

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/09/2024

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	27.55	25.30	23.85	23.46	23.65	25.27	29.17	30.81	32.63	33.69	35.89	37.98	38.57	41.60	41.54	43.46	43.95	44.91	41.45	40.14	39.38	36.37	33.13	30.67
24138	2.11	1.83	1.50	1.45	1.49	1.85	2.31	2.59	2.97	2.98	3.21	3.30	3.60	3.82	3.81	4.31	4.43	4.30	4.01	3.75	3.55	3.34	2.99	2.74
	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
74TH STREET_GT_1	27.65	25.30	23.87	23.48	23.65	25.15	29.17	30.82	32.63	33.69	35.89	37.98	38.57	41.61	41.51	43.54	44.03	45.00	41.45	40.10	39.49	36.41	33.22	30.72
24260	2.21	1.83	1.52	1.47	1.48	1.73	2.31	2.60	2.97	2.98	3.20	3.29	3.60	3.82	3.77	4.39	4.51	4.39	4.01	3.71	3.65	3.37	3.08	2.79
	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
74TH STREET_GT_2	27.65	25.30	23.87	23.48	23.65	25.15	29.17	30.82	32.63	33.69	35.89	37.98	38.57	41.61	41.51	43.54	44.03	45.00	41.45	40.10	39.49	36.41	33.22	30.72
24261	2.21	1.83	1.52	1.47	1.48	1.73	2.31	2.60	2.97	2.98	3.20	3.29	3.60	3.82	3.77	4.39	4.51	4.39	4.01	3.71	3.65	3.37	3.08	2.79
	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
ADK HUDSON___FALLS	27.35	25.28	23.80	23.48	23.60	25.10	29.06	30.59	32.15	33.44	35.47	37.53	37.76	40.89	40.94	42.60	43.00	44.51	40.97	39.81	39.31	36.27	32.95	30.41
24011	1.91	1.81	1.45	1.47	1.44	1.69	2.20	2.37	2.49	2.73	2.78	2.84	2.80	3.10	3.21	3.45	3.48	3.90	3.52	3.42	3.48	3.24	2.80	2.49
	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
ADK RESOURCE___RCVRY	27.50	25.44	23.91	23.61	23.71	25.34	29.30	30.81	32.36	33.72	35.73	37.81	38.01	41.15	41.24	42.91	43.32	44.87	41.30	40.21	39.67	36.57	33.19	30.61
23798	2.06	1.97	1.56	1.61	1.55	1.92	2.44	2.59	2.70	3.01	3.04	3.12	3.04	3.36	3.51	3.76	3.79	4.26	3.86	3.82	3.84	3.54	3.04	2.68
	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
ADK S GLENS___FALLS	27.35	25.28	23.80	23.48	23.60	25.10	29.06	30.59	32.15	33.44	35.47	37.53	37.76	40.89	40.94	42.60	43.00	44.51	40.97	39.81	39.31	36.27	32.95	30.41
24028	1.91	1.81	1.45	1.47	1.44	1.69	2.20	2.37	2.49	2.73	2.78	2.84	2.80	3.10	3.21	3.45	3.48	3.90	3.52	3.42	3.48	3.24	2.80	2.49
	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
ADK_NYS___DAM	26.91	24.90	23.51	23.17	23.34	24.80	28.47	29.83	31.38	32.40	34.29	36.24	36.64	39.64	39.55	41.27	41.74	42.92	39.65	38.50	37.77	35.12	31.96	29.77
23527	1.47	1.43	1.16	1.17	1.17	1.38	1.61	1.61	1.72	1.69	1.60	1.56	1.68	1.85	1.81	2.11	2.21	2.31	2.21	2.11	1.93	2.08	1.81	1.84
	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
AIR_PRODUCTS___DRP	25.90	23.89	22.64	22.38	22.50	23.79	27.37	28.78	30.28	31.32	33.24	35.17	35.56	38.47	38.41	40.02	40.43	41.58	38.34	37.19	36.66	33.93	30.90	28.66
24190	0.46	0.42	0.29	0.37	0.33	0.37	0.51	0.56	0.62	0.61	0.56	0.49	0.59	0.68	0.68	0.86	0.91	0.97	0.90	0.80	0.82	0.89	0.75	0.73
	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
AKWESSNE_115KV_BK	22.85	22.85	21.99	21.70	21.85	22.97	26.21	27.51	28.92	29.91	31.77	33.68	32.18	30.45	30.33	26.06	37.15	37.14	31.71	35.29	34.86	32.11	29.27	27.12
355683	-0.71	-0.61	-0.36	-0.31	-0.31	-0.44	-0.64	-0.71	-0.74	-0.80	-0.92	-1.01	-1.01	-1.21	-1.13	-1.25	-1.26	-1.34	-1.24	-1.09	-0.97	-0.93	-0.87	-0.81
	1.87	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	6.13	6.28	11.84	1.11	2.13	4.50	0.01	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	26.35	24.39	23.07	22.78	22.92	24.31	27.91	29.26	30.76	31.81	33.70	35.65	35.98	38.96	38.94	40.56	40.99	42.28	39.02	37.95	37.37	34.56	31.47	29.19
323833	0.91	0.91	0.72	0.77	0.75	0.89	1.05	1.04	1.10	1.10	1.01	0.97	1.01	1.17	1.21	1.41	1.46	1.67	1.57	1.56	1.54	1.52	1.32	1.26
	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_2_SOLAR	26.35	24.39	23.07	22.76	22.89	24.31	27.88	29.26	30.73	31.81	33.70	35.65	35.98	38.92	38.91	40.52	40.99	42.28	39.02	37.95	37.37	34.52	31.47	29.19
323834	0.91	0.91	0.72	0.75	0.73	0.89	1.02	1.04	1.07	1.10	1.01	0.97	1.01	1.13	1.17	1.37	1.46	1.67	1.57	1.56	1.54	1.49	1.32	1.26
	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	25.90	23.89	22.64	22.38	22.50	23.79	27.37	28.78	30.28	31.32	33.24	35.17	35.56	38.47	38.41	40.02	40.43	41.58	38.34	37.19	36.66	33.93	30.90	28.66
