.23 0.52 0.00	32.29 0.84 0.00	33.49 0.73 0.00	31.40 0.60 0.00	29.92 0.42 0.00	25.46 0.17 0.07	20.44 0.10 1.08	32.00 0.44 0.00	60.35 1.70 0.00	46.09 2.01 0.00	40.54 1.81 0.00	39.39 1.42 -0.14	39.41 1.15 0.00	34.68 0.95 0.00	33.08 1.06 0.00
N SALMON___HYD 24042	30.52 1.34 0.00	25.78 1.09 0.00	27.74 1.18 0.00	27.08 1.09 0.00	26.66 1.08 0.00	30.02 1.15 0.00	41.45 1.45 0.00	46.84 1.73 0.00	33.30 1.20 0.00	26.50 0.79 0.00	32.23 0.78 0.00	33.51 0.75 0.00	31.62 0.82 0.00	30.27 0.77 0.00	25.97 0.61 0.00	21.85 0.42 0.00	32.21 0.66 0.00	60.60 1.94 0.00	45.95 1.87 0.00	40.04 1.31 0.00	38.90 1.06 0.00	39.43 1.17 0.00	34.73 1.01 0.00	32.68 0.65 0.00
N.AKRON__115KV_KNAPP 355671	29.52 0.35 0.00	24.65 -0.04 0.00	26.72 0.15 0.00	26.16 0.17 0.00	25.75 0.17 0.00	28.64 -0.23 0.00	38.98 -1.02 0.00	43.82 -1.29 0.00	31.62 -0.48 0.00	25.31 -0.40 0.00	31.34 -0.11 0.00	32.77 0.01 0.00	30.58 -0.22 0.00	29.12 -0.38 0.00	24.75 -0.59 0.03	20.32 -0.60 0.51	30.30 -1.25 0.00	55.53 -3.13 0.00	42.22 -1.86 0.00	37.12 -1.61 0.00	35.34 -1.83 0.66	36.85 -1.41 0.00	33.07 -0.65 0.00	32.40 0.37 0.00
N.E_GEN_SANDY PD 24062	29.01 0.22 0.38	24.98 0.29 0.00	26.90 0.33 0.00	26.35 0.36 0.00	25.94 0.36 0.00	29.38 0.51 0.00	44.70 0.80 -3.91	46.17 1.05 0.00	32.85 0.74 0.00	26.84 0.72 -0.40	32.30 0.84 0.00	33.60 0.84 0.00	31.51 0.71 0.00	30.18 0.68 0.00	26.17 0.69 -0.12	23.83 0.63 -1.77	32.41 0.94 0.08	60.59 1.55 -0.39	45.04 0.96 0.00	39.63 0.90 0.00	39.09 1.06 -0.20	39.15 0.93 0.04	34.55 0.82 0.00	33.38 0.63 -0.72
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.68 0.51 0.00	25.13 0.44 0.00	27.04 0.48 0.00	26.56 0.57 0.00	26.11 0.53 0.00	29.57 0.70 0.00	41.10 1.10 0.00	46.41 1.29 0.00	33.06 0.95 0.00	26.73 1.02 0.00	32.84 1.39 0.00	34.29 1.52 0.00	32.25 1.45 0.00	30.86 1.36 0.00	26.94 1.27 -0.31	27.34 1.14 -4.78	33.12 1.57 0.00	60.91 2.26 0.00	45.69 1.60 0.00	40.13 1.40 0.00	39.28 1.45 0.00	39.71 1.45 0.00	34.87 1.15 0.00	32.96 0.94 0.00
N.QUEENS_27_KV_LOAD 356247	29.81 0.64 0.00	25.28 0.59 0.00	27.14 0.58 0.00	26.70 0.70 0.00	26.22 0.64 0.00	29.65 0.78 0.00	41.17 1.18 0.01	46.50 1.39 0.00	33.24 1.15 0.01	27.00 1.29 0.00	33.08 1.63 0.00	34.49 1.72 0.00	32.48 1.69 0.00	31.11 1.61 0.00	27.13 1.53 -0.23	26.36 1.34 -3.60	33.27 1.71 0.00	60.90 2.25 0.00	45.65 1.57 0.00	40.12 1.40 0.01	39.34 1.51 0.00	39.91 1.65 0.00	35.06 1.34 0.00	33.02 1.03 0.03
N.TROY___115KV_TB1 355778	29.47 0.30 0.00	25.04 0.35 0.00	26.95 0.39 0.00	26.39 0.40 0.00	25.98 0.41 0.00	29.44 0.57 0.00	40.88 0.88 0.00	46.25 1.13 0.00	32.83 0.74 0.00	26.28 0.57 0.00	32.04 0.58 0.00	33.32 0.55 0.00	31.24 0.44 0.00	29.93 0.43 0.00	25.87 0.44 -0.06	22.86 0.45 -0.99	32.35 0.79 0.00	60.18 1.52 0.00	45.06 0.98 0.00	39.65 0.92 0.00	38.86 1.03 0.00	39.14 0.88 0.00	34.54 0.81 0.00	32.68 0.65 0.00
NARROWS_GT1_1 24228	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT1_2 24229	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT1_3 24230	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT1_4 24231	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT1_5 24232	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00

NARROWS_GT1_6 24233	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT1_7 24234	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT1_8 24235	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_1 24236	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_2 24237	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_3 24238	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_4 24239	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_5 24240	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_6 24241	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_7 24242	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NARROWS_GT2_8 24243	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.67 0.49 0.00	25.24 0.55 0.00	27.14 0.57 0.00	26.57 0.57 0.00	26.16 0.59 0.00	29.64 0.77 0.00	41.19 1.20 0.00	46.73 1.61 0.00	33.13 1.03 0.00	26.29 0.58 0.00	31.86 0.41 0.00	33.07 0.30 0.00	31.05 0.25 0.00	29.73 0.23 0.00	25.71 0.27 -0.08	22.94 0.30 -1.22	32.15 0.59 0.00	60.25 1.60 0.00	45.44 1.36 0.00	40.00 1.27 0.00	39.20 1.37 0.00	39.47 1.21 0.00	34.78 1.05 0.00	32.90 0.87 0.00
NCHELSEA_115KV_TR2 355582	29.94 0.76 0.00	25.36 0.67 0.00	27.27 0.71 0.00	26.76 0.77 0.00	26.32 0.74 0.00	29.82 0.95 0.00	41.45 1.46 0.00	46.86 1.74 0.00	33.36 1.26 0.00	26.93 1.22 0.00	33.02 1.57 0.00	34.41 1.65 0.00	32.32 1.52 0.00	30.93 1.43 0.00	26.91 1.32 -0.22	25.94 1.20 -3.32	33.26 1.71 0.00	61.35 2.69 0.00	46.04 1.96 0.00	40.48 1.75 0.00	39.62 1.79 0.00	40.03 1.77 0.00	35.19 1.46 0.00	33.25 1.22 0.00
NEG CAPITAL____MECHNVIL 23645	29.93 0.76 0.00	25.39 0.70 0.00	27.35 0.78 0.00	26.79 0.80 0.00	26.38 0.80 0.00	29.88 1.01 0.00	41.58 1.58 0.00	47.01 1.89 0.00	33.30 1.20 0.00	26.54 0.83 0.00	32.32 0.87 0.00	33.59 0.83 0.00	31.49 0.69 0.00	30.16 0.66 0.00	26.06 0.64 -0.06	22.98 0.65 -0.91	32.74 1.18 0.00	61.12 2.47 0.00	45.82 1.73 0.00	40.29 1.57 0.00	39.45 1.61 0.00	39.73 1.46 0.00	35.06 1.33 0.00	33.18 1.15 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.82 -0.35 0.00	24.17 -0.52 0.00	26.12 -0.45 0.00	25.59 -0.41 0.00	25.20 -0.37 0.00	28.30 -0.57 0.00	38.95 -1.05 0.00	43.91 -1.21 0.00	31.36 -0.73 0.00	25.04 -0.67 0.00	30.81 -0.65 0.00	32.18 -0.59 0.00	30.08 -0.72 0.00	28.65 -0.85 0.00	24.52 -0.84 0.00	20.69 -0.73 0.00	30.45 -1.11 0.00	56.63 -2.03 0.00	42.73 -1.36 0.00	37.55 -1.18 0.00	36.56 -1.27 0.00	37.12 -1.15 0.00	32.88 -0.85 0.00	31.53 -0.49 0.00

NEG CENTRAL___DRP 24199	29.26 0.09 0.00	24.62 -0.07 0.00	26.56 0.00 0.00	25.97 -0.02 0.00	25.55 -0.03 0.00	28.83 -0.04 0.00	39.92 -0.08 0.00	44.94 -0.18 0.00	31.93 -0.18 0.00	25.38 -0.33 0.00	31.07 -0.38 0.00	32.46 -0.31 0.00	30.40 -0.40 0.00	29.07 -0.43 0.00	24.87 -0.49 0.00	21.00 -0.42 0.00	30.98 -0.57 0.00	57.88 -0.78 0.00	43.75 -0.33 0.00	38.43 -0.30 0.00	37.73 -0.35 -0.25	37.96 -0.30 0.00	33.48 -0.25 0.00	32.03 0.01 0.00
NEG CENTRAL___INDECK 23768	30.03 0.86 0.00	25.06 0.37 0.00	27.05 0.49 0.00	26.38 0.38 0.00	25.94 0.36 0.00	29.13 0.26 0.00	40.25 0.25 0.00	45.30 0.18 0.00	32.17 0.07 0.00	25.28 -0.43 0.00	31.23 -0.22 0.00	32.74 -0.03 0.00	30.70 -0.09 0.00	29.24 -0.25 0.00	24.85 -0.47 0.04	20.34 -0.48 0.60	30.86 -0.70 0.00	57.73 -0.92 0.00	44.19 0.11 0.00	38.85 0.12 0.00	40.31 -0.24 -2.72	38.12 -0.14 0.00	33.77 0.05 0.00	32.58 0.55 0.00
NEG CENTRAL___SENECA 23627	29.39 0.22 0.00	24.67 -0.02 0.00	26.64 0.08 0.00	26.02 0.02 0.00	25.60 0.03 0.00	28.88 0.01 0.00	39.90 -0.10 0.00	44.87 -0.25 0.00	31.91 -0.19 0.00	25.35 -0.36 0.00	31.10 -0.35 0.00	32.52 -0.25 0.00	30.44 -0.36 0.00	29.07 -0.43 0.00	24.80 -0.53 0.03	20.46 -0.47 0.50	30.89 -0.66 0.00	57.68 -0.97 0.00	43.71 -0.37 0.00	38.34 -0.39 0.00	37.77 -0.46 -0.39	37.91 -0.36 0.00	33.45 -0.28 0.00	32.07 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	29.20 0.03 0.00	24.62 -0.07 0.00	26.59 0.03 0.00	26.05 0.06 0.00	25.55 -0.03 0.00	28.85 -0.02 0.00	40.16 0.16 0.00	45.28 0.15 0.00	32.11 0.01 0.00	25.54 -0.17 0.00	31.12 -0.33 0.00	32.52 -0.25 0.00	30.44 -0.37 0.00	29.21 -0.29 0.00	24.97 -0.39 0.00	21.16 -0.26 0.00	31.26 -0.29 0.00	58.50 -0.15 0.00	44.00 -0.08 0.00	38.75 0.02 0.00	37.83 0.00 0.00	38.23 -0.04 0.00	33.71 -0.02 0.00	32.16 0.13 0.00
NEG MILLWOOD___DRP 24198	30.02 0.84 0.00	25.42 0.73 0.00	27.33 0.76 0.00	26.83 0.83 0.00	26.39 0.81 0.00	29.90 1.03 0.00	41.56 1.56 0.00	47.01 1.89 0.00	33.47 1.37 0.00	27.05 1.33 0.00	33.17 1.72 0.00	34.56 1.80 0.00	32.47 1.67 0.00	31.07 1.57 0.00	27.01 1.44 -0.21	25.87 1.28 -3.16	33.37 1.81 0.00	61.51 2.85 0.00	46.12 2.03 0.00	40.53 1.80 0.00	39.67 1.84 0.00	40.10 1.84 0.00	35.24 1.52 0.00	33.29 1.27 0.00
NEG NORTH_FLCN_SEA 23793	30.57 1.40 0.00	25.91 1.22 0.00	27.97 1.40 0.00	27.31 1.32 0.00	26.85 1.27 0.00	30.20 1.33 0.00	41.64 1.64 0.00	47.03 1.91 0.00	33.35 1.25 0.00	26.52 0.81 0.00	32.34 0.88 0.00	33.64 0.87 0.00	31.79 0.99 0.00	30.51 1.02 0.00	26.22 0.86 0.00	22.16 0.74 0.00	32.73 1.17 0.00	61.51 2.85 0.00	46.31 2.23 0.00	40.19 1.47 0.00	39.07 1.23 0.00	39.43 1.17 0.00	34.75 1.03 0.00	32.42 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	30.10 0.93 0.00	25.46 0.77 0.00	27.43 0.86 0.00	26.76 0.76 0.00	26.33 0.75 0.00	29.62 0.75 0.00	40.81 0.81 0.00	46.07 0.95 0.00	32.74 0.64 0.00	26.14 0.43 0.00	31.87 0.42 0.00	33.20 0.43 0.00	31.35 0.55 0.00	30.04 0.54 0.00	25.80 0.43 0.00	21.74 0.31 0.00	32.04 0.49 0.00	60.08 1.42 0.00	45.50 1.41 0.00	39.57 0.85 0.00	38.44 0.60 0.00	38.89 0.63 0.00	34.26 0.53 0.00	32.17 0.14 0.00
NEG NORTH___ALICE_FALLS 23915	30.58 1.41 0.00	25.89 1.20 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.82 1.24 0.00	30.18 1.31 0.00	41.66 1.66 0.00	47.06 1.94 0.00	33.36 1.26 0.00	26.50 0.78 0.00	32.29 0.83 0.00	33.58 0.81 0.00	31.73 0.93 0.00	30.43 0.94 0.00	26.15 0.78 0.00	22.08 0.65 0.00	32.60 1.05 0.00	61.36 2.71 0.00	46.35 2.27 0.00	40.28 1.55 0.00	39.14 1.31 0.00	39.51 1.25 0.00	34.81 1.09 0.00	32.53 0.50 0.00
NEG NORTH___LWR_SARANAC 23913	30.58 1.41 0.00	25.89 1.20 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.82 1.24 0.00	30.18 1.31 0.00	41.66 1.66 0.00	47.06 1.94 0.00	33.36 1.26 0.00	26.50 0.78 0.00	32.29 0.83 0.00	33.58 0.81 0.00	31.73 0.93 0.00	30.43 0.94 0.00	26.15 0.78 0.00	22.08 0.65 0.00	32.60 1.05 0.00	61.36 2.71 0.00	46.35 2.27 0.00	40.28 1.55 0.00	39.14 1.31 0.00	39.51 1.25 0.00	34.81 1.09 0.00	32.53 0.50 0.00
NEG NORTH___PLATTSBURG 23628	30.58 1.41 0.00	25.89 1.20 0.00	27.93 1.36 0.00	27.27 1.28 0.00	26.82 1.24 0.00	30.18 1.31 0.00	41.66 1.66 0.00	47.06 1.94 0.00	33.36 1.26 0.00	26.50 0.78 0.00	32.29 0.83 0.00	33.58 0.81 0.00	31.73 0.93 0.00	30.43 0.94 0.00	26.15 0.78 0.00	22.08 0.65 0.00	32.60 1.05 0.00	61.36 2.70 0.00	46.35 2.27 0.00	40.27 1.55 0.00	39.13 1.30 0.00	39.51 1.25 0.00	34.81 1.08 0.00	32.53 0.50 0.00
NEG WEST_LEA_LOCKPORT 23791	29.14 -0.04 0.00	24.32 -0.37 0.00	26.38 -0.18 0.00	25.83 -0.17 0.00	25.41 -0.17 0.00	28.21 -0.67 0.00	38.25 -1.75 0.00	42.93 -2.19 0.00	31.04 -1.06 0.00	24.98 -0.73 0.00	31.06 -0.39 0.00	32.54 -0.23 0.00	30.37 -0.43 0.00	28.89 -0.61 0.00	24.55 -0.78 0.03	20.13 -0.77 0.52	29.95 -1.61 0.00	54.59 -4.06 0.00	41.40 -2.68 0.00	36.35 -2.38 0.00	34.45 -2.57 0.81	36.16 -2.10 0.00	32.55 -1.17 0.00	31.99 -0.04 0.00
NEG WEST___LANCASTR 23811	28.98 -0.20 0.00	24.21 -0.47 0.00	26.31 -0.26 0.00	25.72 -0.28 0.00	25.29 -0.29 0.00	28.18 -0.69 0.00	38.39 -1.61 0.00	43.12 -2.00 0.00	31.01 -1.09 0.00	24.94 -0.77 0.00	31.08 -0.37 0.00	32.66 -0.11 0.00	30.49 -0.31 0.00	29.02 -0.48 0.00	24.63 -0.70 0.04	20.13 -0.70 0.60	30.08 -1.48 0.00	55.14 -3.52 0.00	41.82 -2.26 0.00	36.61 -2.11 0.00	34.76 -2.30 0.78	36.29 -1.97 0.00	32.46 -1.27 0.00	31.69 -0.33 0.00
NEG_PENN_ALLEGHNY 23528	29.26 0.08 0.00	24.66 -0.03 0.00	26.61 0.05 0.00	26.01 0.02 0.00	25.58 0.00 0.00	28.88 0.01 0.00	40.01 0.01 0.00	45.03 -0.09 0.00	32.01 -0.10 0.00	25.56 -0.15 0.00	31.47 0.01 0.00	32.94 0.17 0.00	30.87 0.07 0.00	29.48 -0.01 0.00	25.19 -0.10 0.07	20.21 -0.09 1.12	31.41 -0.15 0.00	58.44 -0.22 0.00	44.04 -0.05 0.00	38.61 -0.12 0.00	37.72 -0.11 0.00	38.14 -0.12 0.00	33.56 -0.16 0.00	32.09 0.06 0.00
NEG___GEN_MONROE 24207	29.66 0.49 0.00	24.83 0.14 0.00	26.98 0.41 0.00	26.40 0.41 0.00	25.97 0.39 0.00	29.09 0.22 0.00	39.81 -0.19 0.00	44.80 -0.32 0.00	32.07 -0.04 0.00	25.59 -0.13 0.00	31.51 0.06 0.00	32.94 0.17 0.00	30.77 -0.03 0.00	29.31 -0.19 0.00	25.03 -0.33 0.00	21.08 -0.34 0.00	30.94 -0.62 0.00	57.39 -1.27 0.00	43.47 -0.61 0.00	38.20 -0.53 0.00	37.01 -0.70 0.12	37.76 -0.50 0.00	33.56 -0.16 0.00	32.41 0.38 0.00
NEPA___ENERGY 23901	28.84 -0.34 0.00	24.03 -0.66 0.00	26.19 -0.37 0.00	25.54 -0.45 0.00	25.08 -0.50 0.00	28.06 -0.81 0.00	38.45 -1.55 0.00	43.04 -2.08 0.00	30.97 -1.13 0.00	24.64 -1.07 0.00	30.90 -0.56 0.00	32.75 -0.02 0.00	30.49 -0.30 0.00	28.99 -0.51 0.00	24.56 -0.77 0.04	20.12 -0.70 0.60	30.07 -1.48 0.00	55.24 -3.42 0.00	42.05 -2.04 0.00	36.62 -2.10 0.00	34.78 -2.32 0.73	36.10 -2.16 0.00	32.00 -1.72 0.00	31.32 -0.70 0.00

NEVERSINK___HYD 23608	29.38 0.20 0.00	24.88 0.19 0.00	26.76 0.19 0.00	26.25 0.26 0.00	25.81 0.23 0.00	29.26 0.39 0.00	40.73 0.73 0.00	46.03 0.91 0.00	32.78 0.68 0.00	26.37 0.66 0.00	32.27 0.81 0.00	33.61 0.84 0.00	31.56 0.76 0.00	30.19 0.69 0.00	25.98 0.67 0.05	21.32 0.71 0.81	32.66 1.10 0.00	60.53 1.87 0.00	45.56 1.48 0.00	40.09 1.36 0.00	39.20 1.36 0.00	39.60 1.34 0.00	34.78 1.06 0.00	32.87 0.85 0.00
NEWKRMKL_115KV_TB1 55635	29.06 -0.11 0.00	24.75 0.06 0.00	26.61 0.05 0.00	26.06 0.06 0.00	25.65 0.08 0.00	29.01 0.14 0.00	40.24 0.24 0.00	45.55 0.43 0.00	32.39 0.29 0.00	25.97 0.26 0.00	31.68 0.23 0.00	32.97 0.20 0.00	30.97 0.17 0.00	29.68 0.18 0.00	25.66 0.23 -0.06	22.68 0.27 -0.98	31.98 0.43 0.00	59.35 0.69 0.00	44.42 0.34 0.00	39.06 0.33 0.00	38.31 0.47 0.00	38.61 0.36 0.00	34.05 0.33 0.00	32.23 0.21 0.00
NEWTON___FALLS_HYD 23847	30.45 1.28 0.00	25.65 0.96 0.00	27.49 0.93 0.00	26.90 0.91 0.00	26.51 0.94 0.00	29.87 1.00 0.00	41.35 1.35 0.00	46.73 1.61 0.00	33.02 0.92 0.00	26.03 0.31 0.00	31.41 -0.04 0.00	32.48 -0.29 0.00	30.69 -0.11 0.00	29.39 -0.11 0.00	25.21 -0.15 0.00	21.14 -0.28 0.00	31.24 -0.32 0.00	59.38 0.72 0.00	45.33 1.24 0.00	39.66 0.93 0.00	38.35 0.52 0.00	39.07 0.81 0.00	34.28 0.56 0.00	32.38 0.36 0.00
NGRID_A1_DSASP 323792	28.93 -0.25 0.00	24.14 -0.55 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.28 -2.84 0.00	30.61 -1.49 0.00	24.72 -0.99 0.00	30.83 -0.62 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.44 -0.89 0.04	20.05 -0.85 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.27 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.37 -1.35 0.00	31.83 -0.20 0.00
NGRID_A2_DSASP 323793	28.93 -0.25 0.00	24.14 -0.55 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.28 -2.84 0.00	30.61 -1.49 0.00	24.72 -0.99 0.00	30.83 -0.62 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.44 -0.89 0.04	20.05 -0.85 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.27 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.37 -1.35 0.00	31.83 -0.20 0.00
NGRID_A4_DSASP 323807	28.93 -0.25 0.00	24.14 -0.55 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.28 -2.84 0.00	30.61 -1.49 0.00	24.72 -0.99 0.00	30.83 -0.62 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.44 -0.89 0.04	20.05 -0.85 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.27 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.37 -1.35 0.00	31.83 -0.20 0.00
NIAGARA_115E_LBMP 323715	28.84 -0.34 0.00	24.08 -0.61 0.00	26.13 -0.43 0.00	25.59 -0.41 0.00	25.17 -0.41 0.00	27.91 -0.96 0.00	37.80 -2.20 0.00	42.38 -2.74 0.00	30.69 -1.42 0.00	24.73 -0.98 0.00	30.80 -0.65 0.00	32.22 -0.54 0.00	30.08 -0.72 0.00	28.62 -0.88 0.00	24.33 -1.00 0.04	19.95 -0.94 0.53	29.63 -1.93 0.00	53.76 -4.90 0.00	40.70 -3.38 0.00	35.77 -2.95 0.00	33.94 -3.11 0.78	35.66 -2.60 0.00	32.13 -1.60 0.00	31.69 -0.33 0.00
NIAGARA_115W_LBMP 323714	28.89 -0.28 0.00	24.11 -0.58 0.00	26.16 -0.40 0.00	25.61 -0.38 0.00	25.21 -0.36 0.00	27.87 -1.01 0.00	37.63 -2.37 0.00	42.19 -2.93 0.00	30.55 -1.55 0.00	24.68 -1.03 0.00	30.77 -0.68 0.00	32.40 -0.36 0.00	30.22 -0.58 0.00	28.74 -0.76 0.00	24.40 -0.93 0.04	20.01 -0.88 0.53	29.74 -1.81 0.00	53.94 -4.71 0.00	40.74 -3.35 0.00	35.78 -2.94 0.00	33.98 -3.07 0.78	35.66 -2.60 0.00	32.32 -1.40 0.00	31.78 -0.25 0.00
NIAGARA_230_LBMP 323716	28.93 -0.24 0.00	24.15 -0.54 0.00	26.21 -0.35 0.00	25.67 -0.33 0.00	25.26 -0.32 0.00	28.03 -0.85 0.00	37.95 -2.05 0.00	42.59 -2.54 0.00	30.78 -1.32 0.00	24.85 -0.87 0.00	30.94 -0.52 0.00	32.45 -0.32 0.00	30.27 -0.53 0.00	28.80 -0.70 0.00	24.46 -0.87 0.04	20.06 -0.83 0.53	29.83 -1.73 0.00	54.36 -4.29 0.00	41.13 -2.95 0.00	36.10 -2.62 0.00	34.29 -2.78 0.76	35.96 -2.30 0.00	32.40 -1.32 0.00	31.79 -0.23 0.00
NIAGARA___115KV_198_GIBSON 55903	28.88 -0.29 0.00	24.11 -0.58 0.00	26.16 -0.40 0.00	25.62 -0.38 0.00	25.21 -0.36 0.00	27.86 -1.01 0.00	37.63 -2.37 0.00	42.19 -2.93 0.00	30.55 -1.55 0.00	24.68 -1.03 0.00	30.77 -0.69 0.00	32.40 -0.36 0.00	30.22 -0.58 0.00	28.74 -0.76 0.00	24.41 -0.92 0.04	20.01 -0.88 0.53	29.74 -1.81 0.00	53.94 -4.71 0.00	40.74 -3.34 0.00	35.78 -2.94 0.00	33.97 -3.08 0.78	35.66 -2.60 0.00	32.33 -1.39 0.00	31.78 -0.25 0.00
NIAGARA____ 23760	28.93 -0.24 0.00	24.15 -0.54 0.00	26.21 -0.35 0.00	25.67 -0.33 0.00	25.26 -0.32 0.00	28.03 -0.85 0.00	37.95 -2.05 0.00	42.59 -2.54 0.00	30.78 -1.32 0.00	24.85 -0.87 0.00	30.94 -0.52 0.00	32.45 -0.32 0.00	30.27 -0.53 0.00	28.80 -0.70 0.00	24.46 -0.87 0.04	20.06 -0.83 0.53	29.83 -1.73 0.00	54.36 -4.29 0.00	41.13 -2.95 0.00	36.10 -2.62 0.00	34.29 -2.78 0.77	35.96 -2.30 0.00	32.40 -1.32 0.00	31.79 -0.23 0.00
NINE_MILE_1 23575	28.27 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.77 -0.80 0.00	27.97 -0.91 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.86 0.00	30.42 -1.04 0.00	31.69 -1.07 0.00	29.78 -1.02 0.00	28.52 -0.97 0.00	24.50 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.69 -1.39 0.00	37.51 -1.22 0.00	36.63 -1.21 0.00	37.05 -1.21 0.00	32.66 -1.06 0.00	31.12 -0.91 0.00
NINE_MILE_2 23744	28.27 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.78 -0.80 0.00	27.97 -0.91 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.85 0.00	30.42 -1.04 0.00	31.69 -1.07 0.00	29.78 -1.02 0.00	28.53 -0.97 0.00	24.51 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.69 -1.39 0.00	37.51 -1.21 0.00	36.63 -1.20 0.00	37.06 -1.21 0.00	32.67 -1.06 0.00	31.12 -0.91 0.00
NM_CAPITAL___DRP 24208	29.12 -0.05 0.00	24.79 0.10 0.00	26.66 0.09 0.00	26.10 0.11 0.00	25.71 0.12 0.00	29.08 0.21 0.00	40.32 0.32 0.00	45.65 0.53 0.00	32.45 0.35 0.00	26.04 0.32 0.00	31.77 0.32 0.00	33.04 0.28 0.00	31.05 0.25 0.00	29.74 0.24 0.00	25.72 0.29 -0.07	22.75 0.31 -1.01	32.04 0.48 0.00	59.46 0.81 0.00	44.50 0.41 0.00	39.14 0.41 0.00	38.39 0.55 0.00	38.69 0.43 0.00	34.12 0.39 0.00	32.29 0.26 0.00
NM_CENTRAL___DRP 24181	28.74 -0.44 0.00	24.28 -0.41 0.00	26.13 -0.44 0.00	25.57 -0.43 0.00	25.17 -0.41 0.00	28.44 -0.43 0.00	39.45 -0.55 0.00	44.51 -0.61 0.00	31.62 -0.48 0.00	25.24 -0.47 0.00	30.89 -0.56 0.00	32.21 -0.56 0.00	30.25 -0.55 0.00	28.97 -0.53 0.00	24.87 -0.49 0.00	21.02 -0.40 0.00	30.98 -0.57 0.00	57.74 -0.92 0.00	43.47 -0.61 0.00	38.17 -0.56 0.00	37.27 -0.56 0.00	37.74 -0.52 0.00	33.24 -0.48 0.00	31.68 -0.34 0.00