23571	0.46	0.42	0.29	0.37	0.33	0.37	0.51	0.56	0.62	0.61	0.56	0.49	0.59	0.68	0.68	0.86	0.91	0.97	0.90	0.80	0.82	0.89	0.75	0.73
	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___2 23572	25.90 0.46 0.00	23.89 0.42 0.00	22.64 0.29 0.00	22.38 0.37 0.00	22.50 0.33 0.00	23.79 0.37 0.00	27.37 0.51 0.00	28.78 0.56 0.00	30.28 0.62 0.00	31.32 0.61 0.00	33.24 0.56 0.00	35.17 0.49 0.00	35.56 0.59 0.00	38.47 0.68 0.00	38.41 0.68 0.00	40.02 0.86 0.00	40.43 0.91 0.00	41.58 0.97 0.00	38.34 0.90 0.00	37.19 0.80 0.00	36.66 0.82 0.00	33.93 0.89 0.00	30.90 0.75 0.00	28.66 0.73 0.00
ALBANY___3 23573	25.90 0.46 0.00	23.89 0.42 0.00	22.64 0.29 0.00	22.38 0.37 0.00	22.50 0.33 0.00	23.79 0.37 0.00	27.37 0.51 0.00	28.78 0.56 0.00	30.28 0.62 0.00	31.32 0.61 0.00	33.24 0.56 0.00	35.17 0.49 0.00	35.56 0.59 0.00	38.47 0.68 0.00	38.41 0.68 0.00	40.02 0.86 0.00	40.43 0.91 0.00	41.58 0.97 0.00	38.34 0.90 0.00	37.19 0.80 0.00	36.66 0.82 0.00	33.93 0.89 0.00	30.90 0.75 0.00	28.66 0.73 0.00
ALBANY___4 23574	25.90 0.46 0.00	23.89 0.42 0.00	22.64 0.29 0.00	22.38 0.37 0.00	22.50 0.33 0.00	23.79 0.37 0.00	27.37 0.51 0.00	28.78 0.56 0.00	30.28 0.62 0.00	31.32 0.61 0.00	33.24 0.56 0.00	35.17 0.49 0.00	35.56 0.59 0.00	38.47 0.68 0.00	38.41 0.68 0.00	40.02 0.86 0.00	40.43 0.91 0.00	41.58 0.97 0.00	38.34 0.90 0.00	37.19 0.80 0.00	36.66 0.82 0.00	33.93 0.89 0.00	30.90 0.75 0.00	28.66 0.73 0.00
ALBANY___LFGE 323615	26.15 0.71 0.00	24.17 0.70 0.00	22.86 0.51 0.00	22.58 0.57 0.00	22.72 0.55 0.00	24.12 0.70 0.00	27.69 0.83 0.00	29.09 0.88 0.00	30.64 0.98 0.00	31.72 1.01 0.00	33.67 0.98 0.00	35.62 0.94 0.00	35.98 1.01 0.00	38.92 1.13 0.00	38.91 1.17 0.00	40.52 1.37 0.00	40.95 1.42 0.00	42.11 1.50 0.00	38.87 1.42 0.00	37.74 1.35 0.00	37.12 1.29 0.00	34.32 1.29 0.00	31.26 1.12 0.00	28.99 1.06 0.00
ALCOA_PA_115KV_PL-6C 55860	22.97 -0.66 1.81	22.90 -0.56 0.01	22.04 -0.31 0.00	21.79 -0.22 0.00	21.92 -0.24 0.00	23.04 -0.37 0.00	26.30 -0.56 0.00	27.60 -0.62 0.00	28.98 -0.68 0.00	30.00 -0.71 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	32.24 -1.01 1.71	30.69 -1.17 5.93	30.53 -1.13 6.07	26.49 -1.21 11.45	37.19 -1.26 1.07	37.21 -1.34 2.06	31.89 -1.20 4.35	35.36 -1.02 0.01	34.94 -0.90 0.00	32.18 -0.86 0.00	29.30 -0.84 0.00	27.18 -0.75 0.00
ALCOA_RYNLDS___DRP 24188	22.97 -0.66 1.81	22.90 -0.56 0.01	22.04 -0.31 0.00	21.79 -0.22 0.00	21.92 -0.24 0.00	23.04 -0.37 0.00	26.30 -0.56 0.00	27.60 -0.62 0.00	28.98 -0.68 0.00	30.00 -0.71 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	32.24 -1.01 1.71	30.69 -1.17 5.93	30.53 -1.13 6.07	26.49 -1.21 11.45	37.19 -1.26 1.07	37.21 -1.34 2.06	31.89 -1.20 4.35	35.36 -1.02 0.01	34.94 -0.90 0.00	32.18 -0.86 0.00	29.30 -0.84 0.00	27.18 -0.75 0.00
ALCOA___DSASP 323711	22.97 -0.66 1.81	22.88 -0.59 0.01	22.04 -0.31 0.00	21.79 -0.22 0.00	21.92 -0.24 0.00	22.88 -0.54 0.00	26.29 -0.57 0.00	27.60 -0.62 0.00	28.98 -0.68 0.00	30.00 -0.71 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	32.24 -1.02 1.71	30.69 -1.17 5.93	30.53 -1.13 6.07	26.49 -1.21 11.45	37.19 -1.27 1.07	37.21 -1.34 2.06	31.89 -1.20 4.35	35.25 -1.13 0.01	34.94 -0.89 0.00	32.18 -0.86 0.00	29.30 -0.84 0.00	27.18 -0.75 0.00
ALLEGHENY___COGEN 23514	26.56 1.12 0.00	24.39 0.91 0.00	23.00 0.65 0.00	22.49 0.48 0.00	22.67 0.51 0.00	24.49 1.08 0.00	27.69 0.83 0.00	29.04 0.82 0.00	29.90 0.24 0.00	30.89 0.19 0.00	33.28 0.59 0.00	35.55 0.87 0.00	35.14 0.18 0.00	38.47 0.68 0.00	38.30 0.57 0.00	39.39 0.24 0.00	39.76 0.24 0.00	41.14 0.53 0.00	38.42 0.97 0.00	37.81 1.42 0.00	37.16 1.33 0.00	33.80 0.76 0.00	31.17 1.03 0.00	28.77 0.84 0.00
ALTAMONT_115KV_TB 2 55880	26.20 0.76 0.00	24.18 0.70 0.00	22.89 0.54 0.00	22.58 0.57 0.00	22.72 0.55 0.00	24.05 0.63 0.00	27.69 0.83 0.00	29.09 0.87 0.00	30.61 0.95 0.00	31.66 0.95 0.00	33.64 0.95 0.00	35.62 0.94 0.00	35.98 1.01 0.00	38.92 1.13 0.00	38.87 1.13 0.00	40.49 1.33 0.00	40.91 1.38 0.00	42.03 1.42 0.00	38.79 1.35 0.00	37.63 1.24 0.00	37.09 1.25 0.00	34.26 1.22 0.00	31.23 1.09 0.00	28.93 1.01 0.00
ALTONA_WT_PWR 323606	22.90 -0.69 1.85	22.85 -0.61 0.01	21.99 -0.36 0.00	21.81 -0.20 0.00	21.96 -0.20 0.00	22.95 -0.47 0.00	26.46 -0.40 0.00	27.80 -0.42 0.00	29.16 -0.50 0.00	30.16 -0.55 0.00	31.84 -0.85 0.00	33.82 -0.87 0.00	32.27 -0.94 1.75	30.74 -0.98 6.06	30.43 -1.10 6.21	26.39 -1.06 11.71	37.37 -1.07 1.09	37.49 -1.01 2.10	31.83 -1.16 4.45	35.22 -1.17 0.01	34.90 -0.93 0.00	32.11 -0.92 0.00	29.09 -1.06 0.00	26.92 -1.00 0.00
AMERICAN_REF_FUEL 24010	25.01 -0.43 0.00	22.98 -0.49 0.00	21.70 -0.65 0.00	21.11 -0.90 0.00	21.25 -0.91 0.00	23.04 -0.38 0.00	25.73 -1.13 0.00	27.15 -1.07 0.00	28.33 -1.33 0.00	29.48 -1.23 0.00	32.07 -0.62 0.00	34.54 -0.14 0.00	33.88 -1.08 0.00	37.22 -0.57 0.00	36.75 -0.98 0.00	37.51 -1.64 0.00	37.67 -1.86 0.00	38.66 -1.95 0.00	35.65 -1.80 0.00	34.64 -1.75 0.00	33.79 -2.04 0.00	30.69 -2.34 0.00	28.67 -1.48 0.00	26.87 -1.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.36 -0.08 0.00	23.33 -0.14 0.00	22.06 -0.29 0.00	21.52 -0.48 0.00	21.79 -0.38 0.00	23.74 0.33 0.00	26.83 -0.03 0.00	28.61 0.39 0.00	29.99 0.33 0.00	31.29 0.58 0.00	34.06 1.37 0.00	36.59 1.91 0.00	35.98 1.01 0.00	39.53 1.74 0.00	38.98 1.24 0.00	39.94 0.78 0.00	40.00 0.48 0.00	40.73 0.12 0.00	37.63 0.19 0.00	36.28 -0.11 0.00	35.22 -0.61 0.00	31.95 -1.09 0.00	29.79 -0.36 0.00	27.73 -0.19 0.00
ARTHUR KILL_GT_1 23520	27.65 2.21 0.00	25.30 1.83 0.00	23.80 1.45 0.00	23.37 1.37 0.00	23.54 1.37 0.00	25.15 1.73 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.74 3.05 0.00	38.46 3.50 0.00	41.49 3.71 0.00	41.47 3.74 0.00	99.70 4.46 -56.09	82.18 4.54 -38.11	51.98 4.47 -6.90	94.78 4.16 -53.18	42.15 3.93 -1.82	39.54 3.66 -0.06	36.41 3.37 0.00	33.30 3.04 -0.11	30.74 2.79 -0.02
ARTHUR_KILL_2 23512	27.55 2.11 0.00	25.23 1.76 0.00	23.74 1.39 0.00	23.31 1.30 0.00	23.47 1.31 0.00	25.05 1.64 0.00	28.87 2.02 0.00	30.53 2.31 0.00	32.30 2.64 0.00	33.38 2.67 0.00	35.57 2.88 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	99.51 4.27 -56.09	81.98 4.35 -38.11	51.81 4.30 -6.90	94.60 3.97 -53.18	41.96 3.75 -1.82	39.40 3.51 -0.06	36.28 3.24 0.00	33.18 2.92 -0.11	30.63 2.68 -0.02
ARTHUR_KILL_3 23513	27.29 1.86 0.00	25.07 1.60 0.00	23.62 1.27 0.00	23.26 1.25 0.00	23.40 1.24 0.00	25.01 1.59 0.00	28.85 1.99 0.00	30.48 2.26 0.00	32.27 2.61 0.00	33.32 2.61 0.00	35.46 2.78 0.00	37.53 2.84 0.00	38.11 3.15 0.00	41.08 3.29 0.00	41.02 3.28 0.00	42.99 3.84 0.00	43.40 3.88 0.00	44.39 3.78 0.00	41.04 3.60 0.00	40.74 3.42 -0.93	39.16 3.29 -0.03	36.07 3.04 0.00	32.97 2.77 -0.05	30.45 2.51 -0.01

ARTHUR_KILL_COGEN 323718	27.65 2.21 0.00	25.30 1.83 0.00	23.80 1.45 0.00	23.37 1.37 0.00	23.54 1.37 0.00	25.15 1.73 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.74 3.05 0.00	38.46 3.50 0.00	41.49 3.71 0.00	41.47 3.74 0.00	99.70 4.46 -56.09	82.18 4.54 -38.11	51.98 4.47 -6.90	94.78 4.16 -53.18	42.15 3.93 -1.82	39.54 3.66 -0.06	36.41 3.37 0.00	33.30 3.04 -0.11	30.74 2.79 -0.02
ASHOKAN____ 23654	26.91 1.47 0.00	24.81 1.34 0.00	23.49 1.14 0.00	23.22 1.21 0.00	23.36 1.20 0.00	24.80 1.38 0.00	28.42 1.56 0.00	29.60 1.38 0.00	31.26 1.60 0.00	32.37 1.66 0.00	34.26 1.57 0.00	36.24 1.56 0.00	36.82 1.85 0.00	39.94 2.15 0.00	39.85 2.11 0.00	41.62 2.47 0.00	42.06 2.53 0.00	43.57 2.96 0.00	40.18 2.73 0.00	39.05 2.66 0.00	38.34 2.51 0.00	35.42 2.38 0.00	32.11 1.96 0.00	29.85 1.93 0.00
ASTORIA_EAST_ENERGY_CC1 323581	27.63 2.19 -0.01	25.36 1.88 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.27 1.85 -0.01	29.17 2.31 0.00	30.81 2.59 0.00	32.48 2.82 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 4.00 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.38 3.93 -0.01	40.18 3.78 -0.01	39.38 3.55 0.00	36.28 3.24 0.00	33.20 3.04 -0.01	30.76 2.82 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	27.63 2.19 -0.01	25.36 1.88 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.27 1.85 -0.01	29.17 2.31 0.00	30.81 2.59 0.00	32.48 2.82 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 4.00 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.38 3.93 -0.01	40.18 3.78 -0.01	39.38 3.55 0.00	36.28 3.24 0.00	33.20 3.04 -0.01	30.76 2.82 -0.01