NM_FRONTIER___DRP 24179	28.88 -0.29 0.00	24.11 -0.58 0.00	26.16 -0.40 0.00	25.62 -0.38 0.00	25.21 -0.36 0.00	27.86 -1.01 0.00	37.63 -2.37 0.00	42.19 -2.93 0.00	30.55 -1.55 0.00	24.68 -1.03 0.00	30.77 -0.69 0.00	32.40 -0.36 0.00	30.22 -0.58 0.00	28.74 -0.76 0.00	24.41 -0.92 0.04	20.01 -0.88 0.53	29.74 -1.81 0.00	53.94 -4.71 0.00	40.74 -3.34 0.00	35.78 -2.94 0.00	33.97 -3.08 0.78	35.66 -2.60 0.00	32.33 -1.39 0.00	31.78 -0.25 0.00
NM_ST_REGIS___HYD 24053	30.58 1.41 0.00	25.80 1.11 0.00	27.73 1.17 0.00	27.11 1.12 0.00	26.69 1.12 0.00	30.06 1.19 0.00	41.56 1.56 0.00	46.92 1.81 0.00	33.27 1.16 0.00	26.38 0.67 0.00	32.06 0.61 0.00	33.30 0.53 0.00	31.40 0.60 0.00	30.05 0.55 0.00	25.77 0.40 0.00	21.61 0.19 0.00	31.81 0.25 0.00	59.85 1.19 0.00	45.46 1.37 0.00	39.71 0.98 0.00	38.64 0.81 0.00	39.36 1.10 0.00	34.73 1.01 0.00	32.79 0.77 0.00
NORTHPORT___1 23551	27.98 0.44 1.64	24.98 0.29 0.01	26.74 0.18 0.00	26.27 0.27 0.00	25.74 0.16 0.00	27.28 0.38 1.97	32.04 0.28 8.24	43.51 0.26 1.86	26.66 0.24 5.69	26.54 0.83 0.01	28.93 1.43 3.95	28.18 1.51 6.10	31.80 1.35 0.36	30.89 1.40 0.01	27.01 1.34 -0.31	26.11 1.10 -3.59	32.67 1.12 0.00	59.76 1.11 0.00	44.75 0.67 0.00	39.36 0.63 0.00	38.58 0.75 0.00	39.05 0.79 0.00	34.48 0.76 0.00	32.45 0.42 0.00
NORTHPORT___2 23552	27.98 0.44 1.64	24.98 0.29 0.01	26.74 0.18 0.00	26.27 0.27 0.00	25.74 0.16 0.00	27.28 0.38 1.97	32.04 0.28 8.24	43.51 0.26 1.86	26.66 0.24 5.69	26.54 0.83 0.01	28.93 1.43 3.95	28.18 1.51 6.10	31.80 1.35 0.36	30.89 1.40 0.01	27.01 1.34 -0.31	26.11 1.10 -3.59	32.67 1.12 0.00	59.76 1.11 0.00	44.75 0.67 0.00	39.36 0.63 0.00	38.58 0.75 0.00	39.05 0.79 0.00	34.48 0.76 0.00	32.45 0.42 0.00
NORTHPORT___3 23553	27.98 0.44 1.64	24.98 0.29 0.01	26.74 0.18 0.00	26.27 0.27 0.00	25.74 0.16 0.00	27.28 0.38 1.97	32.04 0.28 8.24	43.51 0.26 1.86	26.66 0.24 5.69	26.54 0.83 0.01	28.93 1.43 3.95	28.18 1.51 6.10	31.80 1.35 0.36	30.89 1.40 0.01	27.01 1.34 -0.31	26.11 1.10 -3.59	32.67 1.12 0.00	59.76 1.11 0.00	44.75 0.67 0.00	39.12 0.39 0.00	38.31 0.48 0.00	38.79 0.53 0.00	34.26 0.54 0.00	32.29 0.26 0.00
NORTHPORT___4 23650	28.08 0.45 1.55	24.99 0.30 0.00	26.76 0.20 0.00	26.29 0.29 0.00	25.72 0.15 0.00	27.36 0.34 1.86	32.19 0.19 8.00	43.40 0.11 1.83	26.67 0.15 5.58	26.52 0.82 0.00	29.19 1.47 3.73	28.54 1.55 5.77	31.88 1.36 0.28	30.90 1.40 0.00	27.03 1.34 -0.33	26.04 1.03 -3.59	32.56 1.00 0.00	34.71 0.93 24.88	18.01 0.58 26.66	39.12 0.39 0.00	38.31 0.48 0.00	38.79 0.53 0.00	34.26 0.54 0.00	32.29 0.26 0.00
NORTHPORT___IC 23718	27.98 0.45 1.64	24.98 0.29 0.01	26.74 0.18 0.00	26.27 0.27 0.00	25.74 0.16 0.00	27.29 0.38 1.97	32.05 0.29 8.24	43.51 0.26 1.86	26.66 0.24 5.69	26.54 0.83 0.01	28.94 1.43 3.95	28.18 1.51 6.10	31.80 1.35 0.36	30.89 1.40 0.01	27.01 1.33 -0.31	26.11 1.10 -3.59	32.67 1.12 0.00	59.76 1.11 0.00	44.75 0.67 0.00	39.36 0.63 0.00	38.58 0.75 0.00	39.05 0.79 0.00	34.48 0.75 0.00	32.45 0.42 0.00
NORTH___COUNTRY_ESR 323785	30.02 0.85 0.00	25.39 0.70 0.00	27.35 0.78 0.00	26.69 0.70 0.00	26.25 0.67 0.00	29.54 0.67 0.00	40.70 0.70 0.00	45.94 0.82 0.00	32.69 0.59 0.00	26.13 0.42 0.00	31.87 0.42 0.00	33.19 0.43 0.00	31.34 0.54 0.00	30.03 0.53 0.00	25.80 0.43 0.00	21.74 0.31 0.00	32.03 0.47 0.00	60.05 1.40 0.00	45.41 1.32 0.00	39.47 0.74 0.00	38.33 0.50 0.00	38.79 0.54 0.00	34.18 0.45 0.00	32.10 0.07 0.00
NPX_GEN_1385_PROXY 323591	27.98 0.44 1.64	24.98 0.29 0.01	26.74 0.18 0.00	26.27 0.27 0.00	25.74 0.16 0.00	27.28 0.38 1.97	32.04 0.28 8.24	43.51 0.26 1.86	26.66 0.24 5.69	26.54 0.83 0.01	28.93 1.43 3.95	28.18 1.51 6.10	31.80 1.35 0.36	30.89 1.40 0.01	27.01 1.34 -0.31	26.11 1.10 -3.59	31.48 1.12 1.19	57.61 1.11 2.15	44.75 0.67 0.00	39.36 0.63 0.00	38.58 0.75 0.00	39.05 0.79 0.00	34.47 0.74 0.00	32.11 0.08 0.00
NPX_GEN_CSC 323557	27.78 0.08 1.47	24.67 -0.01 0.00	26.39 -0.17 0.00	25.93 -0.06 0.00	25.45 -0.12 0.00	27.20 0.08 1.76	32.12 -0.03 7.86	43.31 0.02 1.82	26.56 0.02 5.56	26.26 0.56 0.00	28.59 0.93 3.79	28.33 1.02 5.46	31.64 1.07 0.22	30.62 1.13 0.00	26.72 1.02 -0.34	26.06 1.05 -3.59	31.47 1.10 1.19	57.68 1.17 2.15	44.63 0.54 0.00	39.22 0.49 0.00	38.43 0.60 0.00	38.80 0.54 0.00	34.22 0.49 0.00	32.10 0.07 0.00
NSINS_S_GLNS_FALLS 23858	29.97 0.80 0.00	25.44 0.74 0.00	27.44 0.88 0.00	26.89 0.90 0.00	26.50 0.92 0.00	30.02 1.15 0.00	41.87 1.87 0.00	47.46 2.34 0.00	33.47 1.37 0.00	26.54 0.83 0.00	32.25 0.80 0.00	33.49 0.73 0.00	31.33 0.53 0.00	30.00 0.51 0.00	25.93 0.51 -0.06	22.86 0.57 -0.87	32.75 1.20 0.00	61.28 2.62 0.00	45.91 1.82 0.00	40.45 1.72 0.00	39.55 1.71 0.00	39.80 1.54 0.00	35.25 1.53 0.00	33.32 1.29 0.00
NUCOR_STEEL___DRP 24197	29.15 -0.02 0.00	24.58 -0.11 0.00	26.56 0.00 0.00	26.03 0.03 0.00	25.51 -0.06 0.00	28.81 -0.06 0.00	40.13 0.13 0.00	45.26 0.14 0.00	32.11 0.01 0.00	25.55 -0.17 0.00	31.11 -0.34 0.00	32.51 -0.26 0.00	30.42 -0.38 0.00	29.21 -0.29 0.00	24.97 -0.40 0.00	21.17 -0.26 0.00	31.27 -0.28 0.00	58.51 -0.15 0.00	43.96 -0.12 0.00	38.74 0.01 0.00	37.82 -0.01 0.00	38.20 -0.06 0.00	33.70 -0.03 0.00	32.14 0.11 0.00
NUMBER_THREE_WT_PWR 323818	30.35 1.18 0.00	25.52 0.83 0.00	27.30 0.73 0.00	26.72 0.73 0.00	26.36 0.78 0.00	29.69 0.82 0.00	41.13 1.13 0.00	46.52 1.39 0.00	32.84 0.74 0.00	25.79 0.08 0.00	30.95 -0.50 0.00	31.87 -0.90 0.00	30.24 -0.56 0.00	29.01 -0.49 0.00	24.92 -0.44 0.00	20.92 -0.50 0.00	31.05 -0.50 0.00	59.39 0.73 0.00	45.50 1.42 0.00	39.80 1.07 0.00	38.18 0.35 0.00	38.78 0.52 0.00	33.78 0.05 0.00	31.87 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	29.17 0.00 0.00	24.69 0.00 0.00	26.57 0.00 0.00	25.99 0.00 0.00	25.58 0.00 0.00	28.87 0.00 0.00	40.00 0.00 0.00	45.12 0.00 0.00	32.10 0.00 0.00	25.71 0.00 0.00	31.46 0.00 0.00	32.77 0.00 0.00	30.80 0.00 0.00	29.50 0.00 0.00	25.36 0.00 0.00	21.42 0.00 0.00	31.55 0.00 0.00	58.66 0.00 0.00	44.08 0.00 0.00	38.73 0.00 0.00	37.83 0.00 0.00	38.26 0.00 0.00	33.72 0.00 0.00	32.02 0.00 0.00
NYPA_BRENTWD____GT 24164	28.82 0.66 1.01	25.17 0.48 0.00	26.95 0.39 0.00	26.47 0.47 0.00	25.94 0.36 0.00	28.28 0.62 1.21	33.84 0.69 6.85	44.16 0.76 1.71	27.43 0.56 5.24	26.78 1.07 0.00	30.63 1.64 2.47	30.66 1.67 3.77	32.50 1.57 -0.12	31.11 1.62 0.00	27.25 1.51 -0.38	26.34 1.33 -3.59	33.04 1.49 0.00	60.57 1.92 0.00	45.41 1.32 0.00	39.90 1.17 0.00	39.09 1.26 0.00	39.53 1.27 0.00	34.84 1.11 0.00	32.76 0.74 0.00

NYPA_GOWANUS____GT5 24156	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NYPA_GOWANUS____GT6 24157	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.38 1.28 0.00	27.09 1.37 0.00	33.16 1.71 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.21 1.48 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00
NYPA_HARLEM__RVR__GT1 24160	29.80 0.63 0.00	25.26 0.58 0.00	27.13 0.57 0.00	26.69 0.69 0.00	26.22 0.64 0.00	29.65 0.78 0.00	41.12 1.14 0.02	46.47 1.35 0.00	33.21 1.11 0.01	26.97 1.26 0.00	33.03 1.58 0.00	34.45 1.68 0.00	32.45 1.65 0.00	31.07 1.58 0.00	27.10 1.50 -0.23	26.33 1.31 -3.60	33.23 1.67 0.00	60.84 2.18 0.00	45.60 1.52 0.00	40.06 1.34 0.01	39.28 1.45 0.00	39.85 1.59 0.00	35.03 1.31 0.00	33.05 1.02 0.00
NYPA_HARLEM__RVR__GT2 24161	29.80 0.63 0.00	25.26 0.58 0.00	27.13 0.57 0.00	26.69 0.69 0.00	26.22 0.64 0.00	29.65 0.78 0.00	41.12 1.14 0.02	46.47 1.35 0.00	33.21 1.11 0.01	26.97 1.26 0.00	33.03 1.58 0.00	34.45 1.68 0.00	32.45 1.65 0.00	31.07 1.58 0.00	27.10 1.50 -0.23	26.33 1.31 -3.60	33.23 1.67 0.00	60.84 2.18 0.00	45.60 1.52 0.00	40.06 1.34 0.01	39.28 1.45 0.00	39.85 1.59 0.00	35.03 1.31 0.00	33.05 1.02 0.00
NYPA_KENT____GT 24152	29.92 0.75 0.00	25.34 0.65 0.00	27.24 0.68 0.00	26.82 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.32 1.33 0.00	46.59 1.47 0.00	33.34 1.24 0.00	27.09 1.38 0.00	33.21 1.76 0.00	34.64 1.88 0.00	32.63 1.84 0.00	31.24 1.74 0.00	27.21 1.61 -0.23	26.43 1.41 -3.60	33.44 1.88 0.00	61.12 2.46 0.00	45.73 1.65 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.97 1.71 0.00	35.16 1.44 0.00	33.19 1.17 0.00
NYPA_POUCH1____GT 24155	29.90 0.72 0.00	25.32 0.64 0.00	27.25 0.68 0.00	26.89 0.90 0.00	26.46 0.88 0.00	29.94 1.07 0.00	41.48 1.48 0.00	46.67 1.55 0.00	33.47 1.37 0.00	27.13 1.42 0.00	33.06 1.60 0.00	34.43 1.66 0.00	32.49 1.69 0.00	31.09 1.59 0.00	27.08 1.48 -0.23	26.33 1.32 -3.60	33.29 1.74 0.00	60.78 2.13 0.00	45.52 1.43 0.00	40.11 1.38 0.00	39.35 1.52 0.00	39.87 1.61 0.00	35.06 1.33 0.00	33.09 1.07 0.00
NYPA_VERNON____GT2 24162	29.96 0.79 0.00	25.37 0.68 0.00	27.27 0.71 0.00	26.82 0.83 0.00	26.36 0.78 0.00	29.81 0.94 0.00	41.30 1.30 0.00	46.59 1.47 0.00	33.30 1.20 0.00	27.09 1.38 0.00	33.27 1.81 0.00	34.71 1.94 0.00	32.68 1.88 0.00	31.29 1.79 0.00	27.25 1.65 -0.23	26.47 1.45 -3.60	33.49 1.93 0.00	61.19 2.53 0.00	45.78 1.69 0.00	40.22 1.50 0.00	39.44 1.61 0.00	40.00 1.74 0.00	35.20 1.47 0.00	33.22 1.20 0.00
NYPA_VERNON____GT3 24163	29.96 0.79 0.00	25.37 0.68 0.00	27.27 0.71 0.00	26.82 0.83 0.00	26.36 0.78 0.00	29.81 0.94 0.00	41.30 1.30 0.00	46.59 1.47 0.00	33.30 1.20 0.00	27.09 1.38 0.00	33.27 1.81 0.00	34.71 1.94 0.00	32.68 1.88 0.00	31.29 1.79 0.00	27.25 1.65 -0.23	26.47 1.45 -3.60	33.49 1.93 0.00	61.19 2.53 0.00	45.78 1.69 0.00	40.22 1.50 0.00	39.44 1.61 0.00	40.00 1.74 0.00	35.20 1.47 0.00	33.22 1.20 0.00
NYPA____ASTORIA_CC1 323568	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.35 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.54 1.41 0.00	33.28 1.18 0.00	27.07 1.36 0.00	33.24 1.78 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.46 0.00	45.73 1.65 0.00	40.19 1.46 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
NYPA____ASTORIA_CC2 323569	29.95 0.78 0.00	25.36 0.68 0.00	27.27 0.70 0.00	26.81 0.82 0.00	26.35 0.77 0.00	29.79 0.92 0.00	41.26 1.26 0.00	46.54 1.41 0.00	33.28 1.18 0.00	27.07 1.36 0.00	33.24 1.78 0.00	34.68 1.92 0.00	32.66 1.86 0.00	31.27 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.90 0.00	61.12 2.46 0.00	45.73 1.65 0.00	40.19 1.46 0.00	39.41 1.58 0.00	39.97 1.71 0.00	35.18 1.46 0.00	33.21 1.18 0.00
NYPA____HOLTSVILL 23794	27.99 0.32 1.50	24.87 0.19 0.00	26.62 0.06 0.00	26.15 0.16 0.00	25.66 0.08 0.00	27.39 0.31 1.79	32.33 0.26 7.93	43.59 0.30 1.83	26.76 0.25 5.59	26.47 0.76 0.00	28.82 1.23 3.87	28.50 1.31 5.57	31.80 1.25 0.25	30.79 1.29 0.00	26.92 1.22 -0.33	26.14 1.13 -3.59	32.77 1.21 0.00	60.02 1.37 0.00	44.88 0.80 0.00	39.45 0.72 0.00	38.66 0.83 0.00	39.07 0.81 0.00	34.46 0.74 0.00	32.37 0.34 0.00
NYPA____HELLGATE_GT1 24158	29.80 0.63 0.00	25.26 0.58 0.00	27.13 0.57 0.00	26.69 0.69 0.00	26.22 0.64 0.00	29.65 0.77 0.00	41.13 1.14 0.00	46.47 1.35 0.00	33.22 1.11 0.00	26.97 1.26 0.00	33.03 1.58 0.00	34.45 1.68 0.00	32.45 1.65 0.00	31.07 1.58 0.00	27.10 1.50 -0.23	26.33 1.31 -3.60	33.23 1.67 0.00	60.84 2.18 0.00	45.60 1.52 0.00	40.06 1.34 0.00	39.28 1.45 0.00	39.85 1.59 0.00	35.03 1.31 0.00	32.95 1.01 0.09
NYPA____HELLGATE_GT2 24159	29.80 0.63 0.00	25.26 0.58 0.00	27.13 0.57 0.00	26.69 0.69 0.00	26.22 0.64 0.00	29.65 0.77 0.00	41.13 1.14 0.00	46.47 1.35 0.00	33.22 1.11 0.00	26.97 1.26 0.00	33.03 1.58 0.00	34.45 1.68 0.00	32.45 1.65 0.00	31.07 1.58 0.00	27.10 1.50 -0.23	26.33 1.31 -3.60	33.23 1.67 0.00	60.84 2.18 0.00	45.60 1.52 0.00	40.06 1.34 0.00	39.28 1.45 0.00	39.85 1.59 0.00	35.03 1.31 0.00	32.95 1.01 0.09
NYS_BARGE____HYD 23848	29.17 0.00 0.00	24.35 -0.34 0.00	26.41 -0.15 0.00	25.86 -0.14 0.00	25.44 -0.13 0.00	28.24 -0.63 0.00	38.31 -1.69 0.00	42.99 -2.13 0.00	31.09 -1.01 0.00	25.00 -0.71 0.00	31.09 -0.36 0.00	32.55 -0.21 0.00	30.37 -0.43 0.00	28.90 -0.60 0.00	24.55 -0.77 0.03	20.16 -0.74 0.52	29.97 -1.59 0.00	54.62 -4.03 0.00	41.42 -2.66 0.00	36.39 -2.34 0.00	34.56 -2.53 0.74	36.19 -2.07 0.00	32.56 -1.16 0.00	32.02 -0.01 0.00
OAK ORCHARD____HYD 24046	29.36 0.18 0.00	24.60 -0.09 0.00	26.60 0.04 0.00	26.05 0.06 0.00	25.66 0.08 0.00	28.75 -0.12 0.00	39.49 -0.51 0.00	44.51 -0.61 0.00	31.86 -0.24 0.00	25.48 -0.23 0.00	31.42 -0.03 0.00	32.84 0.07 0.00	30.68 -0.12 0.00	29.23 -0.27 0.00	24.99 -0.38 0.00	21.07 -0.36 0.00	30.93 -0.62 0.00	57.34 -1.32 0.00	43.32 -0.76 0.00	38.05 -0.68 0.00	37.01 -0.82 0.00	37.60 -0.66 0.00	33.39 -0.34 0.00	32.14 0.12 0.00

OAKDALE___35_KV_LOAD 356122	29.12 -0.05 0.00	24.56 -0.13 0.00	26.50 -0.07 0.00	25.90 -0.09 0.00	25.46 -0.11 0.00	28.73 -0.14 0.00	39.82 -0.18 0.00	44.83 -0.29 0.00	31.86 -0.24 0.00	25.47 -0.24 0.00	31.36 -0.10 0.00	32.81 0.04 0.00	30.76 -0.04 0.00	29.39 -0.11 0.00	25.12 -0.17 0.07	20.15 -0.15 1.12	31.29 -0.26 0.00	58.14 -0.51 0.00	43.82 -0.27 0.00	38.44 -0.28 0.00	37.56 -0.27 0.00	37.97 -0.29 0.00	33.43 -0.29 0.00	31.95 -0.07 0.00
OCC_CHEM___DRP 24175	28.92 -0.25 0.00	24.13 -0.56 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.27 -2.85 0.00	30.62 -1.49 0.00	24.72 -0.99 0.00	30.82 -0.63 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.45 -0.88 0.04	20.04 -0.86 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.26 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.38 -1.35 0.00	31.83 -0.20 0.00
OH_GEN_PROXY 24063	28.91 -0.26 0.00	24.14 -0.55 0.00	26.20 -0.36 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	28.04 -0.83 0.00	38.01 -1.99 0.00	42.67 -2.45 0.00	30.82 -1.28 0.00	24.87 -0.85 0.00	30.96 -0.49 0.00	32.49 -0.28 0.00	30.30 -0.50 0.00	28.83 -0.67 0.00	24.48 -0.85 0.04	20.08 -0.81 0.53	28.69 -1.68 1.19	52.37 -4.13 2.15	41.23 -2.85 0.00	36.19 -2.53 0.00	34.43 -2.69 0.71	36.02 -2.24 0.00	32.41 -1.31 0.00	31.77 -0.26 0.00
OLIN_CORP_DRP 24177	28.87 -0.31 0.00	24.11 -0.58 0.00	26.16 -0.41 0.00	25.61 -0.38 0.00	25.20 -0.38 0.00	27.94 -0.93 0.00	37.86 -2.14 0.00	42.45 -2.67 0.00	30.73 -1.37 0.00	24.77 -0.94 0.00	30.83 -0.62 0.00	32.27 -0.49 0.00	30.12 -0.68 0.00	28.66 -0.84 0.00	24.37 -0.96 0.04	19.97 -0.92 0.54	29.68 -1.87 0.00	53.89 -4.77 0.00	40.81 -3.27 0.00	35.86 -2.87 0.00	34.01 -3.03 0.79	35.74 -2.53 0.00	32.21 -1.52 0.00	31.73 -0.29 0.00
OLIN_CORP_DSASP 323712	28.93 -0.25 0.00	24.14 -0.55 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.28 -2.84 0.00	30.61 -1.49 0.00	24.72 -0.99 0.00	30.83 -0.62 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.44 -0.89 0.04	20.05 -0.85 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.27 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.37 -1.35 0.00	31.83 -0.20 0.00
ONEIDA_HERK_LFGE 323681	29.99 0.81 0.00	25.30 0.62 0.00	27.16 0.59 0.00	26.57 0.57 0.00	26.18 0.61 0.00	29.57 0.70 0.00	41.04 1.04 0.00	46.37 1.25 0.00	32.80 0.70 0.00	25.94 0.23 0.00	31.45 -0.01 0.00	32.60 -0.16 0.00	30.74 -0.06 0.00	29.47 -0.03 0.00	25.33 -0.03 0.00	21.35 -0.07 0.00	31.65 0.09 0.00	59.77 1.11 0.00	45.33 1.25 0.00	39.73 1.00 0.00	38.52 0.69 0.00	38.98 0.72 0.00	34.17 0.45 0.00	32.35 0.32 0.00
ONEIDA___115KV_TB4 55905	29.80 0.62 0.00	25.17 0.48 0.00	27.05 0.49 0.00	26.46 0.47 0.00	26.05 0.47 0.00	29.47 0.60 0.00	40.94 0.94 0.00	46.23 1.12 0.00	32.70 0.60 0.00	25.88 0.17 0.00	31.54 0.08 0.00	32.83 0.07 0.00	30.87 0.07 0.00	29.59 0.09 0.00	25.43 0.07 0.00	21.49 0.06 0.00	31.81 0.25 0.00	59.73 1.07 0.00	45.20 1.11 0.00	39.63 0.90 0.00	38.63 0.80 0.00	39.00 0.74 0.00	34.29 0.56 0.00	32.54 0.51 0.00
ONONDAGA_REF_OCCRA 23987	28.94 -0.24 0.00	24.44 -0.25 0.00	26.31 -0.26 0.00	25.74 -0.26 0.00	25.33 -0.24 0.00	28.63 -0.24 0.00	39.74 -0.26 0.00	44.83 -0.29 0.00	31.82 -0.28 0.00	25.37 -0.34 0.00	31.05 -0.41 0.00	32.38 -0.39 0.00	30.40 -0.40 0.00	29.10 -0.40 0.00	24.99 -0.37 0.00	21.12 -0.30 0.00	31.15 -0.40 0.00	58.10 -0.56 0.00	43.79 -0.29 0.00	38.44 -0.29 0.00	37.54 -0.29 0.00	37.98 -0.28 0.00	33.45 -0.27 0.00	31.87 -0.15 0.00
ONONDAGA___COGEN 23986	28.90 -0.27 0.00	24.42 -0.27 0.00	26.29 -0.27 0.00	25.73 -0.26 0.00	25.32 -0.26 0.00	28.62 -0.25 0.00	39.74 -0.26 0.00	44.82 -0.30 0.00	31.81 -0.29 0.00	25.37 -0.34 0.00	31.02 -0.44 0.00	32.34 -0.43 0.00	30.36 -0.44 0.00	29.08 -0.42 0.00	24.96 -0.40 0.00	21.11 -0.32 0.00	31.13 -0.42 0.00	58.10 -0.56 0.00	43.75 -0.33 0.00	38.43 -0.30 0.00	37.51 -0.32 0.00	37.95 -0.32 0.00	33.43 -0.29 0.00	31.84 -0.18 0.00
ONTARIO___LFGE 23819	29.39 0.22 0.00	24.67 -0.02 0.00	26.64 0.08 0.00	26.02 0.02 0.00	25.60 0.03 0.00	28.88 0.00 0.00	39.90 -0.10 0.00	44.87 -0.25 0.00	31.91 -0.19 0.00	25.35 -0.36 0.00	31.10 -0.35 0.00	32.52 -0.25 0.00	30.44 -0.36 0.00	29.07 -0.43 0.00	24.80 -0.53 0.03	20.46 -0.47 0.50	30.89 -0.66 0.00	57.68 -0.97 0.00	43.71 -0.37 0.00	38.34 -0.39 0.00	37.78 -0.45 -0.39	37.91 -0.35 0.00	33.44 -0.28 0.00	32.07 0.05 0.00
ORANGEVILLE_WT_PWR 323706	28.81 -0.37 0.00	23.99 -0.70 0.00	25.95 -0.62 0.00	25.25 -0.74 0.00	24.74 -0.83 0.00	27.62 -1.25 0.00	37.77 -2.23 0.00	42.41 -2.71 0.00	30.40 -1.70 0.00	24.31 -1.40 0.00	30.24 -1.22 0.00	31.86 -0.91 0.00	29.93 -0.87 0.00	28.50 -0.99 0.00	24.16 -1.16 0.04	19.68 -1.09 0.65	29.73 -1.83 0.00	54.99 -3.66 0.00	41.82 -2.26 0.00	36.45 -2.28 0.00	31.84 -2.69 3.31	35.77 -2.48 0.00	31.92 -1.81 0.00	31.17 -0.86 0.00
ORANGEVILLE___ESR 323794	28.81 -0.37 0.00	23.99 -0.70 0.00	25.95 -0.62 0.00	25.25 -0.74 0.00	24.74 -0.83 0.00	27.62 -1.25 0.00	37.77 -2.23 0.00	42.41 -2.71 0.00	30.40 -1.70 0.00	24.31 -1.40 0.00	30.24 -1.22 0.00	31.86 -0.91 0.00	29.93 -0.87 0.00	28.50 -0.99 0.00	24.16 -1.16 0.04	19.68 -1.09 0.65	29.73 -1.83 0.00	54.99 -3.66 0.00	41.82 -2.26 0.00	36.45 -2.28 0.00	31.84 -2.69 3.31	35.77 -2.48 0.00	31.92 -1.81 0.00	31.17 -0.86 0.00
OSWEGATCHIE___HYD 24044	30.45 1.27 0.00	25.65 0.96 0.00	27.49 0.93 0.00	26.90 0.91 0.00	26.51 0.94 0.00	29.87 1.00 0.00	41.35 1.36 0.00	46.73 1.61 0.00	33.02 0.92 0.00	26.03 0.31 0.00	31.41 -0.04 0.00	32.47 -0.29 0.00	30.69 -0.11 0.00	29.39 -0.11 0.00	25.21 -0.15 0.00	21.14 -0.28 0.00	31.24 -0.31 0.00	59.38 0.72 0.00	45.33 1.24 0.00	39.66 0.93 0.00	38.35 0.52 0.00	39.07 0.81 0.00	34.28 0.55 0.00	32.38 0.36 0.00
OSWEGO___5 23606	28.48 -0.69 0.00	24.07 -0.62 0.00	25.91 -0.65 0.00	25.36 -0.63 0.00	24.96 -0.62 0.00	28.17 -0.70 0.00	39.06 -0.94 0.00	44.04 -1.08 0.00	31.32 -0.78 0.00	25.03 -0.68 0.00	30.63 -0.83 0.00	31.92 -0.85 0.00	29.99 -0.82 0.00	28.72 -0.78 0.00	24.66 -0.70 0.00	20.84 -0.58 0.00	30.69 -0.87 0.00	57.13 -1.53 0.00	43.00 -1.08 0.00	37.78 -0.95 0.00	36.89 -0.94 0.00	37.32 -0.94 0.00	32.90 -0.83 0.00	31.34 -0.69 0.00
OSWEGO___6 23613	28.48 -0.69 0.00	24.07 -0.62 0.00	25.91 -0.65 0.00	25.36 -0.63 0.00	24.96 -0.62 0.00	28.17 -0.70 0.00	39.06 -0.94 0.00	44.04 -1.08 0.00	31.32 -0.78 0.00	25.03 -0.68 0.00	30.63 -0.83 0.00	31.92 -0.85 0.00	29.99 -0.82 0.00	28.72 -0.78 0.00	24.66 -0.70 0.00	20.84 -0.58 0.00	30.69 -0.87 0.00	57.13 -1.53 0.00	43.00 -1.08 0.00	37.78 -0.95 0.00	36.89 -0.94 0.00	37.32 -0.94 0.00	32.90 -0.83 0.00	31.34 -0.69 0.00

OUTOKUMPU-AB___DRP 24206	29.36 0.18 0.00	24.49 -0.20 0.00	26.55 -0.01 0.00	26.00 0.00 0.00	25.57 -0.01 0.00	28.35 -0.52 0.00	38.44 -1.56 0.00	43.13 -1.99 0.00	31.19 -0.91 0.00	25.13 -0.58 0.00	31.30 -0.16 0.00	32.85 0.09 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.78 -0.55 0.04	20.32 -0.57 0.53	30.22 -1.33 0.00	55.07 -3.59 0.00	41.69 -2.39 0.00	36.61 -2.12 0.00	34.69 -2.32 0.82	36.38 -1.88 0.00	32.78 -0.94 0.00	32.17 0.15 0.00
OXBOW___BTM 323836	29.11 -0.06 0.00	24.30 -0.39 0.00	26.35 -0.21 0.00	25.80 -0.19 0.00	25.39 -0.19 0.00	28.10 -0.77 0.00	38.03 -1.97 0.00	42.68 -2.44 0.00	30.88 -1.22 0.00	24.91 -0.80 0.00	31.04 -0.41 0.00	32.64 -0.13 0.00	30.44 -0.36 0.00	28.96 -0.54 0.00	24.60 -0.73 0.04	20.18 -0.71 0.53	29.99 -1.56 0.00	54.52 -4.13 0.00	41.24 -2.84 0.00	36.22 -2.51 0.00	34.35 -2.68 0.80	36.04 -2.22 0.00	32.56 -1.17 0.00	31.98 -0.04 0.00
OXBOW___ 24026	29.11 -0.06 0.00	24.29 -0.40 0.00	26.35 -0.22 0.00	25.80 -0.20 0.00	25.38 -0.19 0.00	28.10 -0.77 0.00	38.04 -1.96 0.00	42.68 -2.44 0.00	30.88 -1.22 0.00	24.91 -0.80 0.00	31.04 -0.42 0.00	32.64 -0.13 0.00	30.44 -0.36 0.00	28.96 -0.54 0.00	24.60 -0.73 0.04	20.17 -0.72 0.53	29.99 -1.57 0.00	54.52 -4.13 0.00	41.24 -2.84 0.00	36.22 -2.51 0.00	34.34 -2.69 0.80	36.04 -2.22 0.00	32.56 -1.16 0.00	31.98 -0.05 0.00
OXY_CHEM_DSASP 323612	28.92 -0.25 0.00	24.13 -0.56 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.27 -2.85 0.00	30.62 -1.49 0.00	24.72 -0.99 0.00	30.82 -0.63 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.45 -0.88 0.04	20.04 -0.86 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.26 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.38 -1.35 0.00	31.83 -0.20 0.00
OZONE_PARK_ESR 323760	30.17 1.00 0.00	25.53 0.84 0.00	27.43 0.87 0.00	26.95 0.96 0.00	26.49 0.91 0.00	29.96 1.09 0.00	41.61 1.61 0.00	47.00 1.88 0.00	33.52 1.42 0.00	27.23 1.52 0.00	33.49 2.03 0.00	34.95 2.18 0.00	32.89 2.09 0.00	31.48 1.98 0.00	27.41 1.81 -0.23	26.60 1.59 -3.60	33.73 2.17 0.00	61.79 3.14 0.00	46.28 2.20 0.00	40.64 1.91 0.00	39.81 1.98 0.00	40.32 2.06 0.00	35.47 1.74 0.00	33.48 1.45 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.92 -0.25 0.00	24.13 -0.56 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.27 -2.85 0.00	30.62 -1.49 0.00	24.72 -0.99 0.00	30.82 -0.63 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.45 -0.88 0.04	20.04 -0.86 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.26 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.38 -1.35 0.00	31.83 -0.20 0.00
PACKARD__115KV_DUPONT_184 80571	28.92 -0.25 0.00	24.13 -0.56 0.00	26.19 -0.38 0.00	25.65 -0.35 0.00	25.24 -0.33 0.00	27.91 -0.96 0.00	37.70 -2.30 0.00	42.27 -2.85 0.00	30.62 -1.49 0.00	24.72 -0.99 0.00	30.82 -0.63 0.00	32.44 -0.32 0.00	30.26 -0.54 0.00	28.78 -0.72 0.00	24.45 -0.88 0.04	20.04 -0.86 0.53	29.79 -1.77 0.00	54.03 -4.63 0.00	40.82 -3.26 0.00	35.86 -2.87 0.00	34.03 -3.02 0.78	35.73 -2.53 0.00	32.38 -1.35 0.00	31.83 -0.20 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.86 0.69 0.00	25.31 0.62 0.00	27.19 0.62 0.00	26.74 0.74 0.00	26.27 0.69 0.00	29.71 0.84 0.00	41.25 1.25 0.00	46.58 1.46 0.00	33.30 1.20 0.00	27.02 1.31 0.00	33.08 1.63 0.00	34.53 1.76 0.00	32.53 1.73 0.00	31.15 1.66 0.00	27.14 1.54 -0.23	26.37 1.35 -3.60	33.32 1.76 0.00	61.06 2.41 0.00	45.74 1.66 0.00	40.22 1.49 0.00	39.41 1.58 0.00	39.94 1.68 0.00	35.10 1.38 0.00	33.14 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.40 1.23 0.00	25.76 1.07 0.00	27.70 1.14 0.00	27.24 1.25 0.00	26.78 1.20 0.00	30.32 1.45 0.00	42.18 2.18 0.00	47.57 2.45 0.00	33.98 1.88 0.00	27.52 1.80 0.00	33.60 2.15 0.00	35.23 2.46 0.00	33.21 2.41 0.00	31.78 2.29 0.00	27.66 2.06 -0.23	26.80 1.79 -3.60	33.96 2.40 0.00	62.23 3.58 0.00	46.62 2.54 0.00	40.98 2.25 0.00	40.10 2.27 0.00	40.63 2.37 0.00	35.74 2.02 0.00	33.72 1.69 0.00
PATROON__115KV_TB1 80586	29.16 -0.02 0.00	24.82 0.13 0.00	26.69 0.12 0.00	26.13 0.14 0.00	25.73 0.15 0.00	29.10 0.23 0.00	40.37 0.37 0.00	45.70 0.58 0.00	32.49 0.39 0.00	26.04 0.33 0.00	31.77 0.32 0.00	33.06 0.30 0.00	31.06 0.26 0.00	29.76 0.26 0.00	25.73 0.31 -0.06	22.73 0.33 -0.98	32.08 0.52 0.00	59.54 0.89 0.00	44.58 0.50 0.00	39.20 0.47 0.00	38.43 0.60 0.00	38.74 0.48 0.00	34.15 0.43 0.00	32.33 0.30 0.00
PATTRSNVILLE___SOLAR 323815	29.65 0.48 0.00	25.11 0.42 0.00	27.01 0.44 0.00	26.44 0.45 0.00	26.02 0.45 0.00	29.44 0.57 0.00	40.89 0.90 0.00	46.15 1.04 0.00	32.49 0.39 0.00	25.83 0.12 0.00	31.53 0.08 0.00	32.84 0.07 0.00	30.87 0.06 0.00	29.56 0.06 0.00	25.50 0.09 -0.04	22.21 0.11 -0.67	31.83 0.27 0.00	59.64 0.98 0.00	45.08 1.00 0.00	39.69 0.96 0.00	38.80 0.97 0.00	39.17 0.91 0.00	34.50 0.78 0.00	32.69 0.66 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.13 -0.04 0.00	24.33 -0.36 0.00	26.43 -0.14 0.00	25.83 -0.16 0.00	25.41 -0.17 0.00	28.29 -0.58 0.00	38.52 -1.48 0.00	43.29 -1.83 0.00	31.18 -0.92 0.00	25.07 -0.64 0.00	31.25 -0.21 0.00	32.81 0.04 0.00	30.61 -0.19 0.00	29.14 -0.35 0.00	24.74 -0.58 0.04	20.24 -0.60 0.58	30.21 -1.34 0.00	55.32 -3.34 0.00	41.97 -2.11 0.00	36.76 -1.97 0.00	34.82 -2.17 0.84	36.45 -1.81 0.00	32.64 -1.09 0.00	31.88 -0.14 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.02 0.84 0.00	25.42 0.73 0.00	27.33 0.76 0.00	26.83 0.83 0.00	26.39 0.81 0.00	29.90 1.03 0.00	41.56 1.56 0.00	47.01 1.89 0.00	33.47 1.37 0.00	27.05 1.33 0.00	33.17 1.72 0.00	34.56 1.80 0.00	32.47 1.67 0.00	31.07 1.57 0.00	27.01 1.44 -0.21	25.87 1.28 -3.16	33.37 1.81 0.00	61.51 2.85 0.00	46.12 2.03 0.00	40.53 1.80 0.00	39.67 1.84 0.00	40.10 1.84 0.00	35.24 1.52 0.00	33.29 1.27 0.00
PEEKSKILL___ 23653	29.68 0.50 0.00	25.13 0.44 0.00	27.04 0.47 0.00	26.55 0.55 0.00	26.09 0.51 0.00	29.54 0.67 0.00	41.03 1.03 0.00	46.34 1.22 0.00	33.01 0.91 0.00	26.73 1.02 0.00	32.83 1.38 0.00	34.26 1.49 0.00	32.22 1.41 0.00	30.83 1.33 0.00	26.88 1.25 -0.26	26.53 1.11 -4.00	33.07 1.52 0.00	60.80 2.15 0.00	45.62 1.53 0.00	40.07 1.35 0.00	39.23 1.40 0.00	39.65 1.39 0.00	34.85 1.13 0.00	32.93 0.90 0.00
PGE MADISON___WINDPWR 24146	31.70 2.52 0.00	26.66 1.97 0.00	28.26 1.70 0.00	27.35 1.35 0.00	26.69 1.11 0.00	30.16 1.28 0.00	42.26 2.26 0.00	47.53 2.41 0.00	33.28 1.18 0.00	26.23 0.52 0.00	32.29 0.84 0.00	33.49 0.73 0.00	31.41 0.61 0.00	29.92 0.42 0.00	25.47 0.17 0.07	20.44 0.11 1.08	32.00 0.44 0.00	60.35 1.70 0.00	46.09 2.01 0.00	40.54 1.81 0.00	39.39 1.42 -0.14	39.41 1.15 0.00	34.68 0.95 0.00	33.08 1.06 0.00