ASTORIA_GT2_1 24094	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT2_2 24095	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT2_3 24096	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT2_4 24097	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT3_1 24098	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT3_2 24099	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT3_3 24100	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT3_4 24101	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT4_1 24102	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT4_2 24103	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT4_3 24104	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01

ASTORIA_GT4_4 24105	27.71 2.26 -0.01	25.33 1.85 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.18 1.76 -0.01	29.20 2.34 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.83 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.28 3.55 0.00	43.16 3.99 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.31 3.86 -0.01	40.00 3.60 -0.01	39.38 3.55 0.00	36.27 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA_GT_1 23523	27.71 2.26 -0.01	25.40 1.93 -0.01	23.95 1.59 -0.01	23.56 1.54 -0.01	23.72 1.55 -0.01	25.34 1.92 -0.01	29.25 2.39 0.00	30.90 2.68 0.00	32.57 2.91 0.00	33.59 2.89 0.00	35.76 3.07 0.00	37.70 3.02 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.39 3.66 0.00	43.31 4.15 -0.01	43.72 4.19 -0.01	44.80 4.18 -0.01	41.50 4.05 -0.01	40.29 3.90 -0.01	39.49 3.66 0.00	36.37 3.34 0.00	33.26 3.11 -0.01	30.84 2.90 -0.01
ASTORIA_GT_10 24110	27.57 2.14 0.00	25.21 1.74 0.00	23.78 1.43 0.00	23.37 1.36 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.04 2.18 0.00	30.67 2.46 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.70 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.34 3.55 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.89 4.27 -2.10	44.76 4.14 -0.01	41.27 3.82 -0.01	39.93 3.53 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.14 2.98 -0.01	30.64 2.71 0.00
ASTORIA_GT_11 24225	27.57 2.14 0.00	25.21 1.74 0.00	23.78 1.43 0.00	23.37 1.36 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.04 2.18 0.00	30.67 2.46 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.70 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.34 3.55 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.89 4.27 -2.10	44.76 4.14 -0.01	41.27 3.82 -0.01	39.93 3.53 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.14 2.98 -0.01	30.64 2.71 0.00
ASTORIA_GT_12 24226	27.57 2.14 0.00	25.21 1.74 0.00	23.78 1.43 0.00	23.37 1.36 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.04 2.18 0.00	30.67 2.46 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.70 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.34 3.55 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.89 4.27 -2.10	44.76 4.14 -0.01	41.27 3.82 -0.01	39.93 3.53 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.14 2.98 -0.01	30.64 2.71 0.00
ASTORIA_GT_13 24227	27.57 2.14 0.00	25.21 1.74 0.00	23.78 1.43 0.00	23.37 1.36 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.04 2.18 0.00	30.67 2.46 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.70 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.34 3.55 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.89 4.27 -2.10	44.76 4.14 -0.01	41.27 3.82 -0.01	39.93 3.53 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.14 2.98 -0.01	30.64 2.71 0.00
ASTORIA_GT_5 24106	27.76 2.31 -0.01	25.38 1.90 -0.01	23.95 1.59 -0.01	23.56 1.54 -0.01	23.72 1.55 -0.01	25.23 1.80 -0.01	29.25 2.39 0.00	30.90 2.68 0.00	32.57 2.91 0.00	33.59 2.89 0.00	35.76 3.07 0.00	37.70 3.02 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.40 3.66 0.00	43.27 4.11 -0.01	43.72 4.19 -0.01	44.80 4.18 -0.01	41.42 3.97 -0.01	40.11 3.71 -0.01	39.49 3.65 0.00	36.34 3.30 0.00	33.26 3.11 -0.01	30.84 2.90 -0.01
ASTORIA_GT_7 24107	27.76 2.31 -0.01	25.38 1.90 -0.01	23.95 1.59 -0.01	23.56 1.54 -0.01	23.72 1.55 -0.01	25.23 1.80 -0.01	29.25 2.39 0.00	30.90 2.68 0.00	32.57 2.91 0.00	33.59 2.89 0.00	35.76 3.07 0.00	37.70 3.02 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.40 3.66 0.00	43.27 4.11 -0.01	43.72 4.19 -0.01	44.80 4.18 -0.01	41.42 3.97 -0.01	40.11 3.71 -0.01	39.49 3.65 0.00	36.34 3.30 0.00	33.26 3.11 -0.01	30.84 2.90 -0.01