PIERCEFIELD___HYD 23852	30.55 1.38 0.00	25.77 1.08 0.00	27.68 1.11 0.00	27.08 1.09 0.00	26.67 1.09 0.00	30.03 1.16 0.00	41.53 1.53 0.00	46.89 1.76 0.00	33.21 1.11 0.00	26.32 0.61 0.00	31.98 0.53 0.00	33.20 0.44 0.00	31.31 0.51 0.00	29.95 0.45 0.00	25.68 0.31 0.00	21.52 0.09 0.00	31.65 0.09 0.00	59.56 0.90 0.00	45.24 1.15 0.00	39.55 0.82 0.00	38.51 0.68 0.00	39.30 1.04 0.00	34.69 0.97 0.00	32.81 0.78 0.00
PINELAWN_CC_1 323563	29.76 0.59 0.00	25.10 0.41 0.00	26.88 0.32 0.00	26.39 0.40 0.00	25.88 0.30 0.00	29.45 0.58 0.00	36.22 0.66 4.44	44.47 0.77 1.42	28.31 0.56 4.36	26.71 1.00 0.00	33.03 1.59 0.01	34.38 1.62 0.00	33.15 1.43 -0.91	31.00 1.51 0.00	27.31 1.47 -0.48	26.25 1.24 -3.59	32.96 1.41 0.00	60.45 1.80 0.00	45.32 1.24 0.00	39.84 1.12 0.00	39.01 1.18 0.00	39.44 1.18 0.00	34.76 1.03 0.00	32.68 0.65 0.00
PJM_GEN_HTTP_PROXY 323702	29.89 0.72 0.00	25.31 0.63 0.00	27.21 0.64 0.00	26.73 0.74 0.00	26.27 0.69 0.00	29.72 0.84 0.00	45.15 1.24 -3.91	46.56 1.44 0.00	33.18 1.08 0.00	26.96 1.25 0.00	33.16 1.71 0.00	34.60 1.84 0.00	32.56 1.76 0.00	31.17 1.67 0.00	27.14 1.54 -0.23	26.38 1.36 -3.60	33.38 1.83 0.00	61.18 2.52 0.00	45.82 1.73 0.00	40.22 1.50 0.00	39.40 1.57 0.00	39.89 1.63 0.00	35.10 1.38 0.00	33.87 1.12 -0.72
PJM_GEN_KEystone 24065	32.19 0.01 -3.01	24.52 -0.10 0.07	26.50 0.02 0.08	26.06 0.07 0.00	25.62 0.05 0.00	28.63 -0.06 0.19	43.63 -0.28 -3.91	44.72 -0.40 0.00	31.92 -0.21 -0.03	25.74 0.02 0.00	31.52 0.38 0.30	40.10 0.63 -6.70	31.30 0.50 0.00	29.88 0.38 0.00	25.75 0.24 -0.14	23.78 0.18 -2.18	30.40 0.02 1.17	58.03 -0.62 0.00	43.76 -0.32 0.00	38.36 -0.37 0.00	37.21 -0.40 0.22	39.68 -0.29 -1.70	31.90 -0.19 1.63	33.17 0.10 -1.05
PJM_GEN_NEPTUNE_PROXY 323594	27.30 0.45 2.32	24.99 0.31 0.01	26.78 0.21 0.00	26.30 0.30 0.00	25.80 0.22 0.00	26.58 0.49 2.78	34.67 0.51 5.85	43.64 0.55 2.03	26.35 0.44 6.18	26.60 0.89 0.01	27.33 1.47 5.59	25.68 1.54 8.63	31.26 1.34 0.88	30.86 1.38 0.01	26.93 1.32 -0.25	26.08 1.07 -3.59	32.76 1.21 0.00	60.08 1.42 0.00	45.03 0.95 0.00	39.55 0.82 0.00	38.75 0.91 0.00	39.19 0.94 0.00	34.54 0.82 0.00	33.24 0.49 -0.72
PJM_GEN_VFT_PROXY 323633	25.79 0.59 3.97	24.17 0.51 1.04	25.98 0.52 1.11	26.62 0.63 0.00	26.15 0.58 0.00	29.55 0.68 0.00	44.92 1.01 -3.91	46.30 1.18 0.00	33.02 0.92 0.00	26.84 1.13 0.00	33.04 1.58 0.00	34.48 1.72 0.00	32.46 1.67 0.00	31.07 1.58 0.00	27.06 1.46 -0.23	26.32 1.29 -3.60	33.29 1.73 0.00	60.96 2.31 0.00	45.66 1.57 0.00	40.09 1.36 0.00	39.27 1.44 0.00	39.77 1.51 0.00	34.98 1.26 0.00	33.75 1.00 -0.72
PLATSBURG_115KV_PMLD1 355749	30.55 1.38 0.00	25.89 1.20 0.00	27.95 1.39 0.00	27.29 1.30 0.00	26.83 1.26 0.00	30.18 1.31 0.00	41.61 1.61 0.00	46.99 1.87 0.00	33.32 1.22 0.00	26.51 0.80 0.00	32.31 0.86 0.00	33.61 0.85 0.00	31.77 0.97 0.00	30.50 1.00 0.00	26.21 0.85 0.00	22.15 0.73 0.00	32.70 1.15 0.00	61.47 2.82 0.00	46.27 2.19 0.00	40.17 1.44 0.00	39.04 1.21 0.00	39.40 1.14 0.00	34.72 1.00 0.00	32.40 0.38 0.00
PLEASANTVLY___LBMP 24000	29.61 0.44 0.00	25.11 0.42 0.00	27.01 0.44 0.00	26.51 0.51 0.00	26.07 0.49 0.00	29.51 0.64 0.00	40.97 0.97 0.00	46.31 1.19 0.00	32.99 0.88 0.00	26.68 0.97 0.00	32.74 1.28 0.00	34.12 1.36 0.00	32.05 1.25 0.00	30.67 1.17 0.00	26.64 1.11 -0.17	24.99 0.99 -2.58	32.91 1.35 0.00	60.63 1.97 0.00	45.43 1.35 0.00	39.93 1.20 0.00	39.12 1.29 0.00	39.53 1.27 0.00	34.78 1.06 0.00	32.88 0.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.81 0.64 0.00	25.26 0.57 0.00	27.16 0.59 0.00	26.67 0.67 0.00	26.22 0.64 0.00	29.67 0.80 0.00	41.18 1.18 0.00	46.53 1.41 0.00	33.16 1.06 0.00	26.87 1.16 0.00	33.00 1.55 0.00	34.42 1.65 0.00	32.35 1.55 0.00	30.96 1.47 0.00	26.94 1.36 -0.22	25.94 1.20 -3.31	33.20 1.64 0.00	61.02 2.36 0.00	45.72 1.64 0.00	40.17 1.44 0.00	39.35 1.52 0.00	39.79 1.53 0.00	35.01 1.29 0.00	33.07 1.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.81 0.64 0.00	25.26 0.57 0.00	27.16 0.59 0.00	26.67 0.67 0.00	26.22 0.64 0.00	29.67 0.80 0.00	41.18 1.18 0.00	46.53 1.41 0.00	33.16 1.06 0.00	26.87 1.16 0.00	33.00 1.55 0.00	34.42 1.65 0.00	32.35 1.55 0.00	30.96 1.47 0.00	26.94 1.36 -0.22	25.94 1.20 -3.31	33.20 1.64 0.00	61.02 2.36 0.00	45.72 1.64 0.00	40.17 1.44 0.00	39.35 1.52 0.00	39.79 1.53 0.00	35.01 1.29 0.00	33.07 1.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.82 0.65 0.00	25.28 0.59 0.00	27.18 0.62 0.00	26.67 0.68 0.00	26.23 0.65 0.00	29.71 0.84 0.00	41.29 1.29 0.00	46.70 1.58 0.00	33.24 1.14 0.00	26.85 1.14 0.00	32.90 1.45 0.00	34.28 1.51 0.00	32.17 1.37 0.00	30.79 1.30 0.00	26.76 1.21 -0.19	25.46 1.08 -2.96	33.09 1.54 0.00	61.08 2.43 0.00	45.93 1.84 0.00	40.38 1.65 0.00	39.54 1.70 0.00	39.93 1.67 0.00	35.12 1.39 0.00	33.19 1.16 0.00
POLETTI_____ 23519	29.47 0.30 0.00	25.06 0.37 0.00	26.84 0.28 0.00	26.41 0.42 0.00	25.92 0.34 0.00	29.31 0.44 0.00	40.68 0.69 0.01	45.95 0.83 0.00	32.85 0.75 0.01	26.68 0.97 0.00	32.69 1.23 0.00	34.07 1.30 0.00	32.08 1.29 0.00	30.73 1.24 0.00	26.90 1.30 -0.23	26.17 1.15 -3.60	32.88 1.33 0.00	60.19 1.53 0.00	45.12 1.03 0.00	39.65 0.93 0.01	38.89 1.06 0.00	39.43 1.18 0.00	34.65 0.93 0.00	32.56 0.62 0.08
POMONA___ESR 323819	29.68 0.51 0.00	25.13 0.44 0.00	27.04 0.48 0.00	26.56 0.57 0.00	26.11 0.53 0.00	29.57 0.70 0.00	41.10 1.10 0.00	46.41 1.29 0.00	33.05 0.95 0.00	26.73 1.02 0.00	32.84 1.39 0.00	34.29 1.52 0.00	32.25 1.45 0.00	30.86 1.36 0.00	26.95 1.27 -0.31	27.34 1.13 -4.78	33.12 1.57 0.00	60.91 2.26 0.00	45.68 1.60 0.00	40.13 1.40 0.00	39.28 1.45 0.00	39.71 1.45 0.00	34.87 1.15 0.00	32.96 0.94 0.00
PORT_JEFF_3 23555	28.07 0.37 1.47	24.92 0.23 0.00	26.67 0.11 0.00	26.19 0.20 0.00	25.70 0.13 0.00	27.47 0.36 1.76	32.47 0.34 7.87	43.69 0.39 1.82	26.85 0.31 5.57	26.52 0.81 0.00	28.93 1.29 3.81	28.65 1.36 5.48	31.87 1.30 0.23	30.84 1.35 0.00	26.97 1.27 -0.33	26.19 1.18 -3.59	32.83 1.28 0.00	60.14 1.49 0.00	45.00 0.92 0.00	39.54 0.82 0.00	38.76 0.92 0.00	39.16 0.90 0.00	34.54 0.82 0.00	32.43 0.40 0.00
PORT_JEFF_4 23616	28.07 0.37 1.47	24.92 0.23 0.00	26.67 0.11 0.00	26.19 0.20 0.00	25.70 0.13 0.00	27.47 0.36 1.76	32.47 0.34 7.87	43.69 0.39 1.82	26.85 0.31 5.57	26.52 0.81 0.00	28.93 1.29 3.81	28.65 1.36 5.48	31.87 1.30 0.23	30.84 1.35 0.00	26.97 1.27 -0.33	26.19 1.18 -3.59	32.83 1.28 0.00	60.14 1.49 0.00	45.00 0.92 0.00	39.54 0.82 0.00	38.76 0.92 0.00	39.16 0.90 0.00	34.54 0.82 0.00	32.43 0.40 0.00

PORT_JEFF_IC 23713	28.19 0.42 1.39	24.94 0.26 0.00	26.70 0.14 0.00	26.22 0.23 0.00	25.73 0.15 0.00	27.59 0.39 1.67	32.69 0.38 7.69	43.77 0.45 1.80	26.94 0.35 5.51	26.55 0.84 0.00	29.15 1.33 3.63	28.98 1.40 5.19	31.96 1.33 0.17	30.87 1.38 0.00	27.00 1.29 -0.34	26.20 1.19 -3.59	32.86 1.30 0.00	60.21 1.56 0.00	45.07 0.99 0.00	39.62 0.89 0.00	38.82 0.99 0.00	39.22 0.96 0.00	34.58 0.86 0.00	32.48 0.46 0.00
PPL PILGRIM_ST_GT1 24216	28.82 0.66 1.01	25.17 0.48 0.00	26.95 0.39 0.00	26.47 0.47 0.00	25.94 0.36 0.00	28.28 0.62 1.21	33.84 0.69 6.85	44.16 0.76 1.71	27.43 0.56 5.24	26.78 1.07 0.00	30.63 1.64 2.47	30.66 1.67 3.77	32.50 1.57 -0.12	31.11 1.62 0.00	27.25 1.51 -0.38	26.34 1.33 -3.59	33.04 1.49 0.00	60.57 1.92 0.00	45.41 1.32 0.00	39.90 1.17 0.00	39.09 1.26 0.00	39.53 1.27 0.00	34.84 1.11 0.00	32.76 0.74 0.00
PPL PILGRIM_ST_GT2 24217	28.82 0.66 1.01	25.17 0.48 0.00	26.95 0.39 0.00	26.47 0.47 0.00	25.94 0.36 0.00	28.28 0.62 1.21	33.84 0.69 6.85	44.16 0.76 1.71	27.43 0.56 5.24	26.78 1.07 0.00	30.63 1.64 2.47	30.66 1.67 3.77	32.50 1.57 -0.12	31.11 1.62 0.00	27.25 1.51 -0.38	26.34 1.33 -3.59	33.04 1.49 0.00	60.57 1.92 0.00	45.41 1.32 0.00	39.90 1.17 0.00	39.09 1.26 0.00	39.53 1.27 0.00	34.84 1.11 0.00	32.76 0.74 0.00
PPL_SHRM_GT3 24213	27.78 0.04 1.43	24.64 -0.05 0.00	26.35 -0.21 0.00	25.90 -0.09 0.00	25.42 -0.16 0.00	27.21 0.05 1.71	32.16 -0.07 7.78	43.28 -0.02 1.81	26.55 -0.01 5.54	26.23 0.52 0.00	28.61 0.87 3.71	28.38 0.95 5.33	31.64 1.04 0.20	30.58 1.09 0.00	26.66 0.97 -0.34	26.04 1.03 -3.59	32.63 1.08 0.00	59.78 1.13 0.00	44.59 0.51 0.00	39.19 0.46 0.00	38.40 0.57 0.00	38.77 0.51 0.00	34.18 0.46 0.00	32.06 0.04 0.00
PPL_SHRM_GT4 24214	27.78 0.04 1.43	24.64 -0.05 0.00	26.35 -0.21 0.00	25.90 -0.09 0.00	25.42 -0.16 0.00	27.21 0.05 1.71	32.16 -0.07 7.78	43.28 -0.02 1.81	26.55 -0.01 5.54	26.23 0.52 0.00	28.61 0.87 3.71	28.38 0.95 5.33	31.64 1.04 0.20	30.58 1.09 0.00	26.66 0.97 -0.34	26.04 1.03 -3.59	32.63 1.08 0.00	59.78 1.13 0.00	44.59 0.51 0.00	39.19 0.46 0.00	38.40 0.57 0.00	38.77 0.51 0.00	34.18 0.46 0.00	32.06 0.04 0.00
PROJECT___ORANGE 1 24174	28.75 -0.43 0.00	24.29 -0.40 0.00	26.13 -0.43 0.00	25.58 -0.41 0.00	25.18 -0.39 0.00	28.44 -0.43 0.00	39.46 -0.54 0.00	44.53 -0.59 0.00	31.63 -0.47 0.00	25.26 -0.45 0.00	30.91 -0.54 0.00	32.23 -0.54 0.00	30.27 -0.53 0.00	28.98 -0.51 0.00	24.89 -0.48 0.00	21.04 -0.38 0.00	31.01 -0.55 0.00	57.77 -0.89 0.00	43.48 -0.60 0.00	38.19 -0.54 0.00	37.28 -0.55 0.00	37.75 -0.51 0.00	33.26 -0.46 0.00	31.69 -0.34 0.00
PROJECT___ORANGE 2 24166	28.75 -0.43 0.00	24.29 -0.40 0.00	26.13 -0.43 0.00	25.58 -0.41 0.00	25.18 -0.39 0.00	28.44 -0.43 0.00	39.46 -0.54 0.00	44.53 -0.59 0.00	31.63 -0.47 0.00	25.26 -0.45 0.00	30.91 -0.54 0.00	32.23 -0.54 0.00	30.27 -0.53 0.00	28.98 -0.51 0.00	24.89 -0.48 0.00	21.04 -0.38 0.00	31.01 -0.55 0.00	57.77 -0.89 0.00	43.48 -0.60 0.00	38.19 -0.54 0.00	37.28 -0.55 0.00	37.75 -0.51 0.00	33.26 -0.46 0.00	31.69 -0.34 0.00
PUCKETT___SOLAR 323809	31.61 2.43 0.00	26.60 1.91 0.00	27.98 1.41 0.00	26.90 0.90 0.00	26.27 0.69 0.00	29.73 0.86 0.00	41.71 1.71 0.00	46.80 1.68 0.00	32.80 0.70 0.00	25.92 0.21 0.00	31.85 0.39 0.00	32.69 -0.07 0.00	30.60 -0.20 0.00	29.18 -0.31 0.00	24.93 -0.35 0.08	19.96 -0.30 1.15	31.21 -0.34 0.00	58.45 -0.21 0.00	44.23 0.14 0.00	38.85 0.12 0.00	37.93 0.09 0.00	38.20 -0.07 0.00	33.65 -0.07 0.00	32.16 0.13 0.00
PYRITES___HYD 24023	30.99 1.82 0.00	26.15 1.46 0.00	28.08 1.52 0.00	27.50 1.51 0.00	27.06 1.49 0.00	30.51 1.64 0.00	42.24 2.24 0.00	47.66 2.54 0.00	33.60 1.50 0.00	26.47 0.76 0.00	32.16 0.70 0.00	33.41 0.65 0.00	31.48 0.68 0.00	30.10 0.61 0.00	25.82 0.46 0.00	21.64 0.22 0.00	31.86 0.31 0.00	60.12 1.46 0.00	45.99 1.90 0.00	40.33 1.60 0.00	39.26 1.43 0.00	39.97 1.71 0.00	35.26 1.54 0.00	33.38 1.35 0.00
QUAKERRD_115KV_BK1 80622	28.71 -0.46 0.00	24.09 -0.60 0.00	26.03 -0.53 0.00	25.50 -0.49 0.00	25.12 -0.46 0.00	28.18 -0.69 0.00	38.76 -1.24 0.00	43.68 -1.44 0.00	31.22 -0.88 0.00	24.97 -0.74 0.00	30.74 -0.71 0.00	32.12 -0.65 0.00	30.02 -0.78 0.00	28.62 -0.89 0.00	24.48 -0.88 0.00	20.65 -0.77 0.00	30.37 -1.19 0.00	56.41 -2.25 0.00	42.55 -1.53 0.00	37.39 -1.34 0.00	36.41 -1.42 0.00	36.96 -1.30 0.00	32.75 -0.97 0.00	31.44 -0.59 0.00
QUENSBRY_115KV_TB8 356137	29.98 0.81 0.00	25.44 0.75 0.00	27.46 0.89 0.00	26.91 0.91 0.00	26.52 0.94 0.00	30.07 1.20 0.00	41.94 1.95 0.00	47.57 2.45 0.00	33.54 1.44 0.00	26.56 0.85 0.00	32.27 0.81 0.00	33.51 0.74 0.00	31.33 0.53 0.00	30.00 0.51 0.00	25.94 0.52 -0.06	22.86 0.58 -0.86	32.79 1.23 0.00	61.34 2.68 0.00	45.94 1.85 0.00	40.49 1.76 0.00	39.58 1.75 0.00	39.81 1.55 0.00	35.30 1.58 0.00	33.35 1.32 0.00
RAMAPO___LBMP 323565	29.55 0.38 0.00	25.03 0.34 0.00	26.93 0.37 0.00	26.45 0.45 0.00	26.00 0.42 0.00	29.45 0.58 0.00	40.92 0.92 0.00	46.20 1.08 0.00	32.90 0.80 0.00	26.59 0.88 0.00	32.66 1.21 0.00	34.11 1.34 0.00	32.09 1.29 0.00	30.70 1.20 0.00	26.80 1.13 -0.31	27.18 1.01 -4.74	32.95 1.39 0.00	60.60 1.94 0.00	45.50 1.41 0.00	39.97 1.24 0.00	39.11 1.28 0.00	39.54 1.27 0.00	34.73 1.00 0.00	32.83 0.80 0.00
RANKINE____ 23646	29.23 0.06 0.00	24.39 -0.30 0.00	26.46 -0.10 0.00	25.86 -0.14 0.00	25.43 -0.15 0.00	28.30 -0.57 0.00	38.51 -1.49 0.00	43.24 -1.87 0.00	31.18 -0.93 0.00	25.09 -0.63 0.00	31.25 -0.21 0.00	32.82 0.05 0.00	30.65 -0.15 0.00	29.17 -0.33 0.00	24.76 -0.56 0.04	20.28 -0.56 0.57	30.25 -1.30 0.00	55.37 -3.28 0.00	42.01 -2.07 0.00	36.79 -1.93 0.00	34.70 -2.18 0.95	36.45 -1.81 0.00	32.69 -1.03 0.00	32.01 -0.02 0.00
RAVENSWOOD_GT2_1 24244	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.46 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.17 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.84 1.75 0.00	40.26 1.53 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00
RAVENSWOOD_GT2_2 24245	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.46 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.17 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.84 1.75 0.00	40.26 1.53 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00

RAVENSWOOD_GT2_3 24246	29.93 0.76 0.00	25.35 0.66 0.00	27.24 0.67 0.00	26.76 0.77 0.00	26.30 0.72 0.00	29.75 0.88 0.00	41.28 1.28 0.00	46.60 1.48 0.00	33.25 1.15 0.00	27.01 1.30 0.00	33.20 1.75 0.00	34.65 1.89 0.00	32.61 1.81 0.00	31.21 1.72 0.00	27.18 1.59 -0.23	26.41 1.39 -3.60	33.43 1.88 0.00	61.25 2.59 0.00	45.86 1.78 0.00	40.27 1.54 0.00	39.45 1.62 0.00	39.95 1.69 0.00	35.15 1.43 0.00	33.19 1.16 0.00
RAVENSWOOD_GT2_4 24247	29.93 0.76 0.00	25.35 0.66 0.00	27.24 0.67 0.00	26.76 0.77 0.00	26.30 0.72 0.00	29.75 0.88 0.00	41.28 1.28 0.00	46.60 1.48 0.00	33.25 1.15 0.00	27.01 1.30 0.00	33.20 1.75 0.00	34.65 1.89 0.00	32.61 1.81 0.00	31.21 1.72 0.00	27.18 1.59 -0.23	26.41 1.39 -3.60	33.43 1.88 0.00	61.25 2.59 0.00	45.86 1.78 0.00	40.27 1.54 0.00	39.45 1.62 0.00	39.95 1.69 0.00	35.15 1.43 0.00	33.19 1.16 0.00
RAVENSWOOD_GT3_1 24248	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.67 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.47 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.80 0.00	31.20 1.70 0.00	27.17 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.84 1.76 0.00	40.26 1.53 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00
RAVENSWOOD_GT3_2 24249	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.67 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.47 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.80 0.00	31.20 1.70 0.00	27.17 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.84 1.76 0.00	40.26 1.53 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00
RAVENSWOOD_GT3_3 24250	29.96 0.78 0.00	25.36 0.68 0.00	27.26 0.69 0.00	26.79 0.79 0.00	26.32 0.74 0.00	29.78 0.90 0.00	41.32 1.32 0.00	46.65 1.53 0.00	33.28 1.18 0.00	27.04 1.33 0.00	33.24 1.78 0.00	34.70 1.93 0.00	32.64 1.85 0.00	31.24 1.75 0.00	27.21 1.62 -0.23	26.44 1.42 -3.60	33.47 1.92 0.00	61.31 2.65 0.00	45.91 1.83 0.00	40.32 1.59 0.00	39.49 1.66 0.00	40.00 1.74 0.00	35.19 1.47 0.00	33.22 1.20 0.00
RAVENSWOOD_GT3_4 24251	29.96 0.78 0.00	25.36 0.68 0.00	27.26 0.69 0.00	26.79 0.79 0.00	26.32 0.74 0.00	29.78 0.90 0.00	41.32 1.32 0.00	46.65 1.53 0.00	33.28 1.18 0.00	27.04 1.33 0.00	33.24 1.78 0.00	34.70 1.93 0.00	32.64 1.85 0.00	31.24 1.75 0.00	27.21 1.62 -0.23	26.44 1.42 -3.60	33.47 1.92 0.00	61.31 2.65 0.00	45.91 1.83 0.00	40.32 1.59 0.00	39.49 1.66 0.00	40.00 1.74 0.00	35.19 1.47 0.00	33.22 1.20 0.00
RAVENSWOOD_GT_1 23729	29.96 0.79 0.00	25.38 0.69 0.00	27.27 0.71 0.00	26.82 0.83 0.00	26.36 0.78 0.00	29.81 0.94 0.00	41.30 1.30 0.00	46.59 1.47 0.00	33.30 1.20 0.00	27.09 1.38 0.00	33.27 1.81 0.00	34.71 1.94 0.00	32.68 1.88 0.00	31.28 1.78 0.00	27.25 1.65 -0.23	26.47 1.45 -3.60	33.49 1.93 0.00	61.19 2.54 0.00	45.78 1.70 0.00	40.22 1.50 0.00	39.44 1.61 0.00	40.00 1.74 0.00	35.20 1.48 0.00	33.22 1.20 0.00
RAVENSWOOD_GT_10 24258	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.67 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.47 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.16 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.86 1.77 0.00	40.26 1.54 0.00	39.44 1.61 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00
RAVENSWOOD_GT_11 24259	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.67 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.47 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.16 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.86 1.77 0.00	40.26 1.54 0.00	39.44 1.61 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00
RAVENSWOOD_GT_4 24252	29.92 0.74 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.74 0.75 0.00	26.28 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.59 1.48 0.00	33.22 1.11 0.00	26.98 1.27 0.00	33.18 1.72 0.00	34.63 1.86 0.00	32.58 1.79 0.00	31.18 1.69 0.00	27.16 1.56 -0.23	26.39 1.37 -3.60	33.42 1.86 0.00	61.24 2.58 0.00	45.87 1.78 0.00	40.27 1.54 0.00	39.45 1.62 0.00	39.93 1.67 0.00	35.14 1.41 0.00	33.18 1.15 0.00
RAVENSWOOD_GT_5 24254	29.92 0.74 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.74 0.75 0.00	26.28 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.59 1.48 0.00	33.22 1.11 0.00	26.98 1.27 0.00	33.18 1.72 0.00	34.63 1.86 0.00	32.58 1.79 0.00	31.18 1.69 0.00	27.16 1.56 -0.23	26.39 1.37 -3.60	33.42 1.86 0.00	61.24 2.58 0.00	45.87 1.78 0.00	40.27 1.54 0.00	39.45 1.62 0.00	39.93 1.67 0.00	35.14 1.41 0.00	33.18 1.15 0.00
RAVENSWOOD_GT_6 24253	29.92 0.74 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.74 0.75 0.00	26.28 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.59 1.48 0.00	33.22 1.11 0.00	26.98 1.27 0.00	33.18 1.72 0.00	34.63 1.86 0.00	32.58 1.79 0.00	31.18 1.69 0.00	27.16 1.56 -0.23	26.39 1.37 -3.60	33.42 1.86 0.00	61.24 2.58 0.00	45.87 1.78 0.00	40.27 1.54 0.00	39.45 1.62 0.00	39.93 1.67 0.00	35.14 1.41 0.00	33.18 1.15 0.00
RAVENSWOOD_GT_7 24255	29.92 0.74 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.74 0.75 0.00	26.28 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.59 1.48 0.00	33.22 1.11 0.00	26.98 1.27 0.00	33.18 1.72 0.00	34.63 1.86 0.00	32.58 1.79 0.00	31.18 1.69 0.00	27.16 1.56 -0.23	26.39 1.37 -3.60	33.42 1.86 0.00	61.24 2.58 0.00	45.87 1.78 0.00	40.27 1.54 0.00	39.45 1.62 0.00	39.93 1.67 0.00	35.14 1.41 0.00	33.18 1.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.67 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.47 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.16 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.86 1.77 0.00	40.26 1.54 0.00	39.44 1.61 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00
RAVENSWOOD_GT_9 24257	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.67 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.73 0.86 0.00	41.26 1.26 0.00	46.58 1.47 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.16 1.57 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.86 1.77 0.00	40.26 1.54 0.00	39.44 1.61 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.18 1.16 0.00

RAVENSWOOD___1 23533	29.95 0.78 0.00	25.36 0.67 0.00	27.26 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.80 0.93 0.00	41.29 1.29 0.00	46.57 1.45 0.00	33.28 1.18 0.00	27.06 1.35 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.65 1.85 0.00	31.26 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.91 0.00	61.16 2.51 0.00	45.77 1.69 0.00	40.22 1.49 0.00	39.42 1.59 0.00	39.96 1.70 0.00	35.17 1.45 0.00	33.20 1.17 0.00
RAVENSWOOD___2 23534	29.89 0.72 0.00	25.32 0.63 0.00	27.22 0.65 0.00	26.76 0.77 0.00	26.30 0.72 0.00	29.75 0.88 0.00	41.16 1.16 0.00	46.28 1.17 0.00	33.06 0.95 0.00	26.92 1.21 0.00	33.15 1.69 0.00	34.63 1.86 0.00	32.61 1.81 0.00	31.21 1.71 0.00	27.19 1.59 -0.23	26.41 1.39 -3.60	33.41 1.85 0.00	60.93 2.28 0.00	45.47 1.38 0.00	39.93 1.20 0.00	39.15 1.32 0.00	39.77 1.51 0.00	35.10 1.37 0.00	33.15 1.12 0.00
RAVENSWOOD___3 23535	29.92 0.75 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.75 0.76 0.00	26.29 0.71 0.00	29.74 0.87 0.00	41.26 1.26 0.00	46.58 1.46 0.00	33.23 1.13 0.00	26.99 1.28 0.00	33.19 1.74 0.00	34.63 1.87 0.00	32.59 1.79 0.00	31.20 1.70 0.00	27.18 1.58 -0.23	26.40 1.38 -3.60	33.42 1.86 0.00	61.23 2.57 0.00	45.85 1.77 0.00	40.26 1.53 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.14 1.42 0.00	33.18 1.16 0.00
RAVENSWOOD___4 23820	29.95 0.78 0.00	25.36 0.67 0.00	27.26 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.80 0.93 0.00	41.29 1.29 0.00	46.57 1.45 0.00	33.28 1.18 0.00	27.06 1.35 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.65 1.85 0.00	31.26 1.77 0.00	27.23 1.63 -0.23	26.45 1.43 -3.60	33.46 1.91 0.00	61.16 2.51 0.00	45.77 1.69 0.00	40.22 1.49 0.00	39.42 1.59 0.00	39.96 1.70 0.00	35.17 1.45 0.00	33.20 1.17 0.00
RCPL_TRUST___DRP 24196	29.94 0.76 0.00	25.35 0.65 0.00	27.24 0.67 0.00	26.76 0.77 0.00	26.30 0.72 0.00	29.75 0.88 0.00	41.29 1.29 0.00	46.62 1.50 0.00	33.22 1.12 0.00	27.00 1.29 0.00	33.22 1.77 0.00	34.67 1.90 0.00	32.63 1.83 0.00	31.23 1.73 0.00	27.19 1.59 -0.23	26.42 1.40 -3.60	33.45 1.89 0.00	61.29 2.63 0.00	45.88 1.80 0.00	40.27 1.54 0.00	39.45 1.62 0.00	39.95 1.69 0.00	35.15 1.43 0.00	33.19 1.17 0.00
RED___ROCHESTER 323720	29.46 0.28 0.00	24.68 -0.01 0.00	26.68 0.12 0.00	26.12 0.13 0.00	25.73 0.16 0.00	28.84 -0.04 0.00	39.64 -0.36 0.00	44.71 -0.41 0.00	31.99 -0.11 0.00	25.58 -0.13 0.00	31.55 0.09 0.00	32.97 0.20 0.00	30.81 0.01 0.00	29.35 -0.15 0.00	25.09 -0.27 0.00	21.16 -0.27 0.00	31.08 -0.48 0.00	57.62 -1.03 0.00	43.55 -0.54 0.00	38.24 -0.49 0.00	37.20 -0.63 0.00	37.78 -0.48 0.00	33.52 -0.20 0.00	32.26 0.23 0.00
REGAN___SOLAR 323812	30.00 0.83 0.00	25.36 0.68 0.00	27.29 0.73 0.00	26.70 0.70 0.00	26.28 0.70 0.00	29.75 0.88 0.00	41.41 1.41 0.00	46.72 1.60 0.00	32.45 0.34 0.00	25.28 -0.43 0.00	30.70 -0.75 0.00	31.99 -0.77 0.00	30.11 -0.70 0.00	28.82 -0.68 0.00	24.84 -0.55 -0.03	21.47 -0.44 -0.49	31.20 -0.36 0.00	59.70 1.05 0.00	45.64 1.55 0.00	40.25 1.53 0.00	39.26 1.43 0.00	39.63 1.37 0.00	34.88 1.16 0.00	33.03 1.00 0.00
RENSSELAER___COGEN 23796	29.00 -0.17 0.00	24.70 0.01 0.00	26.55 -0.01 0.00	26.00 0.01 0.00	25.59 0.02 0.00	28.96 0.08 0.00	40.14 0.14 0.00	45.43 0.31 0.00	32.32 0.22 0.00	25.92 0.21 0.00	31.63 0.18 0.00	32.91 0.14 0.00	30.93 0.13 0.00	29.63 0.13 0.00	25.62 0.19 -0.07	22.65 0.22 -1.01	31.89 0.34 0.00	59.14 0.48 0.00	44.30 0.21 0.00	38.96 0.23 0.00	38.21 0.38 0.00	38.53 0.27 0.00	33.98 0.25 0.00	32.17 0.14 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.67 2.49 0.00	26.78 2.09 0.00	29.01 2.44 0.00	28.57 2.58 0.00	28.05 2.47 0.00	31.98 3.11 0.00	44.85 4.85 0.00	51.09 5.97 0.00	35.69 3.59 0.00	27.99 2.28 0.00	33.87 2.42 0.00	35.16 2.39 0.00	32.63 1.83 0.00	31.21 1.72 0.00	27.07 1.65 -0.06	23.93 1.64 -0.87	34.61 3.05 0.00	64.99 6.33 0.00	48.51 4.42 0.00	42.90 4.17 0.00	41.82 3.98 0.00	41.94 3.68 0.00	37.59 3.87 0.00	35.35 3.32 0.00
REVERE_CPPR_DRP 24186	30.13 0.95 0.00	25.43 0.74 0.00	27.32 0.75 0.00	26.73 0.73 0.00	26.34 0.76 0.00	29.79 0.92 0.00	41.41 1.41 0.00	46.78 1.67 0.00	33.04 0.94 0.00	26.06 0.35 0.00	31.69 0.24 0.00	32.94 0.17 0.00	30.97 0.17 0.00	29.71 0.21 0.00	25.54 0.18 0.00	21.55 0.13 0.00	31.99 0.44 0.00	60.37 1.72 0.00	45.71 1.63 0.00	40.05 1.32 0.00	38.98 1.15 0.00	39.37 1.11 0.00	34.58 0.86 0.00	32.77 0.75 0.00
REYNLDPA_13_KV_LD 356490	29.99 0.81 0.00	25.33 0.64 0.00	27.27 0.70 0.00	26.67 0.68 0.00	26.23 0.66 0.00	29.54 0.67 0.00	40.82 0.82 0.00	46.00 0.88 0.00	32.77 0.67 0.00	26.25 0.54 0.00	32.10 0.65 0.00	33.44 0.67 0.00	31.46 0.67 0.00	30.12 0.62 0.00	25.86 0.50 0.00	21.76 0.34 0.00	32.06 0.51 0.00	59.68 1.02 0.00	44.89 0.80 0.00	39.44 0.71 0.00	38.41 0.58 0.00	38.93 0.67 0.00	34.37 0.65 0.00	32.61 0.58 0.00
REYNOLDS_115KV_TB3 80639	29.20 0.03 0.00	24.85 0.16 0.00	26.74 0.17 0.00	26.18 0.19 0.00	25.76 0.19 0.00	29.16 0.29 0.00	40.44 0.44 0.00	45.77 0.64 0.00	32.55 0.45 0.00	26.11 0.40 0.00	31.87 0.41 0.00	33.15 0.38 0.00	31.12 0.32 0.00	29.82 0.32 0.00	25.79 0.36 -0.07	22.82 0.36 -1.03	32.12 0.56 0.00	59.60 0.94 0.00	44.62 0.54 0.00	39.25 0.52 0.00	38.50 0.67 0.00	38.81 0.55 0.00	34.22 0.50 0.00	32.38 0.35 0.00
RIVERBAY____ 323610	30.40 1.23 0.00	25.76 1.07 0.00	27.70 1.14 0.00	27.24 1.25 0.00	26.78 1.20 0.00	30.32 1.45 0.00	42.18 2.18 0.00	47.57 2.45 0.00	33.98 1.88 0.00	27.52 1.80 0.00	33.60 2.15 0.00	35.23 2.46 0.00	33.21 2.41 0.00	31.78 2.29 0.00	27.66 2.06 -0.23	26.80 1.79 -3.60	33.96 2.40 0.00	62.23 3.58 0.00	46.62 2.54 0.00	40.98 2.25 0.00	40.10 2.27 0.00	40.63 2.37 0.00	35.74 2.02 0.00	33.72 1.69 0.00
RIVERSDE_115KV_TB3 55908	29.12 -0.05 0.00	24.79 0.10 0.00	26.66 0.09 0.00	26.10 0.11 0.00	25.71 0.12 0.00	29.08 0.21 0.00	40.32 0.32 0.00	45.65 0.53 0.00	32.45 0.35 0.00	26.04 0.32 0.00	31.77 0.32 0.00	33.04 0.28 0.00	31.05 0.25 0.00	29.74 0.24 0.00	25.72 0.29 -0.07	22.75 0.31 -1.01	32.04 0.48 0.00	59.46 0.81 0.00	44.50 0.41 0.00	39.14 0.41 0.00	38.39 0.55 0.00	38.69 0.43 0.00	34.12 0.39 0.00	32.29 0.26 0.00
ROARING___BROOK_WT_PWR 323790	29.30 0.13 0.00	24.77 0.08 0.00	26.61 0.04 0.00	25.90 -0.09 0.00	25.49 -0.09 0.00	28.63 -0.24 0.00	39.51 -0.49 0.00	44.50 -0.62 0.00	31.70 -0.40 0.00	25.40 -0.31 0.00	31.07 -0.38 0.00	32.30 -0.46 0.00	30.49 -0.31 0.00	29.29 -0.21 0.00	25.17 -0.19 0.00	21.20 -0.22 0.00	31.21 -0.34 0.00	58.17 -0.49 0.00	43.92 -0.16 0.00	38.19 -0.54 0.00	37.01 -0.82 0.00	37.32 -0.94 0.00	32.82 -0.91 0.00	31.08 -0.95 0.00

ROCHESRG_115KV_T4 355643	29.25 0.07 0.00	24.51 -0.18 0.00	26.51 -0.05 0.00	25.97 -0.03 0.00	25.57 0.00 0.00	28.65 -0.22 0.00	39.33 -0.66 0.00	44.32 -0.80 0.00	31.73 -0.38 0.00	25.39 -0.32 0.00	31.32 -0.13 0.00	32.74 -0.03 0.00	30.59 -0.21 0.00	29.15 -0.35 0.00	24.93 -0.44 0.00	21.01 -0.42 0.00	30.83 -0.73 0.00	57.11 -1.55 0.00	43.15 -0.94 0.00	37.88 -0.84 0.00	36.75 -0.97 0.11	37.46 -0.80 0.00	33.27 -0.46 0.00	32.02 0.00 0.00
ROCHESTER_9_IC 23652	29.38 0.20 0.00	24.61 -0.08 0.00	26.62 0.06 0.00	26.07 0.07 0.00	25.68 0.10 0.00	28.77 -0.10 0.00	39.53 -0.47 0.00	44.56 -0.56 0.00	31.89 -0.21 0.00	25.51 -0.20 0.00	31.45 0.00 0.00	32.88 0.12 0.00	30.73 -0.07 0.00	29.28 -0.22 0.00	25.03 -0.33 0.00	21.10 -0.32 0.00	30.97 -0.58 0.00	57.43 -1.23 0.00	43.38 -0.71 0.00	38.09 -0.64 0.00	37.05 -0.78 0.00	37.65 -0.61 0.00	33.42 -0.30 0.00	32.17 0.15 0.00
ROCKVIEW_13_KV_LD 356306	29.90 0.73 0.00	25.33 0.64 0.00	27.23 0.66 0.00	26.73 0.74 0.00	26.27 0.69 0.00	29.74 0.87 0.00	41.27 1.27 0.00	46.62 1.50 0.00	33.22 1.12 0.00	26.94 1.23 0.00	33.15 1.69 0.00	34.58 1.81 0.00	32.52 1.72 0.00	31.13 1.63 0.00	27.11 1.51 -0.23	26.34 1.33 -3.60	33.36 1.80 0.00	61.22 2.57 0.00	45.90 1.81 0.00	40.31 1.58 0.00	39.47 1.64 0.00	39.94 1.68 0.00	35.14 1.41 0.00	33.19 1.16 0.00
ROME____115KV_TB2 80656	30.13 0.95 0.00	25.43 0.74 0.00	27.32 0.75 0.00	26.73 0.73 0.00	26.34 0.76 0.00	29.79 0.92 0.00	41.41 1.41 0.00	46.78 1.67 0.00	33.04 0.94 0.00	26.06 0.35 0.00	31.69 0.24 0.00	32.94 0.17 0.00	30.97 0.17 0.00	29.71 0.21 0.00	25.54 0.18 0.00	21.55 0.13 0.00	31.99 0.44 0.00	60.37 1.72 0.00	45.71 1.63 0.00	40.05 1.32 0.00	38.98 1.15 0.00	39.37 1.11 0.00	34.58 0.86 0.00	32.77 0.75 0.00
ROSETON___1 23587	29.63 0.46 0.00	25.13 0.44 0.00	27.01 0.45 0.00	26.51 0.52 0.00	26.08 0.50 0.00	29.51 0.64 0.00	40.97 0.97 0.00	46.30 1.18 0.00	32.98 0.88 0.00	26.69 0.98 0.00	32.74 1.29 0.00	34.14 1.37 0.00	32.07 1.27 0.00	30.69 1.19 0.00	26.66 1.12 -0.18	25.18 0.99 -2.76	32.92 1.37 0.00	60.64 1.98 0.00	45.43 1.35 0.00	39.93 1.20 0.00	39.12 1.29 0.00	39.53 1.27 0.00	34.78 1.05 0.00	32.88 0.85 0.00
ROSETON___2 23588	29.63 0.46 0.00	25.13 0.44 0.00	27.01 0.45 0.00	26.51 0.52 0.00	26.08 0.50 0.00	29.51 0.64 0.00	40.97 0.97 0.00	46.30 1.18 0.00	32.98 0.88 0.00	26.69 0.98 0.00	32.74 1.29 0.00	34.14 1.37 0.00	32.07 1.27 0.00	30.69 1.19 0.00	26.66 1.12 -0.18	25.18 0.99 -2.76	32.92 1.37 0.00	60.64 1.98 0.00	45.43 1.35 0.00	39.93 1.20 0.00	39.12 1.29 0.00	39.53 1.27 0.00	34.78 1.05 0.00	32.88 0.85 0.00
ROTRRDAM_115KV_TB3 80664	29.53 0.36 0.00	25.03 0.35 0.00	26.93 0.37 0.00	26.38 0.39 0.00	25.96 0.39 0.00	29.37 0.49 0.00	40.78 0.78 0.00	46.05 0.93 0.00	32.67 0.56 0.00	26.14 0.43 0.00	31.92 0.47 0.00	33.23 0.47 0.00	31.22 0.42 0.00	29.90 0.41 0.00	25.82 0.40 -0.05	22.60 0.39 -0.79	32.21 0.65 0.00	59.89 1.23 0.00	44.95 0.87 0.00	39.55 0.82 0.00	38.71 0.88 0.00	39.07 0.81 0.00	34.44 0.72 0.00	32.63 0.61 0.00
RUSSELL___1 23602	29.45 0.28 0.00	24.68 -0.01 0.00	26.68 0.11 0.00	26.12 0.13 0.00	25.73 0.15 0.00	28.84 -0.04 0.00	39.64 -0.36 0.00	44.71 -0.41 0.00	31.99 -0.11 0.00	25.58 -0.13 0.00	31.54 0.09 0.00	32.97 0.20 0.00	30.80 0.01 0.00	29.35 -0.15 0.00	25.09 -0.27 0.00	21.15 -0.27 0.00	31.08 -0.48 0.00	57.62 -1.03 0.00	43.55 -0.54 0.00	38.24 -0.49 0.00	37.20 -0.63 0.00	37.78 -0.48 0.00	33.53 -0.20 0.00	32.26 0.24 0.00
RUSSELL___2 23532	29.45 0.28 0.00	24.68 -0.01 0.00	26.68 0.11 0.00	26.12 0.13 0.00	25.73 0.15 0.00	28.84 -0.04 0.00	39.64 -0.36 0.00	44.71 -0.41 0.00	31.99 -0.11 0.00	25.58 -0.13 0.00	31.54 0.09 0.00	32.97 0.20 0.00	30.80 0.01 0.00	29.35 -0.15 0.00	25.09 -0.27 0.00	21.15 -0.27 0.00	31.08 -0.48 0.00	57.62 -1.03 0.00	43.55 -0.54 0.00	38.24 -0.49 0.00	37.20 -0.63 0.00	37.78 -0.48 0.00	33.53 -0.20 0.00	32.26 0.24 0.00
RUSSELL___3 23549	29.45 0.28 0.00	24.68 -0.01 0.00	26.68 0.11 0.00	26.12 0.13 0.00	25.73 0.15 0.00	28.84 -0.04 0.00	39.64 -0.36 0.00	44.71 -0.41 0.00	31.99 -0.11 0.00	25.58 -0.13 0.00	31.54 0.09 0.00	32.97 0.20 0.00	30.80 0.01 0.00	29.35 -0.15 0.00	25.09 -0.27 0.00	21.15 -0.27 0.00	31.08 -0.48 0.00	57.62 -1.03 0.00	43.55 -0.54 0.00	38.24 -0.49 0.00	37.20 -0.63 0.00	37.78 -0.48 0.00	33.53 -0.20 0.00	32.26 0.24 0.00
RUSSELL___4 23556	29.45 0.28 0.00	24.68 -0.01 0.00	26.68 0.11 0.00	26.12 0.13 0.00	25.73 0.15 0.00	28.84 -0.04 0.00	39.64 -0.36 0.00	44.71 -0.41 0.00	31.99 -0.11 0.00	25.58 -0.13 0.00	31.54 0.09 0.00	32.97 0.20 0.00	30.80 0.01 0.00	29.35 -0.15 0.00	25.09 -0.27 0.00	21.15 -0.27 0.00	31.08 -0.48 0.00	57.62 -1.03 0.00	43.55 -0.54 0.00	38.24 -0.49 0.00	37.20 -0.63 0.00	37.78 -0.48 0.00	33.53 -0.20 0.00	32.26 0.24 0.00
RUSSELL___STATION 23914	29.45 0.28 0.00	24.68 -0.01 0.00	26.68 0.11 0.00	26.12 0.13 0.00	25.73 0.15 0.00	28.84 -0.04 0.00	39.64 -0.36 0.00	44.71 -0.41 0.00	31.99 -0.11 0.00	25.58 -0.13 0.00	31.54 0.09 0.00	32.97 0.20 0.00	30.80 0.01 0.00	29.35 -0.15 0.00	25.09 -0.27 0.00	21.15 -0.27 0.00	31.08 -0.48 0.00	57.62 -1.03 0.00	43.55 -0.54 0.00	38.24 -0.49 0.00	37.20 -0.63 0.00	37.78 -0.48 0.00	33.53 -0.20 0.00	32.26 0.24 0.00
S SALMON___HYD 24043	29.21 0.04 0.00	24.63 -0.06 0.00	26.44 -0.12 0.00	25.89 -0.11 0.00	25.51 -0.07 0.00	28.79 -0.08 0.00	39.91 -0.09 0.00	45.07 -0.05 0.00	31.91 -0.19 0.00	25.28 -0.43 0.00	30.64 -0.81 0.00	31.76 -1.01 0.00	29.96 -0.84 0.00	28.71 -0.79 0.00	24.67 -0.70 0.00	20.79 -0.63 0.00	30.63 -0.93 0.00	57.88 -0.78 0.00	43.97 -0.12 0.00	38.63 -0.10 0.00	37.50 -0.33 0.00	37.99 -0.27 0.00	33.34 -0.38 0.00	31.65 -0.38 0.00
S.PERRY__115KV_TB1 80734	30.03 0.85 0.00	25.05 0.36 0.00	27.05 0.48 0.00	26.38 0.38 0.00	25.94 0.36 0.00	29.13 0.25 0.00	40.26 0.26 0.00	45.30 0.18 0.00	32.17 0.07 0.00	25.28 -0.43 0.00	31.23 -0.22 0.00	32.73 -0.03 0.00	30.70 -0.10 0.00	29.24 -0.25 0.00	24.86 -0.47 0.04	20.34 -0.48 0.60	30.86 -0.70 0.00	57.73 -0.92 0.00	44.19 0.11 0.00	38.85 0.12 0.00	40.32 -0.24 -2.72	38.12 -0.14 0.00	33.78 0.05 0.00	32.58 0.55 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.13 -0.04 0.00	24.31 -0.38 0.00	26.38 -0.18 0.00	25.81 -0.19 0.00	25.39 -0.19 0.00	28.21 -0.66 0.00	38.30 -1.70 0.00	42.99 -2.13 0.00	31.05 -1.05 0.00	25.03 -0.68 0.00	31.17 -0.28 0.00	32.73 -0.03 0.00	30.54 -0.26 0.00	29.06 -0.44 0.00	24.68 -0.65 0.04	20.22 -0.65 0.55	30.12 -1.44 0.00	55.00 -3.66 0.00	41.67 -2.41 0.00	36.54 -2.19 0.00	34.61 -2.41 0.81	36.28 -1.98 0.00	32.61 -1.11 0.00	31.97 -0.05 0.00