ASTORIA_GT_8 24108	27.76 2.31 -0.01	25.38 1.90 -0.01	23.95 1.59 -0.01	23.56 1.54 -0.01	23.72 1.55 -0.01	25.23 1.80 -0.01	29.25 2.39 0.00	30.90 2.68 0.00	32.57 2.91 0.00	33.59 2.89 0.00	35.76 3.07 0.00	37.70 3.02 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.40 3.66 0.00	43.27 4.11 -0.01	43.72 4.19 -0.01	44.80 4.18 -0.01	41.42 3.97 -0.01	40.11 3.71 -0.01	39.49 3.65 0.00	36.34 3.30 0.00	33.26 3.11 -0.01	30.84 2.90 -0.01
ASTORIA___2 24149	27.66 2.21 -0.01	25.36 1.88 -0.01	23.90 1.54 -0.01	23.53 1.52 -0.01	23.68 1.51 -0.01	25.30 1.87 -0.01	29.17 2.31 0.00	30.84 2.62 0.00	32.51 2.85 0.00	33.53 2.82 0.00	35.66 2.97 0.00	37.63 2.95 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.28 3.55 0.00	43.20 4.03 -0.01	43.64 4.11 -0.01	44.68 4.06 -0.01	41.42 3.97 -0.01	40.18 3.78 -0.01	39.42 3.58 0.00	36.28 3.24 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
ASTORIA___3 23516	27.52 2.09 0.00	25.23 1.76 0.00	23.78 1.43 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.17 1.76 0.00	29.03 2.17 0.00	30.67 2.45 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.69 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.34 3.55 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.86 4.23 -2.10	44.80 4.18 -0.01	41.38 3.93 -0.01	40.11 3.71 -0.01	39.35 3.51 0.00	36.24 3.20 0.00	33.14 2.99 -0.01	30.64 2.71 0.00
ASTORIA___4 23517	27.57 2.14 0.00	25.21 1.74 0.00	23.78 1.43 0.00	23.37 1.36 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.04 2.18 0.00	30.67 2.46 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.70 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.34 3.55 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.89 4.27 -2.10	44.76 4.14 -0.01	41.27 3.82 -0.01	39.93 3.53 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.14 2.98 -0.01	30.64 2.71 0.00
ASTORIA___5 23518	27.52 2.09 0.00	25.23 1.76 0.00	23.78 1.43 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.17 1.76 0.00	29.03 2.17 0.00	30.67 2.45 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.69 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.38 3.59 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.86 4.23 -2.10	44.80 4.18 -0.01	41.38 3.93 -0.01	40.11 3.71 -0.01	39.35 3.51 0.00	36.24 3.20 0.00	33.14 2.99 -0.01	30.64 2.71 0.00
AST_ENERGY_2_CC3 323677	27.37 1.93 0.00	25.11 1.64 0.00	23.67 1.32 0.00	23.31 1.30 0.00	23.47 1.31 0.00	25.05 1.64 0.00	28.90 2.04 0.00	30.53 2.31 0.00	32.30 2.64 0.00	33.35 2.64 0.00	35.53 2.84 0.00	37.60 2.91 0.00	38.18 3.21 0.00	41.19 3.40 0.00	41.09 3.36 0.00	43.11 3.95 0.00	43.56 4.03 0.00	44.55 3.94 0.00	41.12 3.67 0.00	39.88 3.49 0.00	39.13 3.29 0.00	36.11 3.07 0.00	32.95 2.80 0.00	30.47 2.54 0.00
AST_ENERGY_2_CC4 323678	27.37 1.93 0.00	25.11 1.64 0.00	23.67 1.32 0.00	23.31 1.30 0.00	23.47 1.31 0.00	25.05 1.64 0.00	28.90 2.04 0.00	30.53 2.31 0.00	32.30 2.64 0.00	33.35 2.64 0.00	35.53 2.84 0.00	37.60 2.91 0.00	38.18 3.21 0.00	41.19 3.40 0.00	41.09 3.36 0.00	43.11 3.95 0.00	43.56 4.03 0.00	44.55 3.94 0.00	41.12 3.67 0.00	39.88 3.49 0.00	39.13 3.29 0.00	36.11 3.07 0.00	32.95 2.80 0.00	30.47 2.54 0.00

ATHENS_STG_1 23668	26.35 0.91 0.00	24.29 0.82 0.00	22.98 0.62 0.00	22.65 0.64 0.00	22.81 0.64 0.00	24.24 0.82 0.00	27.85 0.99 0.00	29.29 1.07 0.00	30.88 1.22 0.00	31.94 1.23 0.00	33.93 1.24 0.00	35.93 1.25 0.00	36.37 1.40 0.00	39.34 1.55 0.00	39.25 1.51 0.00	40.96 1.80 0.00	41.38 1.86 0.00	42.48 1.87 0.00	39.17 1.72 0.00	38.06 1.67 0.00	37.37 1.54 0.00	34.52 1.49 0.00	31.47 1.32 0.00	29.16 1.23 0.00
ATHENS_STG_2 23670	26.35 0.91 0.00	24.29 0.82 0.00	22.98 0.62 0.00	22.65 0.64 0.00	22.81 0.64 0.00	24.24 0.82 0.00	27.85 0.99 0.00	29.29 1.07 0.00	30.88 1.22 0.00	31.94 1.23 0.00	33.93 1.24 0.00	35.93 1.25 0.00	36.37 1.40 0.00	39.34 1.55 0.00	39.25 1.51 0.00	40.96 1.80 0.00	41.38 1.86 0.00	42.48 1.87 0.00	39.17 1.72 0.00	38.06 1.67 0.00	37.37 1.54 0.00	34.52 1.49 0.00	31.47 1.32 0.00	29.16 1.23 0.00
ATHENS_STG_3 23677	26.35 0.91 0.00	24.29 0.82 0.00	22.98 0.62 0.00	22.65 0.64 0.00	22.81 0.64 0.00	24.24 0.82 0.00	27.85 0.99 0.00	29.29 1.07 0.00	30.88 1.22 0.00	31.94 1.23 0.00	33.93 1.24 0.00	35.93 1.25 0.00	36.37 1.40 0.00	39.34 1.55 0.00	39.25 1.51 0.00	40.96 1.80 0.00	41.38 1.86 0.00	42.48 1.87 0.00	39.17 1.72 0.00	38.06 1.67 0.00	37.37 1.54 0.00	34.52 1.49 0.00	31.47 1.32 0.00	29.16 1.23 0.00