SAWYER___23_KV_LOAD 55526	29.13 -0.04 0.00	24.31 -0.38 0.00	26.38 -0.18 0.00	25.81 -0.19 0.00	25.39 -0.19 0.00	28.21 -0.66 0.00	38.30 -1.70 0.00	42.99 -2.13 0.00	31.05 -1.05 0.00	25.03 -0.68 0.00	31.17 -0.28 0.00	32.73 -0.03 0.00	30.54 -0.26 0.00	29.06 -0.44 0.00	24.68 -0.65 0.04	20.22 -0.65 0.55	30.12 -1.44 0.00	55.00 -3.66 0.00	41.67 -2.41 0.00	36.54 -2.19 0.00	34.61 -2.41 0.81	36.28 -1.98 0.00	32.61 -1.11 0.00	31.97 -0.05 0.00
SELKIRK___I 23801	29.35 0.18 0.00	24.96 0.27 0.00	26.84 0.28 0.00	26.28 0.29 0.00	25.87 0.29 0.00	29.26 0.38 0.00	40.54 0.54 0.00	45.79 0.67 0.00	32.52 0.42 0.00	25.99 0.28 0.00	31.71 0.25 0.00	33.01 0.25 0.00	31.02 0.22 0.00	29.72 0.22 0.00	25.68 0.24 -0.07	22.71 0.26 -1.03	32.01 0.46 0.00	59.63 0.97 0.00	44.69 0.61 0.00	39.29 0.56 0.00	38.53 0.70 0.00	38.88 0.62 0.00	34.28 0.55 0.00	32.49 0.46 0.00
SELKIRK___II 23799	29.16 -0.01 0.00	24.80 0.11 0.00	26.66 0.09 0.00	26.11 0.11 0.00	25.70 0.12 0.00	29.07 0.19 0.00	40.29 0.29 0.00	45.56 0.44 0.00	32.41 0.30 0.00	26.00 0.29 0.00	31.76 0.30 0.00	33.06 0.29 0.00	31.07 0.27 0.00	29.77 0.27 0.00	25.73 0.30 -0.06	22.71 0.31 -0.99	32.00 0.44 0.00	59.36 0.71 0.00	44.46 0.38 0.00	39.10 0.37 0.00	38.34 0.51 0.00	38.69 0.43 0.00	34.10 0.38 0.00	32.30 0.27 0.00
SENECA OSWGO___HYD 24041	28.54 -0.64 0.00	24.12 -0.57 0.00	25.94 -0.62 0.00	25.39 -0.61 0.00	25.00 -0.58 0.00	28.24 -0.63 0.00	39.17 -0.83 0.00	44.22 -0.90 0.00	31.41 -0.69 0.00	25.07 -0.64 0.00	30.64 -0.81 0.00	31.90 -0.87 0.00	29.98 -0.82 0.00	28.72 -0.78 0.00	24.67 -0.70 0.00	20.85 -0.57 0.00	30.72 -0.84 0.00	57.30 -1.36 0.00	43.17 -0.91 0.00	37.93 -0.80 0.00	37.03 -0.80 0.00	37.46 -0.80 0.00	32.99 -0.73 0.00	31.43 -0.60 0.00
SENECA___115KV_TB3 355854	29.28 0.10 0.00	24.42 -0.26 0.00	26.50 -0.06 0.00	25.89 -0.10 0.00	25.46 -0.12 0.00	28.35 -0.52 0.00	38.57 -1.43 0.00	43.31 -1.82 0.00	31.23 -0.87 0.00	25.12 -0.59 0.00	31.30 -0.16 0.00	32.88 0.11 0.00	30.70 -0.10 0.00	29.21 -0.28 0.00	24.80 -0.52 0.04	20.31 -0.54 0.57	30.30 -1.26 0.00	55.47 -3.18 0.00	42.07 -2.01 0.00	36.85 -1.87 0.00	34.76 -2.12 0.95	36.51 -1.75 0.00	32.74 -0.98 0.00	32.05 0.03 0.00
SENECA___ENERGY 23797	29.16 -0.01 0.00	24.54 -0.15 0.00	26.48 -0.08 0.00	25.90 -0.09 0.00	25.47 -0.10 0.00	28.73 -0.14 0.00	39.82 -0.18 0.00	44.81 -0.31 0.00	31.84 -0.26 0.00	25.33 -0.38 0.00	31.02 -0.43 0.00	32.40 -0.36 0.00	30.34 -0.46 0.00	29.01 -0.48 0.00	24.81 -0.55 0.00	20.96 -0.46 0.00	30.90 -0.65 0.00	57.70 -0.96 0.00	43.58 -0.50 0.00	38.31 -0.42 0.00	37.53 -0.48 -0.18	37.82 -0.44 0.00	33.37 -0.35 0.00	31.94 -0.08 0.00
SHOEMAKER___GT 23640	29.51 0.34 0.00	25.00 0.31 0.00	26.89 0.33 0.00	26.38 0.39 0.00	25.95 0.37 0.00	29.37 0.50 0.00	40.81 0.81 0.00	46.09 0.97 0.00	32.80 0.70 0.00	26.39 0.68 0.00	32.36 0.90 0.00	33.76 0.99 0.00	31.73 0.93 0.00	30.37 0.87 0.00	25.21 0.83 0.99	7.08 0.76 15.10	32.64 1.09 0.00	60.29 1.63 0.00	45.35 1.26 0.00	39.92 1.19 0.00	39.07 1.23 0.00	39.48 1.22 0.00	34.68 0.96 0.00	32.80 0.78 0.00
SHOEMAKR_138KV_BK 111 55601	29.50 0.32 0.00	24.98 0.29 0.00	26.88 0.31 0.00	26.37 0.38 0.00	25.93 0.35 0.00	29.36 0.48 0.00	40.80 0.80 0.00	46.06 0.94 0.00	32.79 0.68 0.00	26.41 0.70 0.00	32.39 0.93 0.00	33.79 1.03 0.00	31.77 0.97 0.00	30.40 0.90 0.00	24.86 0.86 1.36	1.39 0.78 20.82	32.67 1.11 0.00	60.29 1.64 0.00	45.33 1.24 0.00	39.89 1.17 0.00	39.04 1.21 0.00	39.45 1.19 0.00	34.66 0.94 0.00	32.79 0.76 0.00
SHOREHAM_IC_1 23715	27.78 0.04 1.43	24.64 -0.05 0.00	26.35 -0.21 0.00	25.90 -0.09 0.00	25.42 -0.16 0.00	27.21 0.05 1.71	32.16 -0.07 7.78	43.28 -0.02 1.81	26.55 -0.01 5.54	26.23 0.52 0.00	28.61 0.87 3.71	28.38 0.95 5.33	31.64 1.04 0.20	30.58 1.09 0.00	26.66 0.97 -0.34	26.04 1.03 -3.59	32.63 1.08 0.00	59.78 1.13 0.00	44.59 0.51 0.00	39.19 0.46 0.00	38.40 0.57 0.00	38.77 0.51 0.00	34.18 0.46 0.00	32.06 0.04 0.00
SHOREHAM_IC_2 23716	27.78 0.04 1.43	24.64 -0.05 0.00	26.35 -0.21 0.00	25.90 -0.09 0.00	25.42 -0.16 0.00	27.20 0.05 1.71	32.16 -0.06 7.78	43.29 -0.02 1.81	26.55 -0.01 5.54	26.23 0.52 0.00	28.62 0.87 3.71	28.38 0.94 5.33	31.64 1.04 0.20	30.59 1.09 0.00	26.66 0.96 -0.34	26.04 1.03 -3.59	32.63 1.08 0.00	59.79 1.13 0.00	44.59 0.51 0.00	39.19 0.46 0.00	38.40 0.57 0.00	38.77 0.51 0.00	34.18 0.45 0.00	32.06 0.04 0.00
SISSONVILLE____ 23735	30.55 1.38 0.00	25.77 1.08 0.00	27.68 1.11 0.00	27.08 1.09 0.00	26.67 1.09 0.00	30.03 1.16 0.00	41.53 1.53 0.00	46.89 1.76 0.00	33.21 1.11 0.00	26.32 0.61 0.00	31.98 0.53 0.00	33.20 0.44 0.00	31.31 0.51 0.00	29.95 0.45 0.00	25.68 0.31 0.00	21.52 0.09 0.00	31.65 0.09 0.00	59.56 0.90 0.00	45.24 1.15 0.00	39.55 0.82 0.00	38.51 0.68 0.00	39.30 1.04 0.00	34.69 0.97 0.00	32.81 0.78 0.00
SITHE_IND_GS1 24169	28.28 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.78 -0.80 0.00	27.97 -0.90 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.85 0.00	30.42 -1.04 0.00	31.70 -1.07 0.00	29.78 -1.02 0.00	28.53 -0.96 0.00	24.51 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.69 -1.39 0.00	37.51 -1.21 0.00	36.63 -1.20 0.00	37.06 -1.21 0.00	32.66 -1.06 0.00	31.13 -0.90 0.00
SITHE_IND_GS2 24170	28.28 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.78 -0.80 0.00	27.97 -0.90 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.85 0.00	30.42 -1.04 0.00	31.70 -1.07 0.00	29.78 -1.02 0.00	28.53 -0.96 0.00	24.51 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.69 -1.39 0.00	37.51 -1.21 0.00	36.63 -1.20 0.00	37.06 -1.21 0.00	32.66 -1.06 0.00	31.13 -0.90 0.00
SITHE_IND_GS3 24171	28.28 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.78 -0.80 0.00	27.97 -0.90 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.85 0.00	30.42 -1.04 0.00	31.70 -1.07 0.00	29.78 -1.02 0.00	28.53 -0.96 0.00	24.51 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.69 -1.39 0.00	37.51 -1.21 0.00	36.63 -1.20 0.00	37.06 -1.21 0.00	32.66 -1.06 0.00	31.13 -0.90 0.00
SITHE_IND_GS4 24172	28.28 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.78 -0.80 0.00	27.97 -0.90 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.85 0.00	30.42 -1.04 0.00	31.70 -1.07 0.00	29.78 -1.02 0.00	28.53 -0.96 0.00	24.51 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.69 -1.39 0.00	37.51 -1.21 0.00	36.63 -1.20 0.00	37.06 -1.21 0.00	32.66 -1.06 0.00	31.13 -0.90 0.00

SITHE___BATAVIA 24024	29.89 0.72 0.00	24.97 0.28 0.00	27.03 0.47 0.00	26.49 0.50 0.00	26.08 0.50 0.00	29.10 0.23 0.00	39.77 -0.23 0.00	44.77 -0.35 0.00	32.18 0.08 0.00	25.62 -0.09 0.00	31.59 0.14 0.00	32.99 0.23 0.00	30.78 -0.02 0.00	29.32 -0.18 0.00	24.93 -0.41 0.03	20.52 -0.42 0.48	30.69 -0.86 0.00	56.65 -2.01 0.00	43.18 -0.90 0.00	37.98 -0.75 0.00	36.33 -0.98 0.52	37.62 -0.64 0.00	33.63 -0.09 0.00	32.76 0.74 0.00
SITHE___INDEPEND 23800	28.28 -0.90 0.00	23.90 -0.79 0.00	25.72 -0.84 0.00	25.17 -0.82 0.00	24.78 -0.80 0.00	27.97 -0.90 0.00	38.77 -1.23 0.00	43.73 -1.39 0.00	31.10 -1.00 0.00	24.86 -0.85 0.00	30.42 -1.04 0.00	31.70 -1.07 0.00	29.78 -1.02 0.00	28.53 -0.96 0.00	24.51 -0.86 0.00	20.71 -0.71 0.00	30.49 -1.06 0.00	56.73 -1.93 0.00	42.70 -1.39 0.00	37.51 -1.22 0.00	36.63 -1.20 0.00	37.06 -1.21 0.00	32.67 -1.06 0.00	31.13 -0.90 0.00
SITHE___MASSENA 23902	30.03 0.85 0.00	25.36 0.67 0.00	27.29 0.73 0.00	26.69 0.70 0.00	26.26 0.69 0.00	29.57 0.70 0.00	40.87 0.87 0.00	46.06 0.94 0.00	32.79 0.69 0.00	26.23 0.52 0.00	32.05 0.60 0.00	33.37 0.61 0.00	31.42 0.62 0.00	30.07 0.57 0.00	25.81 0.45 0.00	21.71 0.29 0.00	31.98 0.43 0.00	59.60 0.94 0.00	44.90 0.81 0.00	39.43 0.70 0.00	38.41 0.58 0.00	38.95 0.69 0.00	34.38 0.66 0.00	32.61 0.58 0.00
SITHE___OGDNSBRG 24021	30.81 1.64 0.00	26.00 1.31 0.00	27.94 1.38 0.00	27.35 1.36 0.00	26.93 1.35 0.00	30.35 1.48 0.00	42.00 2.01 0.00	47.37 2.25 0.00	33.44 1.34 0.00	26.43 0.72 0.00	32.19 0.73 0.00	33.46 0.70 0.00	31.52 0.72 0.00	30.15 0.66 0.00	25.87 0.51 0.00	21.71 0.29 0.00	31.97 0.42 0.00	60.10 1.45 0.00	45.85 1.77 0.00	40.26 1.53 0.00	39.20 1.37 0.00	39.84 1.57 0.00	35.15 1.42 0.00	33.29 1.27 0.00
SITHE___STERLING 23777	29.80 0.62 0.00	25.16 0.48 0.00	27.05 0.49 0.00	26.46 0.47 0.00	26.05 0.47 0.00	29.47 0.60 0.00	40.94 0.94 0.00	46.23 1.12 0.00	32.70 0.60 0.00	25.88 0.17 0.00	31.54 0.08 0.00	32.83 0.07 0.00	30.87 0.07 0.00	29.59 0.09 0.00	25.43 0.07 0.00	21.49 0.06 0.00	31.81 0.25 0.00	59.73 1.07 0.00	45.20 1.11 0.00	39.63 0.90 0.00	38.63 0.80 0.00	39.00 0.74 0.00	34.28 0.56 0.00	32.54 0.51 0.00
SLEIGHT__34_KV_TB1 80719	29.10 -0.08 0.00	24.43 -0.26 0.00	26.41 -0.16 0.00	25.85 -0.14 0.00	25.44 -0.13 0.00	28.62 -0.26 0.00	39.54 -0.47 0.00	44.59 -0.53 0.00	31.78 -0.32 0.00	25.32 -0.39 0.00	31.04 -0.41 0.00	32.42 -0.34 0.00	30.32 -0.48 0.00	28.95 -0.55 0.00	24.76 -0.60 0.00	20.92 -0.51 0.00	30.82 -0.74 0.00	57.51 -1.14 0.00	43.40 -0.69 0.00	38.14 -0.59 0.00	37.16 -0.67 0.00	37.66 -0.60 0.00	33.31 -0.41 0.00	31.91 -0.11 0.00
SMITHTWN_69_KV_BK 1 55830	28.36 0.51 1.33	25.02 0.34 0.00	26.79 0.23 0.00	26.31 0.32 0.00	25.80 0.22 0.00	27.76 0.48 1.59	32.95 0.49 7.55	43.89 0.56 1.79	27.07 0.43 5.46	26.63 0.93 0.00	29.37 1.46 3.54	29.33 1.52 4.95	32.10 1.42 0.12	30.97 1.48 0.00	27.09 1.38 -0.35	26.24 1.23 -3.59	32.92 1.36 0.00	60.36 1.71 0.00	45.22 1.14 0.00	39.71 0.98 0.00	38.90 1.07 0.00	39.31 1.05 0.00	34.66 0.94 0.00	32.57 0.54 0.00
SOUTH CAIRO___GT 23612	29.96 0.79 0.00	25.48 0.79 0.00	27.38 0.82 0.00	26.81 0.82 0.00	26.41 0.83 0.00	29.95 1.08 0.00	41.68 1.68 0.00	47.32 2.20 0.00	33.52 1.42 0.00	26.49 0.78 0.00	32.01 0.55 0.00	33.19 0.42 0.00	31.15 0.35 0.00	29.82 0.32 0.00	25.79 0.34 -0.08	23.01 0.37 -1.22	32.32 0.76 0.00	60.80 2.14 0.00	45.99 1.90 0.00	40.50 1.77 0.00	39.67 1.84 0.00	39.94 1.68 0.00	35.17 1.45 0.00	33.24 1.22 0.00
SOUTH HAMPTN___IC 23720	28.10 0.39 1.46	24.93 0.24 0.00	26.66 0.10 0.00	26.22 0.22 0.00	25.77 0.20 0.00	27.58 0.46 1.75	32.66 0.50 7.84	43.94 0.64 1.82	27.01 0.47 5.56	26.60 0.89 0.00	29.02 1.34 3.78	28.77 1.45 5.44	32.05 1.47 0.22	31.00 1.51 0.00	27.06 1.36 -0.34	26.35 1.34 -3.59	33.09 1.53 0.00	60.66 2.01 0.00	45.31 1.23 0.00	39.79 1.07 0.00	38.93 1.10 0.00	39.24 0.98 0.00	34.55 0.83 0.00	32.38 0.35 0.00
SOUTHDOW_115KV_TB1 355954	29.38 0.21 0.00	24.42 -0.27 0.00	26.56 -0.01 0.00	25.87 -0.12 0.00	25.33 -0.25 0.00	28.35 -0.52 0.00	38.75 -1.25 0.00	43.53 -1.59 0.00	31.44 -0.66 0.00	25.27 -0.44 0.00	31.77 0.31 0.00	33.69 0.93 0.00	31.31 0.51 0.00	29.70 0.20 0.00	25.10 -0.22 0.04	20.57 -0.26 0.60	30.61 -0.95 0.00	56.28 -2.37 0.00	43.05 -1.03 0.00	37.23 -1.50 0.00	35.17 -2.14 0.52	36.27 -1.99 0.00	32.26 -1.47 0.00	31.59 -0.44 0.00
SOUTHOLD_69_KV_BK 2 55809	28.41 0.70 1.46	25.18 0.50 0.00	26.92 0.36 0.00	26.51 0.52 0.00	26.13 0.55 0.00	27.99 0.87 1.75	33.27 1.11 7.84	44.67 1.37 1.82	27.53 0.99 5.56	27.00 1.29 0.00	29.52 1.84 3.77	29.26 1.93 5.43	32.52 1.94 0.22	31.47 1.98 0.00	27.46 1.76 -0.34	26.69 1.68 -3.59	33.59 2.04 0.00	61.68 3.03 0.00	46.12 2.03 0.00	40.46 1.73 0.00	39.45 1.62 0.00	39.66 1.40 0.00	34.80 1.08 0.00	32.58 0.55 0.00
SOUTHOLD___IC 23719	28.42 0.70 1.46	25.18 0.50 0.00	26.92 0.36 0.00	26.51 0.51 0.00	26.13 0.55 0.00	27.98 0.86 1.75	33.27 1.11 7.84	44.67 1.37 1.82	27.53 0.99 5.56	27.00 1.29 0.00	29.51 1.83 3.77	29.27 1.94 5.43	32.52 1.94 0.22	31.47 1.98 0.00	27.47 1.77 -0.34	26.69 1.68 -3.59	33.59 2.04 0.00	61.68 3.03 0.00	46.12 2.03 0.00	40.46 1.73 0.00	39.45 1.61 0.00	39.66 1.40 0.00	34.81 1.08 0.00	32.58 0.55 0.00
SOUTH_FORK_WT_PWR 323839	28.38 0.68 1.46	25.16 0.48 0.00	26.88 0.31 0.00	26.50 0.51 0.00	26.16 0.58 0.00	28.01 0.89 1.75	33.31 1.15 7.84	44.74 1.44 1.82	27.58 1.04 5.56	27.04 1.33 0.00	29.58 1.90 3.78	29.34 2.02 5.44	32.60 2.02 0.22	31.53 2.04 0.00	27.51 1.81 -0.34	26.74 1.73 -3.59	33.64 2.09 0.00	61.79 3.14 0.00	46.17 2.09 0.00	40.49 1.76 0.00	39.41 1.58 0.00	39.55 1.29 0.00	34.65 0.93 0.00	32.40 0.37 0.00
SPIERFLS_115KV_TB 1 80737	29.80 0.63 0.00	25.29 0.60 0.00	27.29 0.73 0.00	26.73 0.74 0.00	26.34 0.77 0.00	29.84 0.97 0.00	41.59 1.60 0.00	47.14 2.02 0.00	33.27 1.17 0.00	26.39 0.68 0.00	32.08 0.63 0.00	33.32 0.55 0.00	31.18 0.38 0.00	29.87 0.37 0.00	25.81 0.39 -0.06	22.74 0.46 -0.86	32.58 1.02 0.00	60.90 2.25 0.00	45.63 1.55 0.00	40.21 1.48 0.00	39.31 1.48 0.00	39.56 1.30 0.00	35.03 1.31 0.00	33.13 1.10 0.00
ST LAWRENCE____ 23600	29.61 0.44 0.00	25.02 0.34 0.00	26.93 0.37 0.00	26.34 0.34 0.00	25.91 0.33 0.00	29.19 0.32 0.00	40.33 0.33 0.00	45.45 0.34 0.00	32.39 0.29 0.00	25.95 0.23 0.00	31.74 0.28 0.00	33.05 0.28 0.00	31.11 0.31 0.00	29.78 0.28 0.00	25.58 0.22 0.00	21.54 0.12 0.00	31.73 0.18 0.00	59.01 0.35 0.00	44.39 0.31 0.00	38.99 0.27 0.00	38.00 0.17 0.00	38.50 0.24 0.00	33.97 0.24 0.00	32.20 0.18 0.00

STATE_CA_115KV_115_LB 55624	29.16 -0.02 0.00	24.82 0.13 0.00	26.69 0.12 0.00	26.13 0.14 0.00	25.73 0.15 0.00	29.10 0.23 0.00	40.37 0.37 0.00	45.70 0.58 0.00	32.49 0.39 0.00	26.04 0.33 0.00	31.78 0.33 0.00	33.07 0.30 0.00	31.07 0.27 0.00	29.76 0.26 0.00	25.74 0.31 -0.06	22.73 0.33 -0.98	32.08 0.52 0.00	59.54 0.89 0.00	44.58 0.50 0.00	39.21 0.48 0.00	38.44 0.60 0.00	38.74 0.48 0.00	34.16 0.43 0.00	32.33 0.30 0.00
STATE_ST_34_KV_LOAD 55959	29.20 0.03 0.00	24.62 -0.07 0.00	26.59 0.03 0.00	26.05 0.06 0.00	25.55 -0.03 0.00	28.85 -0.02 0.00	40.16 0.16 0.00	45.28 0.15 0.00	32.11 0.01 0.00	25.54 -0.17 0.00	31.12 -0.33 0.00	32.52 -0.25 0.00	30.44 -0.37 0.00	29.21 -0.29 0.00	24.97 -0.39 0.00	21.16 -0.26 0.00	31.26 -0.29 0.00	58.50 -0.15 0.00	44.00 -0.08 0.00	38.75 0.02 0.00	37.83 0.00 0.00	38.23 -0.04 0.00	33.71 -0.02 0.00	32.16 0.13 0.00
STATION_5_MISC_HYD 23604	29.38 0.21 0.00	24.61 -0.08 0.00	26.62 0.06 0.00	26.07 0.07 0.00	25.68 0.10 0.00	28.77 -0.10 0.00	39.53 -0.47 0.00	44.56 -0.56 0.00	31.89 -0.21 0.00	25.51 -0.20 0.00	31.46 0.00 0.00	32.88 0.12 0.00	30.73 -0.07 0.00	29.28 -0.22 0.00	25.03 -0.34 0.00	21.10 -0.32 0.00	30.97 -0.58 0.00	57.43 -1.23 0.00	43.38 -0.71 0.00	38.09 -0.64 0.00	37.06 -0.78 0.00	37.65 -0.61 0.00	33.42 -0.30 0.00	32.17 0.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.29 0.12 0.00	24.60 -0.09 0.00	26.56 0.00 0.00	26.00 0.00 0.00	25.60 0.02 0.00	28.79 -0.08 0.00	39.71 -0.29 0.00	44.76 -0.36 0.00	31.92 -0.18 0.00	25.46 -0.25 0.00	31.29 -0.17 0.00	32.68 -0.08 0.00	30.56 -0.24 0.00	29.16 -0.34 0.00	24.95 -0.42 0.00	21.05 -0.37 0.00	31.00 -0.55 0.00	57.73 -0.93 0.00	43.60 -0.48 0.00	38.23 -0.50 0.00	37.22 -0.61 0.00	37.75 -0.51 0.00	33.39 -0.33 0.00	32.04 0.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.20 0.02 0.00	24.48 -0.21 0.00	26.46 -0.11 0.00	25.91 -0.08 0.00	25.52 -0.05 0.00	28.61 -0.26 0.00	39.33 -0.67 0.00	44.34 -0.78 0.00	31.72 -0.38 0.00	25.38 -0.34 0.00	31.27 -0.18 0.00	32.68 -0.08 0.00	30.54 -0.26 0.00	29.11 -0.39 0.00	24.89 -0.48 0.00	20.99 -0.44 0.00	30.83 -0.72 0.00	57.19 -1.46 0.00	43.19 -0.89 0.00	37.93 -0.80 0.00	36.90 -0.94 0.00	37.47 -0.79 0.00	33.25 -0.47 0.00	31.98 -0.05 0.00
STA_56___34_KV_BUS2 355983	29.20 0.02 0.00	24.48 -0.21 0.00	26.46 -0.11 0.00	25.91 -0.08 0.00	25.52 -0.05 0.00	28.61 -0.26 0.00	39.33 -0.67 0.00	44.34 -0.78 0.00	31.72 -0.38 0.00	25.38 -0.34 0.00	31.27 -0.18 0.00	32.68 -0.08 0.00	30.54 -0.26 0.00	29.11 -0.39 0.00	24.89 -0.48 0.00	20.99 -0.44 0.00	30.83 -0.72 0.00	57.19 -1.46 0.00	43.19 -0.89 0.00	37.93 -0.80 0.00	36.90 -0.94 0.00	37.47 -0.79 0.00	33.25 -0.47 0.00	31.98 -0.05 0.00
STA_67___115KV_BK2 355882	29.33 0.16 0.00	24.58 -0.11 0.00	26.59 0.02 0.00	26.03 0.04 0.00	25.64 0.06 0.00	28.73 -0.14 0.00	39.46 -0.54 0.00	44.48 -0.64 0.00	31.83 -0.27 0.00	25.47 -0.25 0.00	31.40 -0.05 0.00	32.82 0.06 0.00	30.68 -0.12 0.00	29.23 -0.27 0.00	24.99 -0.38 0.00	21.06 -0.36 0.00	30.92 -0.64 0.00	57.31 -1.34 0.00	43.29 -0.80 0.00	38.01 -0.72 0.00	36.98 -0.85 0.00	37.58 -0.68 0.00	33.37 -0.36 0.00	32.12 0.09 0.00
STA_7___115KV_9TRANS 80674	29.45 0.28 0.00	24.68 -0.01 0.00	26.68 0.11 0.00	26.12 0.13 0.00	25.73 0.15 0.00	28.84 -0.04 0.00	39.64 -0.36 0.00	44.71 -0.41 0.00	31.99 -0.11 0.00	25.58 -0.13 0.00	31.54 0.09 0.00	32.97 0.20 0.00	30.80 0.01 0.00	29.35 -0.15 0.00	25.09 -0.27 0.00	21.15 -0.27 0.00	31.08 -0.48 0.00	57.62 -1.03 0.00	43.55 -0.54 0.00	38.24 -0.49 0.00	37.20 -0.63 0.00	37.78 -0.48 0.00	33.53 -0.20 0.00	32.26 0.24 0.00
STA_82___115KV_TB1 80780	29.35 0.17 0.00	24.59 -0.10 0.00	26.60 0.03 0.00	26.05 0.06 0.00	25.65 0.08 0.00	28.75 -0.12 0.00	39.48 -0.52 0.00	44.50 -0.62 0.00	31.85 -0.25 0.00	25.47 -0.24 0.00	31.41 -0.04 0.00	32.83 0.07 0.00	30.68 -0.12 0.00	29.23 -0.27 0.00	24.99 -0.38 0.00	21.06 -0.36 0.00	30.92 -0.63 0.00	57.32 -1.33 0.00	43.32 -0.77 0.00	38.04 -0.69 0.00	37.00 -0.84 0.00	37.59 -0.67 0.00	33.38 -0.35 0.00	32.14 0.11 0.00
STEEL___WIND 323596	29.25 0.07 0.00	24.40 -0.29 0.00	26.48 -0.09 0.00	25.87 -0.12 0.00	25.44 -0.14 0.00	28.32 -0.56 0.00	38.52 -1.48 0.00	43.24 -1.88 0.00	31.18 -0.93 0.00	25.08 -0.63 0.00	31.25 -0.20 0.00	32.82 0.06 0.00	30.66 -0.14 0.00	29.18 -0.31 0.00	24.77 -0.56 0.04	20.29 -0.56 0.57	30.26 -1.30 0.00	55.39 -3.27 0.00	42.03 -2.05 0.00	36.82 -1.90 0.00	34.73 -2.15 0.95	36.47 -1.79 0.00	32.70 -1.03 0.00	32.02 -0.01 0.00
STEPHTWN_115KV_BK_2 55603	29.24 0.07 0.00	24.91 0.22 0.00	26.85 0.28 0.00	26.23 0.24 0.00	25.87 0.29 0.00	29.32 0.44 0.00	40.67 0.68 0.00	46.04 0.92 0.00	32.69 0.59 0.00	26.16 0.44 0.00	31.90 0.44 0.00	33.24 0.47 0.00	31.18 0.39 0.00	29.83 0.34 0.00	25.81 0.38 -0.07	22.81 0.38 -1.01	32.21 0.65 0.00	59.94 1.29 0.00	44.86 0.78 0.00	39.43 0.70 0.00	38.65 0.82 0.00	39.00 0.75 0.00	34.33 0.61 0.00	32.58 0.55 0.00
STEUBEN_REC_LFGE 323667	28.56 -0.61 0.00	23.67 -1.02 0.00	25.45 -1.12 0.00	24.55 -1.44 0.00	23.89 -1.69 0.00	26.89 -1.98 0.00	37.02 -2.98 0.00	41.44 -3.68 0.00	29.42 -2.68 0.00	23.45 -2.27 0.00	29.04 -2.41 0.00	30.76 -2.00 0.00	29.32 -1.48 0.00	28.11 -1.39 0.00	23.69 -1.62 0.05	19.11 -1.54 0.77	29.42 -2.13 0.00	54.78 -3.88 0.00	41.82 -2.27 0.00	36.34 -2.38 0.00	36.83 -2.76 -1.76	35.46 -2.80 0.00	31.35 -2.37 0.00	30.47 -1.56 0.00
STILLWATER___SOLAR 323814	29.87 0.70 0.00	25.34 0.65 0.00	27.30 0.73 0.00	26.73 0.74 0.00	26.33 0.75 0.00	29.83 0.96 0.00	41.49 1.49 0.00	46.92 1.80 0.00	33.20 1.10 0.00	26.44 0.73 0.00	32.18 0.72 0.00	33.43 0.67 0.00	31.34 0.54 0.00	30.02 0.52 0.00	25.94 0.51 -0.06	22.87 0.55 -0.89	32.61 1.06 0.00	60.90 2.25 0.00	45.65 1.57 0.00	40.17 1.44 0.00	39.33 1.50 0.00	39.62 1.36 0.00	34.99 1.26 0.00	33.10 1.08 0.00
STONY___BROOK 24151	28.25 0.45 1.37	24.97 0.29 0.00	26.73 0.17 0.00	26.26 0.26 0.00	25.75 0.18 0.00	27.65 0.43 1.64	32.79 0.43 7.64	43.83 0.51 1.80	27.01 0.40 5.49	26.59 0.88 0.00	29.24 1.38 3.59	29.12 1.45 5.10	32.02 1.37 0.15	30.92 1.42 0.00	27.05 1.35 -0.34	26.23 1.22 -3.59	32.89 1.34 0.00	60.31 1.65 0.00	45.17 1.09 0.00	39.69 0.96 0.00	38.88 1.05 0.00	39.29 1.03 0.00	34.65 0.93 0.00	32.54 0.51 0.00
STURGEON_POOL_HYD 23609	29.75 0.58 0.00	25.21 0.52 0.00	27.10 0.53 0.00	26.59 0.60 0.00	26.15 0.57 0.00	29.62 0.74 0.00	41.15 1.15 0.00	46.51 1.40 0.00	33.15 1.05 0.00	26.82 1.10 0.00	32.90 1.44 0.00	34.27 1.50 0.00	32.15 1.35 0.00	30.76 1.26 0.00	26.66 1.17 -0.12	24.33 1.05 -1.86	33.01 1.46 0.00	60.87 2.21 0.00	45.66 1.57 0.00	40.14 1.41 0.00	39.31 1.48 0.00	39.73 1.47 0.00	34.93 1.20 0.00	33.02 0.99 0.00

ST_LAW_115_BK7_LBMP 345037	29.65 0.48 0.00	25.06 0.37 0.00	26.97 0.41 0.00	26.37 0.38 0.00	25.95 0.37 0.00	29.22 0.35 0.00	40.38 0.38 0.00	45.50 0.39 0.00	32.43 0.33 0.00	25.97 0.26 0.00	31.76 0.31 0.00	33.07 0.31 0.00	31.13 0.33 0.00	29.80 0.30 0.00	25.60 0.23 0.00	21.55 0.12 0.00	31.74 0.19 0.00	59.05 0.39 0.00	44.43 0.34 0.00	39.03 0.30 0.00	38.03 0.20 0.00	38.54 0.28 0.00	34.01 0.28 0.00	32.24 0.21 0.00
ST_LAW_115_BK8_LBMP 345038	29.65 0.48 0.00	25.06 0.37 0.00	26.97 0.41 0.00	26.37 0.38 0.00	25.95 0.37 0.00	29.22 0.35 0.00	40.38 0.38 0.00	45.50 0.39 0.00	32.43 0.33 0.00	25.97 0.26 0.00	31.76 0.31 0.00	33.07 0.31 0.00	31.13 0.33 0.00	29.80 0.30 0.00	25.60 0.23 0.00	21.55 0.12 0.00	31.74 0.19 0.00	59.05 0.39 0.00	44.43 0.34 0.00	39.03 0.30 0.00	38.03 0.20 0.00	38.54 0.28 0.00	34.01 0.28 0.00	32.24 0.21 0.00
ST_LAW_230_BK5_LBMP 345035	29.61 0.44 0.00	25.02 0.34 0.00	26.93 0.37 0.00	26.34 0.34 0.00	25.91 0.33 0.00	29.19 0.32 0.00	40.33 0.33 0.00	45.45 0.34 0.00	32.39 0.29 0.00	25.95 0.23 0.00	31.74 0.28 0.00	33.05 0.28 0.00	31.11 0.31 0.00	29.78 0.28 0.00	25.58 0.22 0.00	21.54 0.12 0.00	31.73 0.18 0.00	59.01 0.35 0.00	44.39 0.31 0.00	38.99 0.27 0.00	38.00 0.17 0.00	38.50 0.24 0.00	33.97 0.24 0.00	32.20 0.18 0.00
ST_LAW_230_BK6_LBMP 345036	29.61 0.44 0.00	25.02 0.34 0.00	26.93 0.37 0.00	26.34 0.34 0.00	25.91 0.33 0.00	29.19 0.32 0.00	40.33 0.33 0.00	45.45 0.34 0.00	32.39 0.29 0.00	25.95 0.23 0.00	31.74 0.28 0.00	33.05 0.28 0.00	31.11 0.31 0.00	29.78 0.28 0.00	25.58 0.22 0.00	21.54 0.12 0.00	31.73 0.18 0.00	59.01 0.35 0.00	44.39 0.31 0.00	38.99 0.27 0.00	38.00 0.17 0.00	38.50 0.24 0.00	33.97 0.24 0.00	32.20 0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.55 0.38 0.00	25.03 0.34 0.00	26.93 0.37 0.00	26.44 0.45 0.00	25.99 0.41 0.00	29.43 0.56 0.00	40.90 0.90 0.00	46.18 1.06 0.00	32.89 0.79 0.00	26.54 0.83 0.00	32.58 1.12 0.00	34.01 1.24 0.00	31.98 1.18 0.00	30.60 1.10 0.00	26.66 1.04 -0.26	26.36 0.94 -4.00	32.86 1.30 0.00	60.54 1.89 0.00	45.49 1.40 0.00	39.99 1.27 0.00	39.14 1.31 0.00	39.55 1.29 0.00	34.74 1.02 0.00	32.85 0.83 0.00
SWANROAD_115KV_TB1 355699	28.91 -0.27 0.00	24.14 -0.55 0.00	26.19 -0.37 0.00	25.65 -0.35 0.00	25.23 -0.34 0.00	27.98 -0.90 0.00	37.90 -2.10 0.00	42.50 -2.62 0.00	30.78 -1.32 0.00	24.79 -0.92 0.00	30.86 -0.59 0.00	32.29 -0.48 0.00	30.13 -0.67 0.00	28.67 -0.83 0.00	24.38 -0.95 0.04	19.98 -0.91 0.53	29.69 -1.86 0.00	53.90 -4.75 0.00	40.85 -3.24 0.00	35.89 -2.83 0.00	34.05 -3.01 0.77	35.76 -2.50 0.00	32.22 -1.50 0.00	31.76 -0.27 0.00
SYNERGY___BIOGAS 323694	29.88 0.71 0.00	24.97 0.28 0.00	27.04 0.47 0.00	26.49 0.50 0.00	26.08 0.50 0.00	29.10 0.22 0.00	39.77 -0.23 0.00	44.77 -0.35 0.00	32.18 0.08 0.00	25.63 -0.08 0.00	31.60 0.14 0.00	32.99 0.23 0.00	30.78 -0.02 0.00	29.32 -0.18 0.00	24.93 -0.40 0.03	20.51 -0.43 0.48	30.69 -0.86 0.00	56.65 -2.01 0.00	43.18 -0.90 0.00	37.99 -0.75 0.00	36.33 -0.98 0.52	37.62 -0.64 0.00	33.63 -0.09 0.00	32.76 0.74 0.00
SYRACUSE___ENERGY_ST1 323597	28.90 -0.27 0.00	24.42 -0.27 0.00	26.29 -0.27 0.00	25.73 -0.26 0.00	25.32 -0.26 0.00	28.62 -0.25 0.00	39.74 -0.26 0.00	44.82 -0.30 0.00	31.81 -0.29 0.00	25.37 -0.34 0.00	31.02 -0.44 0.00	32.34 -0.43 0.00	30.36 -0.44 0.00	29.08 -0.42 0.00	24.96 -0.40 0.00	21.11 -0.32 0.00	31.13 -0.42 0.00	58.10 -0.56 0.00	43.75 -0.33 0.00	38.43 -0.30 0.00	37.51 -0.32 0.00	37.95 -0.32 0.00	33.43 -0.29 0.00	31.84 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	28.90 -0.27 0.00	24.42 -0.27 0.00	26.29 -0.27 0.00	25.73 -0.26 0.00	25.32 -0.26 0.00	28.62 -0.25 0.00	39.74 -0.26 0.00	44.82 -0.30 0.00	31.81 -0.29 0.00	25.37 -0.34 0.00	31.02 -0.44 0.00	32.34 -0.43 0.00	30.36 -0.44 0.00	29.08 -0.42 0.00	24.96 -0.40 0.00	21.11 -0.32 0.00	31.13 -0.42 0.00	58.10 -0.56 0.00	43.75 -0.33 0.00	38.43 -0.30 0.00	37.51 -0.32 0.00	37.95 -0.32 0.00	33.43 -0.29 0.00	31.84 -0.18 0.00
SYRACUSE___POWER 24017	28.90 -0.27 0.00	24.41 -0.28 0.00	26.27 -0.29 0.00	25.71 -0.29 0.00	25.31 -0.27 0.00	28.59 -0.28 0.00	39.70 -0.30 0.00	44.78 -0.34 0.00	31.79 -0.31 0.00	25.35 -0.36 0.00	31.03 -0.42 0.00	32.34 -0.42 0.00	30.37 -0.43 0.00	29.08 -0.41 0.00	24.97 -0.39 0.00	21.11 -0.31 0.00	31.12 -0.43 0.00	58.04 -0.62 0.00	43.74 -0.34 0.00	38.40 -0.32 0.00	37.50 -0.33 0.00	37.95 -0.32 0.00	33.42 -0.30 0.00	31.84 -0.18 0.00
TALLMAN__138KV_BK151 55660	29.63 0.46 0.00	25.09 0.40 0.00	27.00 0.43 0.00	26.52 0.53 0.00	26.06 0.49 0.00	29.53 0.66 0.00	41.05 1.05 0.00	46.35 1.23 0.00	33.01 0.91 0.00	26.69 0.98 0.00	32.79 1.34 0.00	34.24 1.48 0.00	32.21 1.41 0.00	30.83 1.33 0.00	26.94 1.23 -0.34	27.79 1.11 -5.26	33.08 1.53 0.00	60.84 2.18 0.00	45.64 1.55 0.00	40.09 1.36 0.00	39.22 1.39 0.00	39.65 1.39 0.00	34.82 1.10 0.00	32.91 0.89 0.00
TEALLAVE_115KV_TB7 355573	28.74 -0.44 0.00	24.28 -0.41 0.00	26.13 -0.44 0.00	25.57 -0.43 0.00	25.17 -0.41 0.00	28.44 -0.43 0.00	39.45 -0.55 0.00	44.51 -0.61 0.00	31.62 -0.48 0.00	25.24 -0.47 0.00	30.89 -0.56 0.00	32.21 -0.56 0.00	30.25 -0.55 0.00	28.97 -0.53 0.00	24.87 -0.49 0.00	21.02 -0.40 0.00	30.98 -0.57 0.00	57.74 -0.92 0.00	43.47 -0.61 0.00	38.17 -0.56 0.00	37.27 -0.56 0.00	37.74 -0.52 0.00	33.24 -0.48 0.00	31.68 -0.34 0.00
TELGRAPH_34_KV_EAST 80808	29.39 0.21 0.00	24.54 -0.15 0.00	26.60 0.04 0.00	26.05 0.06 0.00	25.64 0.06 0.00	28.51 -0.36 0.00	38.78 -1.22 0.00	43.58 -1.54 0.00	31.46 -0.64 0.00	25.21 -0.50 0.00	31.26 -0.19 0.00	32.71 -0.06 0.00	30.52 -0.28 0.00	29.05 -0.44 0.00	24.70 -0.63 0.03	20.29 -0.63 0.50	30.24 -1.32 0.00	55.35 -3.30 0.00	42.02 -2.06 0.00	36.93 -1.80 0.00	35.19 -1.99 0.65	36.69 -1.57 0.00	32.93 -0.79 0.00	32.25 0.22 0.00
TEMPLE___115KV_TB 2 55572	28.75 -0.43 0.00	24.29 -0.40 0.00	26.13 -0.43 0.00	25.58 -0.41 0.00	25.18 -0.39 0.00	28.44 -0.43 0.00	39.46 -0.54 0.00	44.53 -0.59 0.00	31.63 -0.47 0.00	25.26 -0.45 0.00	30.91 -0.54 0.00	32.23 -0.54 0.00	30.27 -0.53 0.00	28.98 -0.51 0.00	24.89 -0.48 0.00	21.04 -0.38 0.00	31.01 -0.55 0.00	57.77 -0.89 0.00	43.48 -0.60 0.00	38.19 -0.54 0.00	37.28 -0.55 0.00	37.75 -0.51 0.00	33.26 -0.46 0.00	31.69 -0.34 0.00
TIANA____69_KV_BK 1 55817	28.04 0.33 1.46	24.88 0.20 0.00	26.62 0.06 0.00	26.17 0.17 0.00	25.71 0.13 0.00	27.50 0.38 1.75	32.56 0.40 7.84	43.81 0.51 1.82	26.92 0.37 5.56	26.53 0.82 0.00	28.94 1.26 3.77	28.68 1.35 5.43	31.96 1.38 0.22	30.91 1.41 0.00	26.98 1.28 -0.34	26.28 1.27 -3.59	32.98 1.43 0.00	60.47 1.82 0.00	45.17 1.09 0.00	39.68 0.95 0.00	38.85 1.02 0.00	39.18 0.92 0.00	34.51 0.79 0.00	32.36 0.33 0.00

TILDEN___115KV_TB1 80814	28.90 -0.27 0.00	24.41 -0.28 0.00	26.27 -0.29 0.00	25.71 -0.29 0.00	25.31 -0.27 0.00	28.59 -0.28 0.00	39.70 -0.30 0.00	44.78 -0.34 0.00	31.79 -0.31 0.00	25.35 -0.36 0.00	31.03 -0.42 0.00	32.34 -0.42 0.00	30.37 -0.43 0.00	29.08 -0.41 0.00	24.97 -0.39 0.00	21.11 -0.31 0.00	31.12 -0.43 0.00	58.04 -0.62 0.00	43.74 -0.34 0.00	38.40 -0.32 0.00	37.50 -0.33 0.00	37.95 -0.32 0.00	33.42 -0.30 0.00	31.84 -0.18 0.00
TRIGEN___CC 323695	36.16 0.64 -6.35	25.19 0.48 -0.02	26.98 0.41 0.00	26.48 0.49 0.00	26.01 0.42 -0.01	37.18 0.71 -7.60	51.25 0.87 -10.38	46.40 0.96 -0.31	33.73 0.73 -0.90	26.81 1.08 -0.02	48.45 1.69 -15.31	58.16 1.77 -23.62	38.24 1.55 -5.90	31.08 1.57 -0.02	27.99 1.48 -1.14	26.23 1.22 -3.59	33.01 1.45 0.00	60.56 1.90 0.00	45.41 1.33 0.00	39.87 1.15 0.00	39.07 1.24 0.00	39.50 1.25 0.00	34.79 1.07 0.00	32.78 0.76 0.00
TRINITY___115KV__4 BK 55933	29.04 -0.14 0.00	24.73 0.04 0.00	26.59 0.02 0.00	26.03 0.04 0.00	25.63 0.05 0.00	28.99 0.12 0.00	40.20 0.20 0.00	45.51 0.39 0.00	32.36 0.26 0.00	25.96 0.25 0.00	31.68 0.22 0.00	32.95 0.18 0.00	30.96 0.16 0.00	29.66 0.16 0.00	25.65 0.22 -0.06	22.68 0.25 -1.00	31.95 0.39 0.00	59.26 0.61 0.00	44.36 0.28 0.00	39.02 0.29 0.00	38.27 0.44 0.00	38.58 0.32 0.00	34.02 0.30 0.00	32.21 0.18 0.00
UNION___PROCESSING_DRP 323587	29.36 0.18 0.00	24.60 -0.09 0.00	26.60 0.04 0.00	26.05 0.06 0.00	25.66 0.08 0.00	28.75 -0.12 0.00	39.49 -0.51 0.00	44.52 -0.60 0.00	31.86 -0.24 0.00	25.48 -0.23 0.00	31.42 -0.04 0.00	32.83 0.07 0.00	30.68 -0.12 0.00	29.23 -0.27 0.00	24.99 -0.37 0.00	21.06 -0.36 0.00	30.93 -0.62 0.00	57.34 -1.32 0.00	43.32 -0.76 0.00	38.05 -0.68 0.00	37.01 -0.82 0.00	37.60 -0.66 0.00	33.39 -0.33 0.00	32.14 0.12 0.00
UPPER HUDSON___HYD 24058	29.80 0.63 0.00	25.29 0.60 0.00	27.29 0.72 0.00	26.73 0.74 0.00	26.34 0.77 0.00	29.84 0.97 0.00	41.60 1.60 0.00	47.13 2.01 0.00	33.27 1.17 0.00	26.39 0.68 0.00	32.08 0.63 0.00	33.32 0.55 0.00	31.18 0.38 0.00	29.87 0.37 0.00	25.81 0.39 -0.06	22.74 0.46 -0.86	32.58 1.02 0.00	60.90 2.25 0.00	45.63 1.55 0.00	40.21 1.48 0.00	39.31 1.48 0.00	39.56 1.30 0.00	35.04 1.31 0.00	33.13 1.10 0.00
UPPER RAQUET___HYD 24056	30.55 1.38 0.00	25.77 1.08 0.00	27.68 1.11 0.00	27.08 1.09 0.00	26.67 1.09 0.00	30.03 1.16 0.00	41.53 1.53 0.00	46.88 1.77 0.00	33.21 1.11 0.00	26.32 0.61 0.00	31.98 0.53 0.00	33.20 0.44 0.00	31.31 0.51 0.00	29.95 0.46 0.00	25.68 0.32 0.00	21.52 0.09 0.00	31.65 0.09 0.00	59.56 0.90 0.00	45.24 1.15 0.00	39.55 0.82 0.00	38.51 0.68 0.00	39.30 1.04 0.00	34.69 0.97 0.00	32.81 0.78 0.00
VALLEY44_115KV_TB2 355964	29.21 0.04 0.00	24.46 -0.23 0.00	26.61 0.04 0.00	26.05 0.06 0.00	25.60 0.02 0.00	28.54 -0.33 0.00	38.85 -1.15 0.00	43.68 -1.44 0.00	31.22 -0.88 0.00	25.10 -0.62 0.00	31.35 -0.11 0.00	33.09 0.33 0.00	30.86 0.05 0.00	29.36 -0.14 0.00	24.87 -0.45 0.04	20.24 -0.56 0.62	30.23 -1.33 0.00	55.52 -3.14 0.00	42.26 -1.82 0.00	36.89 -1.83 0.00	35.34 -2.03 0.46	36.50 -1.76 0.00	32.47 -1.26 0.00	31.64 -0.39 0.00
VALLEY___115KV_TB 1-4 80826	30.05 0.88 0.00	25.46 0.77 0.00	27.41 0.84 0.00	26.77 0.78 0.00	26.32 0.74 0.00	29.81 0.93 0.00	41.57 1.57 0.00	46.96 1.84 0.00	32.97 0.87 0.00	26.09 0.38 0.00	31.83 0.38 0.00	33.16 0.39 0.00	31.10 0.30 0.00	29.76 0.27 0.00	25.62 0.25 0.00	21.69 0.27 0.00	32.13 0.58 0.00	60.46 1.81 0.00	45.76 1.68 0.00	40.25 1.52 0.00	39.32 1.49 0.00	39.70 1.44 0.00	34.99 1.26 0.00	33.16 1.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.08 0.91 0.00	25.45 0.77 0.00	27.33 0.77 0.00	26.72 0.72 0.00	26.28 0.70 0.00	29.74 0.88 0.00	41.36 1.36 0.00	46.61 1.49 0.00	33.12 1.02 0.00	26.53 0.82 0.00	32.62 1.17 0.00	34.02 1.26 0.00	31.92 1.13 0.00	30.52 1.02 0.00	26.10 0.84 0.10	20.63 0.73 1.52	32.75 1.20 0.00	60.90 2.25 0.00	45.67 1.58 0.00	40.13 1.40 0.00	39.27 1.44 0.00	39.67 1.41 0.00	34.90 1.18 0.00	33.15 1.12 0.00
VISCHER___FERRY HYD 24020	29.48 0.30 0.00	25.04 0.35 0.00	26.95 0.39 0.00	26.39 0.40 0.00	25.98 0.40 0.00	29.44 0.57 0.00	40.87 0.88 0.00	46.25 1.13 0.00	32.83 0.73 0.00	26.28 0.57 0.00	32.04 0.58 0.00	33.31 0.55 0.00	31.24 0.43 0.00	29.93 0.43 0.00	25.87 0.44 -0.06	22.86 0.45 -0.99	32.34 0.79 0.00	60.18 1.52 0.00	45.06 0.98 0.00	39.65 0.92 0.00	38.86 1.03 0.00	39.14 0.88 0.00	34.54 0.81 0.00	32.68 0.65 0.00
V_A_10_SYNC_DSASP 323832	29.12 -0.05 0.00	24.31 -0.38 0.00	26.38 -0.18 0.00	25.86 -0.14 0.00	25.45 -0.13 0.00	28.32 -0.55 0.00	38.47 -1.53 0.00	43.21 -1.91 0.00	31.15 -0.96 0.00	25.09 -0.62 0.00	31.18 -0.27 0.00	32.71 -0.06 0.00	30.52 -0.27 0.00	29.05 -0.45 0.00	24.70 -0.63 0.03	20.29 -0.64 0.49	30.21 -1.34 0.00	55.32 -3.33 0.00	41.85 -2.24 0.00	36.72 -2.01 0.00	35.07 -2.18 0.58	36.48 -1.78 0.00	32.73 -1.00 0.00	31.94 -0.08 0.00
V_CMM_10_SYNC_DSASP 323787	29.83 0.65 0.00	25.19 0.50 0.00	27.12 0.55 0.00	26.52 0.52 0.00	26.09 0.51 0.00	29.39 0.52 0.00	40.59 0.59 0.00	45.75 0.63 0.00	32.60 0.50 0.00	26.10 0.39 0.00	31.93 0.48 0.00	33.25 0.49 0.00	31.29 0.49 0.00	29.96 0.46 0.00	25.72 0.36 0.00	21.65 0.23 0.00	31.90 0.34 0.00	59.36 0.70 0.00	44.65 0.57 0.00	39.23 0.50 0.00	38.23 0.40 0.00	38.73 0.47 0.00	34.19 0.46 0.00	32.42 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	30.55 1.38 0.00	25.89 1.20 0.00	27.95 1.39 0.00	27.29 1.30 0.00	26.83 1.26 0.00	30.18 1.31 0.00	41.61 1.61 0.00	46.99 1.87 0.00	33.32 1.22 0.00	26.51 0.79 0.00	32.31 0.86 0.00	33.61 0.85 0.00	31.77 0.97 0.00	30.50 1.00 0.00	26.21 0.85 0.00	22.15 0.73 0.00	32.70 1.15 0.00	61.48 2.82 0.00	46.27 2.18 0.00	40.16 1.44 0.00	39.04 1.21 0.00	39.40 1.14 0.00	34.72 1.00 0.00	32.40 0.38 0.00
V_D_10_SYNC_DSASP 323841	30.03 0.85 0.00	25.36 0.67 0.00	27.28 0.72 0.00	26.68 0.69 0.00	26.26 0.68 0.00	29.57 0.70 0.00	40.86 0.86 0.00	46.05 0.93 0.00	32.79 0.69 0.00	26.23 0.52 0.00	32.05 0.60 0.00	33.37 0.61 0.00	31.42 0.62 0.00	30.07 0.57 0.00	25.81 0.45 0.00	21.71 0.29 0.00	31.98 0.43 0.00	59.60 0.94 0.00	44.89 0.81 0.00	39.43 0.70 0.00	38.41 0.57 0.00	38.94 0.68 0.00	34.38 0.65 0.00	32.60 0.57 0.00
V_E_10_SYNC_DSASP 323830	31.70 2.52 0.00	26.66 1.97 0.00	28.26 1.70 0.00	27.35 1.35 0.00	26.69 1.11 0.00	30.16 1.28 0.00	42.26 2.26 0.00	47.53 2.41 0.00	33.28 1.17 0.00	26.23 0.52 0.00	32.29 0.84 0.00	33.49 0.73 0.00	31.40 0.60 0.00	29.92 0.42 0.00	25.46 0.17 0.07	20.44 0.10 1.08	32.00 0.44 0.00	60.35 1.70 0.00	46.09 2.01 0.00	40.54 1.81 0.00	39.39 1.42 -0.14	39.41 1.15 0.00	34.68 0.95 0.00	33.08 1.06 0.00