AUBURN___LFGE 323710	25.79 0.36 0.00	23.78 0.31 0.00	22.51 0.16 0.00	22.07 0.07 0.00	22.25 0.09 0.00	23.60 0.19 0.00	27.24 0.38 0.00	28.73 0.51 0.00	30.47 0.42 -0.40	31.79 0.52 -0.56	34.28 0.69 -0.91	36.18 0.83 -0.67	36.57 0.63 -0.98	39.73 0.87 -1.08	39.46 0.75 -0.97	40.82 0.70 -0.96	41.07 0.67 -0.88	41.84 0.69 -0.54	38.56 0.60 -0.52	36.90 0.47 -0.04	36.35 0.39 -0.12	33.41 0.20 -0.17	30.42 0.27 0.00	28.07 0.14 0.00
BABYLON_RES_REC 323704	33.24 2.47 -5.34	28.09 2.21 -2.42	28.76 1.85 -4.56	26.72 1.81 -2.91	27.52 1.84 -3.52	31.66 2.18 -6.07	33.93 2.60 -4.46	33.97 2.88 -2.87	35.74 3.23 -2.84	35.63 3.25 -1.67	37.62 3.14 -1.80	40.65 3.19 -2.78	41.07 3.46 -2.64	41.60 3.78 -0.03	41.47 3.74 0.00	43.35 4.19 0.00	46.32 4.23 -2.56	46.31 4.22 -1.48	41.38 3.93 0.00	40.32 3.93 0.00	39.38 3.55 0.00	36.47 3.44 0.00	34.42 3.38 -0.90	34.15 3.07 -3.15
BABYLON__69_KV_BK2 356345	33.62 2.85 -5.33	28.34 2.46 -2.41	29.04 2.15 -4.55	26.98 2.07 -2.90	27.81 2.13 -3.52	31.84 2.37 -6.06	34.27 2.95 -4.46	34.33 3.25 -2.87	36.17 3.68 -2.83	36.09 3.72 -1.66	38.43 3.96 -1.79	41.59 4.13 -2.78	41.97 4.37 -2.64	42.57 4.76 -0.02	42.34 4.60 0.00	44.36 5.21 0.00	47.46 5.38 -2.56	47.40 5.32 -1.47	42.35 4.91 0.00	40.79 4.40 0.00	39.95 4.12 0.00	37.20 4.16 0.00	34.87 3.83 -0.89	34.59 3.52 -3.14
BALL_HILL_WT_PWR 323825	25.62 0.18 0.00	23.57 0.09 0.00	22.24 -0.11 0.00	21.63 -0.37 0.00	21.85 -0.31 0.00	23.70 0.28 0.00	26.64 -0.22 0.00	28.25 0.03 0.00	29.51 -0.15 0.00	30.71 0.00 0.00	33.41 0.72 0.00	35.90 1.21 0.00	35.31 0.35 0.00	38.81 1.02 0.00	38.30 0.57 0.00	39.27 0.12 0.00	39.41 -0.12 0.00	40.28 -0.33 0.00	37.22 -0.22 0.00	36.03 -0.36 0.00	35.08 -0.75 0.00	31.88 -1.16 0.00	29.73 -0.42 0.00	27.70 -0.22 0.00
BARON_WINDS___WT_PWR 323822	25.49 0.05 0.00	23.45 -0.02 0.00	22.10 -0.25 0.00	21.57 -0.44 0.00	21.79 -0.38 0.00	23.53 0.12 0.00	26.64 -0.22 0.00	28.22 0.00 0.00	29.58 -0.18 -0.10	30.78 -0.06 -0.14	33.33 0.42 -0.22	35.61 0.76 -0.16	35.42 0.21 -0.24	38.77 0.72 -0.26	38.46 0.49 -0.24	39.59 0.20 -0.23	39.82 0.08 -0.21	40.70 -0.04 -0.13	37.61 0.04 -0.13	36.40 0.00 -0.01	35.54 -0.32 -0.03	32.45 -0.63 -0.04	29.94 -0.21 0.00	27.70 -0.22 0.00
BARRETT_IC_1 23704	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_10 23701	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_11 23702	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_12 23703	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_2 23705	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_3 23706	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_4 23707	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15

BARRETT_IC_5 23708	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_6 23709	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_7 23710	33.01 2.24 -5.33	27.78 1.90 -2.41	28.51 1.61 -4.55	26.47 1.56 -2.90	27.27 1.60 -3.52	31.28 1.80 -6.06	33.65 2.34 -4.46	33.65 2.57 -2.87	35.34 2.85 -2.83	35.26 2.89 -1.66	37.48 3.01 -1.79	40.44 2.98 -2.77	40.85 3.25 -2.63	41.27 3.48 -0.01	41.09 3.36 0.00	43.07 3.92 0.00	46.15 4.07 -2.55	46.06 3.98 -1.47	41.08 3.63 0.00	39.77 3.38 0.00	39.02 3.19 0.00	36.34 3.30 0.00	34.05 3.01 -0.89	33.84 2.76 -3.14
BARRETT_IC_8 23711	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT_IC_9 23700	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT___1 23545	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BARRETT___2 23546	32.99 2.21 -5.34	27.83 1.95 -2.42	28.52 1.61 -4.56	26.48 1.56 -2.91	27.28 1.60 -3.52	31.42 1.94 -6.07	33.66 2.34 -4.46	33.66 2.57 -2.87	35.35 2.85 -2.84	35.27 2.89 -1.67	37.49 3.01 -1.80	40.44 2.98 -2.78	40.86 3.25 -2.64	41.28 3.47 -0.01	41.17 3.43 0.00	43.15 4.00 0.00	46.16 4.07 -2.56	46.11 4.02 -1.48	41.19 3.74 0.00	39.96 3.57 0.00	39.20 3.37 0.00	36.24 3.20 0.00	34.06 3.01 -0.90	33.85 2.77 -3.15