V_F_30_NSYNC___DSASP 323816	29.91 0.73 0.00	25.38 0.69 0.00	27.33 0.76 0.00	26.77 0.78 0.00	26.36 0.79 0.00	29.87 1.00 0.00	41.54 1.54 0.00	46.96 1.85 0.00	33.25 1.15 0.00	26.48 0.77 0.00	32.24 0.79 0.00	33.51 0.75 0.00	31.41 0.61 0.00	30.10 0.60 0.00	26.00 0.58 -0.06	22.90 0.60 -0.88	32.67 1.12 0.00	61.00 2.34 0.00	45.73 1.65 0.00	40.22 1.49 0.00	39.37 1.54 0.00	39.66 1.41 0.00	35.03 1.30 0.00	33.15 1.12 0.00
V_F_30_SYNC_DSASP 323786	29.16 -0.02 0.00	24.82 0.13 0.00	26.69 0.12 0.00	26.13 0.14 0.00	25.73 0.15 0.00	29.10 0.23 0.00	40.37 0.37 0.00	45.70 0.58 0.00	32.49 0.39 0.00	26.04 0.33 0.00	31.77 0.32 0.00	33.06 0.30 0.00	31.06 0.26 0.00	29.76 0.26 0.00	25.73 0.31 -0.06	22.73 0.33 -0.98	32.08 0.52 0.00	59.54 0.89 0.00	44.58 0.50 0.00	39.20 0.47 0.00	38.43 0.60 0.00	38.74 0.48 0.00	34.15 0.43 0.00	32.33 0.30 0.00
V_XM_10_SYNC_DSASP 323789	30.55 1.38 0.00	25.89 1.20 0.00	27.95 1.39 0.00	27.29 1.30 0.00	26.83 1.26 0.00	30.18 1.31 0.00	41.61 1.61 0.00	46.99 1.87 0.00	33.32 1.22 0.00	26.51 0.79 0.00	32.31 0.86 0.00	33.61 0.85 0.00	31.77 0.97 0.00	30.50 1.00 0.00	26.21 0.85 0.00	22.15 0.73 0.00	32.70 1.15 0.00	61.48 2.82 0.00	46.27 2.18 0.00	40.16 1.44 0.00	39.04 1.21 0.00	39.40 1.14 0.00	34.72 1.00 0.00	32.40 0.38 0.00
W.BABYLN_69_KV_BK1 56697	30.51 0.79 -0.55	25.27 0.58 0.00	27.07 0.50 0.00	26.57 0.58 0.00	26.06 0.48 0.00	30.31 0.78 -0.66	37.55 0.94 3.39	44.87 1.10 1.35	28.77 0.79 4.13	26.90 1.19 0.00	34.57 1.81 -1.31	36.64 1.82 -2.05	33.79 1.68 -1.31	31.23 1.73 0.00	27.54 1.65 -0.53	26.44 1.43 -3.59	33.22 1.67 0.00	60.97 2.32 0.00	45.72 1.64 0.00	40.21 1.48 0.00	39.37 1.54 0.00	39.80 1.53 0.00	35.05 1.32 0.00	32.93 0.91 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.79 0.62 0.00	25.22 0.53 0.00	27.14 0.57 0.00	26.65 0.66 0.00	26.20 0.63 0.00	29.80 0.93 0.00	41.44 1.44 0.00	46.80 1.68 0.00	33.34 1.24 0.00	26.94 1.23 0.00	33.10 1.64 0.00	34.55 1.79 0.00	32.50 1.71 0.00	31.10 1.60 0.00	27.17 1.48 -0.32	27.60 1.32 -4.87	33.41 1.86 0.00	61.49 2.83 0.00	45.92 1.83 0.00	40.31 1.58 0.00	39.44 1.61 0.00	39.87 1.61 0.00	35.02 1.30 0.00	33.09 1.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.95 0.78 0.00	25.36 0.67 0.00	27.25 0.69 0.00	26.77 0.78 0.00	26.31 0.73 0.00	29.76 0.89 0.00	41.30 1.30 0.00	46.63 1.52 0.00	33.24 1.14 0.00	27.02 1.31 0.00	33.24 1.79 0.00	34.70 1.93 0.00	32.65 1.85 0.00	31.25 1.76 0.00	27.21 1.62 -0.23	26.44 1.41 -3.60	33.47 1.92 0.00	61.31 2.65 0.00	45.91 1.82 0.00	40.30 1.57 0.00	39.46 1.63 0.00	39.97 1.71 0.00	35.17 1.45 0.00	33.22 1.19 0.00
W50THST__13_KV_LOAD 356117	30.10 0.92 0.00	25.47 0.78 0.00	27.37 0.81 0.00	26.89 0.90 0.00	26.44 0.86 0.00	29.91 1.03 0.00	41.50 1.50 0.00	46.85 1.73 0.00	33.41 1.31 0.00	27.18 1.47 0.00	33.46 2.01 0.00	34.96 2.20 0.00	32.91 2.11 0.00	31.49 2.00 0.00	27.42 1.82 -0.23	26.61 1.59 -3.60	33.73 2.18 0.00	61.72 3.06 0.00	46.17 2.09 0.00	40.50 1.77 0.00	39.66 1.82 0.00	40.18 1.92 0.00	35.39 1.66 0.00	33.43 1.40 0.00
WADING RIVER_IC_1 23522	27.78 0.08 1.47	24.67 -0.01 0.00	26.39 -0.17 0.00	25.93 -0.06 0.00	25.45 -0.12 0.00	27.20 0.08 1.76	32.12 -0.03 7.86	43.31 0.02 1.82	26.56 0.02 5.56	26.26 0.56 0.00	28.59 0.93 3.79	28.33 1.02 5.46	31.65 1.07 0.22	30.62 1.13 0.00	26.72 1.02 -0.34	26.06 1.05 -3.59	32.66 1.10 0.00	59.83 1.17 0.00	44.63 0.54 0.00	39.22 0.49 0.00	38.43 0.60 0.00	38.81 0.55 0.00	34.22 0.49 0.00	32.10 0.07 0.00
WADING RIVER_IC_2 23547	27.78 0.08 1.47	24.67 -0.01 0.00	26.39 -0.17 0.00	25.93 -0.06 0.00	25.45 -0.12 0.00	27.20 0.08 1.76	32.12 -0.03 7.86	43.31 0.02 1.82	26.56 0.02 5.56	26.26 0.56 0.00	28.59 0.93 3.79	28.33 1.02 5.46	31.65 1.07 0.22	30.62 1.13 0.00	26.72 1.02 -0.34	26.06 1.05 -3.59	32.66 1.10 0.00	59.83 1.17 0.00	44.63 0.54 0.00	39.22 0.49 0.00	38.43 0.60 0.00	38.81 0.55 0.00	34.22 0.49 0.00	32.10 0.07 0.00
WADING RIVER_IC_3 23601	27.78 0.08 1.47	24.67 -0.01 0.00	26.39 -0.17 0.00	25.93 -0.06 0.00	25.45 -0.12 0.00	27.20 0.08 1.76	32.12 -0.03 7.86	43.31 0.02 1.82	26.56 0.02 5.56	26.26 0.56 0.00	28.59 0.93 3.79	28.33 1.02 5.46	31.65 1.07 0.22	30.62 1.13 0.00	26.72 1.02 -0.34	26.06 1.05 -3.59	32.66 1.10 0.00	59.83 1.17 0.00	44.63 0.54 0.00	39.22 0.49 0.00	38.43 0.60 0.00	38.81 0.55 0.00	34.22 0.49 0.00	32.10 0.07 0.00
WALDENNY_12_KV_BK2 80841	29.30 0.13 0.00	24.45 -0.24 0.00	26.53 -0.04 0.00	25.92 -0.07 0.00	25.49 -0.09 0.00	28.37 -0.50 0.00	38.60 -1.40 0.00	43.35 -1.77 0.00	31.28 -0.82 0.00	25.16 -0.55 0.00	31.36 -0.10 0.00	32.92 0.15 0.00	30.73 -0.07 0.00	29.26 -0.24 0.00	24.84 -0.48 0.04	20.35 -0.51 0.57	30.34 -1.22 0.00	55.47 -3.18 0.00	42.06 -2.02 0.00	36.85 -1.87 0.00	34.79 -2.11 0.93	36.53 -1.73 0.00	32.77 -0.95 0.00	32.11 0.08 0.00
WALDEN___HYDRO 24148	29.71 0.53 0.00	25.16 0.47 0.00	27.07 0.50 0.00	26.56 0.57 0.00	26.12 0.54 0.00	29.58 0.71 0.00	41.12 1.12 0.00	46.45 1.33 0.00	33.08 0.98 0.00	26.69 0.98 0.00	32.72 1.27 0.00	34.13 1.36 0.00	32.08 1.28 0.00	30.69 1.19 0.00	26.76 1.12 -0.27	26.64 1.01 -4.21	32.99 1.44 0.00	60.87 2.21 0.00	45.73 1.64 0.00	40.22 1.49 0.00	39.36 1.53 0.00	39.77 1.51 0.00	34.93 1.21 0.00	33.03 1.01 0.00
WARRENSBURG____ 23737	29.80 0.63 0.00	25.29 0.60 0.00	27.29 0.73 0.00	26.73 0.74 0.00	26.34 0.77 0.00	29.84 0.97 0.00	41.59 1.60 0.00	47.14 2.02 0.00	33.27 1.17 0.00	26.39 0.68 0.00	32.08 0.63 0.00	33.32 0.55 0.00	31.18 0.38 0.00	29.87 0.37 0.00	25.81 0.39 -0.06	22.74 0.46 -0.86	32.58 1.02 0.00	60.90 2.25 0.00	45.63 1.55 0.00	40.21 1.48 0.00	39.31 1.48 0.00	39.56 1.30 0.00	35.03 1.31 0.00	33.13 1.10 0.00
WATERSIDE___6 8 9 23538	29.95 0.78 0.00	25.36 0.67 0.00	27.26 0.70 0.00	26.81 0.82 0.00	26.34 0.77 0.00	29.80 0.93 0.00	41.29 1.29 0.00	46.57 1.45 0.00	33.28 1.18 0.00	27.07 1.35 0.00	33.24 1.79 0.00	34.68 1.92 0.00	32.65 1.85 0.00	31.26 1.77 0.00	27.22 1.62 -0.23	26.45 1.43 -3.60	33.46 1.91 0.00	61.16 2.51 0.00	45.77 1.69 0.00	40.22 1.49 0.00	39.42 1.59 0.00	39.96 1.70 0.00	35.17 1.45 0.00	33.20 1.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.75 0.57 0.00	25.20 0.51 0.00	27.12 0.55 0.00	26.51 0.52 0.00	26.07 0.49 0.00	29.51 0.63 0.00	41.07 1.07 0.00	46.38 1.27 0.00	32.69 0.59 0.00	25.96 0.25 0.00	31.69 0.24 0.00	33.00 0.24 0.00	30.98 0.17 0.00	29.65 0.15 0.00	25.52 0.16 0.00	21.60 0.18 0.00	31.95 0.39 0.00	59.91 1.26 0.00	45.24 1.16 0.00	39.78 1.05 0.00	38.88 1.05 0.00	39.25 0.99 0.00	34.59 0.86 0.00	32.80 0.77 0.00

WDELAWARE___HYD 323627	29.14 -0.04 0.00	24.68 -0.01 0.00	26.54 -0.03 0.00	26.04 0.04 0.00	25.60 0.02 0.00	29.03 0.16 0.00	40.41 0.41 0.00	45.67 0.55 0.00	32.54 0.44 0.00	26.19 0.48 0.00	32.05 0.59 0.00	33.37 0.61 0.00	31.34 0.54 0.00	29.97 0.47 0.00	25.82 0.50 0.04	21.37 0.58 0.64	32.48 0.92 0.00	60.18 1.52 0.00	45.30 1.22 0.00	39.86 1.13 0.00	38.98 1.15 0.00	39.38 1.12 0.00	34.58 0.85 0.00	32.68 0.65 0.00
WEST BABYLON___IC 23714	30.51 0.79 -0.55	25.27 0.58 0.00	27.07 0.50 0.00	26.57 0.58 0.00	26.06 0.48 0.00	30.31 0.78 -0.66	37.55 0.94 3.39	44.87 1.10 1.35	28.77 0.79 4.13	26.90 1.19 0.00	34.57 1.81 -1.31	36.64 1.82 -2.05	33.79 1.68 -1.31	31.23 1.73 0.00	27.54 1.65 -0.53	26.44 1.43 -3.59	33.22 1.67 0.00	60.97 2.32 0.00	45.72 1.64 0.00	40.21 1.48 0.00	39.37 1.54 0.00	39.80 1.53 0.00	35.05 1.32 0.00	32.93 0.91 0.00
WEST CANADA___HYD 24049	29.14 -0.03 0.00	24.69 0.00 0.00	26.56 -0.01 0.00	25.98 -0.01 0.00	25.56 -0.02 0.00	28.87 0.00 0.00	40.04 0.04 0.00	45.18 0.06 0.00	32.11 0.01 0.00	25.71 0.00 0.00	31.44 -0.02 0.00	32.73 -0.03 0.00	30.77 -0.03 0.00	29.48 -0.02 0.00	25.36 0.00 0.00	21.44 0.02 0.00	31.59 0.04 0.00	58.78 0.12 0.00	44.17 0.09 0.00	38.81 0.08 0.00	37.92 0.08 0.00	38.31 0.05 0.00	33.74 0.02 0.00	32.03 0.00 0.00
WESTERN_NY_WIND 24143	29.85 0.68 0.00	24.94 0.25 0.00	27.01 0.44 0.00	26.46 0.47 0.00	26.05 0.47 0.00	29.06 0.19 0.00	39.70 -0.29 0.00	44.70 -0.43 0.00	32.13 0.03 0.00	25.60 -0.11 0.00	31.57 0.11 0.00	32.96 0.19 0.00	30.75 -0.05 0.00	29.29 -0.20 0.00	24.91 -0.43 0.03	20.48 -0.45 0.49	30.65 -0.90 0.00	56.54 -2.12 0.00	43.10 -0.98 0.00	37.91 -0.82 0.00	36.21 -1.06 0.56	37.55 -0.71 0.00	33.59 -0.13 0.00	32.74 0.71 0.00
WESTOVER___LESR 323668	29.17 -0.01 0.00	24.59 -0.10 0.00	26.54 -0.03 0.00	25.93 -0.06 0.00	25.50 -0.08 0.00	28.78 -0.09 0.00	39.88 -0.12 0.00	44.87 -0.24 0.00	31.90 -0.20 0.00	25.47 -0.24 0.00	31.37 -0.09 0.00	32.85 0.08 0.00	30.78 -0.02 0.00	29.41 -0.09 0.00	25.12 -0.17 0.07	20.16 -0.14 1.12	31.29 -0.26 0.00	58.17 -0.48 0.00	43.86 -2.26 0.00	38.48 -2.27 0.00	37.60 -2.69 0.00	38.01 -0.23 0.00	33.45 -0.25 0.00	31.99 -0.04 0.00
WETHRSFD_WT_PWR 323626	28.80 -0.37 0.00	23.99 -0.70 0.00	25.94 -0.63 0.00	25.23 -0.77 0.00	24.73 -0.85 0.00	27.61 -1.26 0.00	37.77 -2.23 0.00	42.41 -2.71 0.00	30.38 -1.72 0.00	24.28 -1.44 0.00	30.19 -1.26 0.00	31.81 -0.95 0.00	29.89 -0.91 0.00	28.48 -1.02 0.00	24.13 -1.19 0.04	19.65 -1.11 0.66	29.72 -1.84 0.00	54.99 -3.66 0.00	41.83 -2.26 0.00	36.46 -2.27 0.00	31.71 -2.69 3.43	35.77 -2.49 0.00	31.90 -1.82 0.00	31.14 -0.88 0.00
WHAVSTOR_138KV_BK127 55557	29.62 0.45 0.00	25.09 0.40 0.00	26.99 0.43 0.00	26.52 0.52 0.00	26.06 0.48 0.00	29.51 0.63 0.00	40.99 0.99 0.00	46.29 1.17 0.00	32.97 0.87 0.00	26.67 0.96 0.00	32.76 1.30 0.00	34.20 1.44 0.00	32.17 1.37 0.00	30.78 1.29 0.00	26.88 1.21 -0.31	27.16 1.08 -4.66	33.02 1.47 0.00	60.72 2.07 0.00	45.57 1.49 0.00	40.03 1.31 0.00	39.18 1.35 0.00	39.61 1.36 0.00	34.80 1.08 0.00	32.90 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.62 0.45 0.00	25.09 0.40 0.00	26.99 0.43 0.00	26.52 0.52 0.00	26.06 0.48 0.00	29.51 0.63 0.00	40.99 0.99 0.00	46.29 1.17 0.00	32.97 0.87 0.00	26.67 0.96 0.00	32.76 1.30 0.00	34.20 1.44 0.00	32.17 1.37 0.00	30.78 1.29 0.00	26.88 1.21 -0.31	27.16 1.08 -4.66	33.02 1.47 0.00	60.72 2.07 0.00	45.57 1.49 0.00	40.03 1.31 0.00	39.18 1.35 0.00	39.61 1.36 0.00	34.80 1.08 0.00	32.90 0.87 0.00
WHITEHAL_115KV_TB1 80871	30.50 1.33 0.00	25.83 1.14 0.00	28.00 1.43 0.00	27.43 1.44 0.00	27.07 1.49 0.00	30.89 2.02 0.00	43.12 3.12 0.00	49.09 3.97 0.00	34.45 2.35 0.00	27.14 1.43 0.00	32.89 1.44 0.00	34.17 1.41 0.00	31.77 0.97 0.00	30.40 0.90 0.00	26.36 0.94 -0.06	23.28 0.99 -0.87	33.54 1.99 0.00	62.65 3.99 0.00	46.57 2.49 0.00	41.19 2.46 0.00	40.19 2.36 0.00	40.33 2.07 0.00	36.22 2.50 0.00	34.06 2.04 0.00
WHITEPLN_13_KV_LOAD 356215	30.00 0.83 0.00	25.40 0.71 0.00	27.32 0.75 0.00	26.81 0.82 0.00	26.36 0.78 0.00	29.85 0.98 0.00	41.50 1.50 0.00	46.89 1.78 0.00	33.42 1.31 0.00	27.08 1.37 0.00	33.29 1.83 0.00	34.72 1.95 0.00	32.64 1.85 0.00	31.25 1.75 0.00	27.21 1.61 -0.24	26.53 1.42 -3.68	33.52 1.96 0.00	61.57 2.91 0.00	46.16 2.08 0.00	40.54 1.81 0.00	39.68 1.85 0.00	40.13 1.87 0.00	35.27 1.55 0.00	33.31 1.28 0.00
WM_FLOYD_69_KV_BK2 356380	28.05 0.30 1.42	24.86 0.17 0.00	26.60 0.03 0.00	26.13 0.14 0.00	25.65 0.07 0.00	27.47 0.31 1.70	32.52 0.28 7.76	43.66 0.36 1.81	26.83 0.26 5.53	26.44 0.73 0.00	28.91 1.14 3.68	28.69 1.22 5.30	31.81 1.20 0.19	30.76 1.27 0.00	26.90 1.20 -0.34	26.20 1.19 -3.59	32.84 1.28 0.00	60.14 1.49 0.00	44.96 0.88 0.00	39.51 0.79 0.00	38.74 0.90 0.00	39.11 0.85 0.00	34.49 0.77 0.00	32.36 0.34 0.00
WOODARD__115KV_TB2 355635	28.70 -0.47 0.00	24.25 -0.44 0.00	26.10 -0.46 0.00	25.54 -0.45 0.00	25.14 -0.44 0.00	28.41 -0.46 0.00	39.41 -0.59 0.00	44.47 -0.64 0.00	31.59 -0.51 0.00	25.22 -0.49 0.00	30.85 -0.60 0.00	32.15 -0.62 0.00	30.20 -0.59 0.00	28.93 -0.57 0.00	24.85 -0.52 0.00	21.00 -0.42 0.00	30.95 -0.61 0.00	57.69 -0.97 0.00	43.44 -0.64 0.00	38.14 -0.58 0.00	37.24 -0.59 0.00	37.69 -0.56 0.00	33.21 -0.52 0.00	31.63 -0.39 0.00
WOODMERE_69_KV_BK1 55827	47.29 0.96 -17.16	25.47 0.72 -0.05	27.24 0.67 -0.01	26.74 0.74 0.00	26.26 0.66 -0.02	50.42 1.01 -20.55	71.59 1.29 -30.30	48.13 1.43 -1.57	37.81 1.06 -4.66	27.11 1.35 -0.05	74.81 2.00 -41.35	98.70 2.12 -63.81	46.01 1.86 -13.35	31.43 1.88 -0.05	29.11 1.75 -1.99	26.45 1.44 -3.59	33.35 1.79 0.00	61.19 2.54 0.00	45.93 1.84 0.00	40.30 1.57 0.00	39.47 1.64 0.00	39.89 1.63 0.00	35.14 1.41 0.00	33.09 1.07 0.00
YORK___WARBASSE 23770	29.87 0.70 0.00	25.30 0.61 0.00	27.20 0.64 0.00	26.81 0.82 0.00	26.36 0.79 0.00	29.81 0.94 0.00	41.35 1.35 0.00	46.60 1.48 0.00	33.37 1.27 0.00	27.09 1.37 0.00	33.17 1.72 0.00	34.58 1.82 0.00	32.58 1.78 0.00	31.19 1.69 0.00	27.16 1.56 -0.23	26.40 1.39 -3.60	33.40 1.84 0.00	61.03 2.37 0.00	45.69 1.60 0.00	40.22 1.49 0.00	39.43 1.60 0.00	39.94 1.68 0.00	35.13 1.40 0.00	33.15 1.12 0.00