BATAVIA__115KV_TB1 55881	25.90 0.46 0.00	23.85 0.38 0.00	22.51 0.16 0.00	21.96 -0.04 0.00	22.14 -0.02 0.00	23.56 0.14 0.00	26.91 0.05 0.00	28.53 0.31 0.00	29.75 0.09 0.00	30.92 0.21 0.00	33.64 0.95 0.00	36.17 1.49 0.00	35.52 0.56 0.00	39.04 1.25 0.00	38.49 0.75 0.00	39.47 0.31 0.00	39.64 0.12 0.00	40.77 0.16 0.00	37.86 0.41 0.00	36.64 0.25 0.00	35.65 -0.18 0.00	32.34 -0.69 0.00	30.06 -0.09 0.00	27.98 0.06 0.00
BAYONEEC___CTG1 323682	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG10 323750	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG2 323683	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG3 323684	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG4 323685	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG5 323686	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG6 323687	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00

BAYONEEC___CTG7 323688	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG8 323689	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BAYONEEC___CTG9 323749	27.40 1.96 0.00	25.16 1.69 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.49 1.33 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.63 2.95 0.00	38.25 3.29 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 4.00 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.92 3.53 0.00	39.20 3.37 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BEACON___LESR 323632	26.28 0.84 0.00	24.29 0.82 0.00	22.95 0.60 0.00	22.67 0.66 0.00	22.81 0.64 0.00	24.24 0.82 0.00	27.82 0.97 0.00	29.26 1.04 0.00	30.79 1.13 0.00	31.90 1.20 0.00	33.83 1.14 0.00	35.83 1.14 0.00	36.19 1.22 0.00	39.15 1.36 0.00	39.13 1.40 0.00	40.80 1.64 0.00	41.18 1.66 0.00	42.44 1.83 0.00	39.13 1.69 0.00	38.03 1.64 0.00	37.37 1.54 0.00	34.56 1.52 0.00	31.47 1.32 0.00	29.16 1.23 0.00
BEAVER RIVER___HYD 24048	24.49 -0.43 0.52	23.07 -0.40 0.00	21.92 -0.43 0.00	21.63 -0.37 0.00	21.76 -0.40 0.00	23.07 -0.35 0.00	26.56 -0.29 0.00	27.94 -0.28 0.00	29.45 -0.44 -0.23	30.57 -0.46 -0.32	32.59 -0.62 -0.53	34.34 -0.73 -0.39	34.24 -0.80 -0.08	35.81 -0.91 1.07	35.70 -0.87 1.17	35.85 -0.59 2.72	39.18 -0.55 -0.21	40.05 -0.28 0.27	36.31 -0.19 0.95	36.34 -0.07 -0.02	35.80 -0.11 -0.07	33.01 -0.13 -0.10	29.94 -0.21 0.00	27.62 -0.31 0.00
BEEBEE_GT_13 23619	25.59 0.15 0.00	23.56 0.09 0.00	22.28 -0.07 0.00	21.79 -0.22 0.00	21.94 -0.22 0.00	23.30 -0.12 0.00	26.67 -0.19 0.00	28.22 0.00 0.00	29.51 -0.15 0.00	30.71 0.00 0.00	33.18 0.49 0.00	35.58 0.90 0.00	35.21 0.24 0.00	38.47 0.68 0.00	38.07 0.34 0.00	39.27 0.12 0.00	39.48 -0.04 0.00	40.57 -0.04 0.00	37.52 0.07 0.00	36.35 -0.04 0.00	35.47 -0.36 0.00	32.34 -0.69 0.00	29.85 -0.30 0.00	27.71 -0.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.85 2.42 0.00	25.42 1.95 0.00	23.96 1.61 0.00	23.53 1.52 0.00	23.69 1.53 0.00	25.20 1.78 0.00	29.22 2.36 0.00	30.90 2.68 0.00	32.71 3.05 0.00	33.81 3.10 0.00	36.02 3.33 0.00	38.08 3.40 0.00	38.81 3.85 0.00	41.83 4.04 0.00	41.77 4.04 0.00	100.19 4.74 -56.29	82.62 4.86 -38.24	52.34 4.79 -6.94	94.97 4.34 -53.18	42.25 4.04 -1.82	39.87 3.98 -0.06	36.64 3.60 0.00	33.61 3.35 -0.11	30.96 3.02 -0.02
BETHLEHEM___GRP 23843	25.90 0.46 0.00	23.89 0.42 0.00	22.64 0.29 0.00	22.38 0.37 0.00	22.50 0.33 0.00	23.79 0.37 0.00	27.37 0.51 0.00	28.78 0.56 0.00	30.28 0.62 0.00	31.32 0.61 0.00	33.24 0.56 0.00	35.17 0.49 0.00	35.56 0.59 0.00	38.47 0.68 0.00	38.41 0.68 0.00	40.02 0.86 0.00	40.43 0.91 0.00	41.58 0.97 0.00	38.34 0.90 0.00	37.19 0.80 0.00	36.66 0.82 0.00	33.93 0.89 0.00	30.90 0.75 0.00	28.66 0.73 0.00
BETHLEHEM___GS1 323560	25.87 0.43 0.00	23.92 0.44 0.00	22.64 0.29 0.00	22.34 0.33 0.00	22.50 0.33 0.00	23.86 0.44 0.00	27.37 0.51 0.00	28.78 0.56 0.00	30.28 0.62 0.00	31.32 0.61 0.00	33.24 0.56 0.00	35.17 0.49 0.00	35.56 0.59 0.00	38.47 0.68 0.00	38.41 0.68 0.00	40.02 0.86 0.00	40.43 0.91 0.00	41.58 0.97 0.00	38.38 0.94 0.00	37.30 0.91 0.00	36.66 0.82 0.00	33.93 0.89 0.00	30.90 0.75 0.00	28.65 0.72 0.00
BETHLEHEM___GS2 323561	25.87 0.43 0.00	23.92 0.44 0.00	22.64 0.29 0.00	22.34 0.33 0.00	22.50 0.33 0.00	23.86 0.44 0.00	27.37 0.51 0.00	28.78 0.56 0.00	30.28 0.62 0.00	31.32 0.61 0.00	33.24 0.56 0.00	35.17 0.49 0.00	35.56 0.59 0.00	38.47 0.68 0.00	38.41 0.68 0.00	40.02 0.86 0.00	40.43 0.91 0.00	41.58 0.97 0.00	38.38 0.94 0.00	37.30 0.91 0.00	36.66 0.82 0.00	33.93 0.89 0.00	30.90 0.75 0.00	28.65 0.72 0.00
BETHLEHEM___GS3 323562	25.87 0.43 0.00	23.92 0.44 0.00	22.64 0.29 0.00	22.34 0.33 0.00	22.50 0.33 0.00	23.86 0.44 0.00	27.37 0.51 0.00	28.78 0.56 0.00	30.28 0.62 0.00	31.32 0.61 0.00	33.24 0.56 0.00	35.17 0.49 0.00	35.56 0.59 0.00	38.47 0.68 0.00	38.41 0.68 0.00	40.02 0.86 0.00	40.43 0.91 0.00	41.58 0.97 0.00	38.38 0.94 0.00	37.30 0.91 0.00	36.66 0.82 0.00	33.93 0.89 0.00	30.90 0.75 0.00	28.65 0.72 0.00
BETHLEHEM___STEEL 23779	25.56 0.13 0.00	23.54 0.07 0.00	22.24 -0.11 0.00	21.63 -0.37 0.00	21.83 -0.33 0.00	23.23 -0.19 0.00	26.56 -0.30 0.00	28.11 -0.11 0.00	29.33 -0.33 0.00	30.52 -0.18 0.00	33.18 0.49 0.00	35.76 1.08 0.00	35.14 0.17 0.00	38.66 0.87 0.00	38.11 0.38 0.00	39.04 -0.12 0.00	39.17 -0.36 0.00	40.16 -0.45 0.00	37.33 -0.11 0.00	36.03 -0.36 0.00	34.97 -0.86 0.00	31.75 -1.29 0.00	29.60 -0.54 0.00	27.65 -0.28 0.00
BETHLHEM_115KV_TB1 79974	25.95 0.51 0.00	23.94 0.47 0.00	22.71 0.36 0.00	22.43 0.42 0.00	22.54 0.38 0.00	23.84 0.42 0.00	27.42 0.56 0.00	28.84 0.62 0.00	30.34 0.68 0.00	31.41 0.71 0.00	33.34 0.65 0.00	35.27 0.59 0.00	35.66 0.70 0.00	38.54 0.76 0.00	38.53 0.79 0.00	40.13 0.98 0.00	40.55 1.03 0.00	41.67 1.06 0.00	38.46 1.01 0.00	37.30 0.91 0.00	36.73 0.90 0.00	33.99 0.96 0.00	30.96 0.81 0.00	28.71 0.78 0.00
BETHPAGE_CC_5 323564	33.22 2.44 -5.34	28.04 2.16 -2.42	28.72 1.81 -4.56	26.68 1.76 -2.91	27.48 1.79 -3.52	31.57 2.08 -6.07	33.77 2.44 -4.46	33.80 2.71 -2.87	35.53 3.03 -2.84	35.45 3.07 -1.67	37.75 3.27 -1.80	40.83 3.36 -2.78	41.18 3.57 -2.64	41.68 3.86 -0.04	41.54 3.81 0.00	43.54 4.38 0.00	46.55 4.46 -2.56	46.52 4.43 -1.48	41.57 4.12 0.00	40.29 3.90 0.00	39.45 3.62 0.00	36.54 3.50 0.00	34.21 3.16 -0.90	33.98 2.90 -3.15
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.64 0.20 0.00	23.59 0.12 0.00	22.28 -0.07 0.00	21.68 -0.33 0.00	21.87 -0.29 0.00	23.30 -0.12 0.00	26.64 -0.21 0.00	28.19 -0.03 0.00	29.42 -0.24 0.00	30.65 -0.06 0.00	33.31 0.62 0.00	35.90 1.21 0.00	35.28 0.31 0.00	38.81 1.02 0.00	38.30 0.57 0.00	39.23 0.08 0.00	39.33 -0.20 0.00	40.33 -0.28 0.00	37.48 0.04 0.00	36.14 -0.25 0.00	35.08 -0.75 0.00	31.85 -1.19 0.00	29.69 -0.45 0.00	27.73 -0.20 0.00

BINGHAMTON___COGEN 23790	25.90 0.46 0.00	23.85 0.38 0.00	22.55 0.20 0.00	22.10 0.09 0.00	22.30 0.13 0.00	23.65 0.23 0.00	27.24 0.38 0.00	28.76 0.54 0.00	30.31 0.47 -0.18	31.48 0.52 -0.25	33.82 0.72 -0.41	35.92 0.94 -0.30	36.14 0.73 -0.44	39.26 0.98 -0.49	39.04 0.87 -0.44	40.45 0.86 -0.43	40.71 0.79 -0.40	41.67 0.81 -0.24	38.50 0.82 -0.23	37.06 0.66 -0.02	36.43 0.54 -0.06	33.44 0.33 -0.08	30.60 0.45 0.00	28.29 0.36 0.00
BIXINCNT_115KV_LOAD 355685	25.41 -0.03 0.00	23.40 -0.07 0.00	22.13 -0.22 0.00	21.50 -0.51 0.00	21.74 -0.42 0.00	23.14 -0.28 0.00	26.59 -0.27 0.00	28.19 -0.03 0.00	29.42 -0.24 0.00	30.55 -0.15 0.00	33.37 0.69 0.00	36.04 1.35 0.00	35.31 0.35 0.00	38.81 1.02 0.00	38.41 0.68 0.00	39.35 0.20 0.00	39.33 -0.20 0.00	40.20 -0.41 0.00	37.37 -0.07 0.00	35.84 -0.55 0.00	34.79 -1.04 0.00	31.58 -1.45 0.00	29.39 -0.75 0.00	27.43 -0.50 0.00
BLACK RIVER___HYD 24047	25.03 -0.05 0.36	23.42 -0.05 0.00	22.22 -0.13 0.00	21.92 -0.09 0.00	22.03 -0.13 0.00	23.42 0.00 0.00	26.99 0.13 0.00	28.33 0.11 0.00	29.96 -0.09 -0.39	31.23 -0.03 -0.55	33.42 -0.16 -0.89	35.10 -0.24 -0.66	35.21 -0.38 -0.63	37.22 -0.45 0.11	37.00 -0.49 0.24	37.52 -0.31 1.32	39.86 -0.32 -0.65	40.78 0.04 -0.13	37.21 0.11 0.35	36.71 0.29 -0.03	36.17 0.22 -0.12	33.37 0.17 -0.17	30.21 0.06 0.00	27.82 -0.11 0.00
BLACKRVR_115KV_TB2 79977	25.03 -0.05 0.36	23.42 -0.05 0.00	22.22 -0.13 0.00	21.92 -0.09 0.00	22.03 -0.13 0.00	23.39 -0.02 0.00	26.99 0.13 0.00	28.33 0.11 0.00	29.96 -0.09 -0.39	31.23 -0.03 -0.55	33.42 -0.16 -0.89	35.10 -0.24 -0.66	35.21 -0.38 -0.63	37.22 -0.45 0.11	37.00 -0.49 0.24	37.52 -0.31 1.32	39.86 -0.32 -0.65	40.82 0.08 -0.13	37.24 0.15 0.35	36.72 0.29 -0.03	36.21 0.25 -0.12	33.37 0.17 -0.17	30.21 0.06 0.00	27.82 -0.11 0.00
BLISS_WT_PWR 323608	25.36 -0.08 0.00	23.31 -0.16 0.00	22.04 -0.31 0.00	21.42 -0.59 0.00	21.65 -0.51 0.00	23.46 0.05 0.00	26.48 -0.38 0.00	28.08 -0.14 0.00	29.33 -0.33 0.00	30.43 -0.28 0.00	33.38 0.69 0.00	35.97 1.28 0.00	35.21 0.25 0.00	38.73 0.95 0.00	38.38 0.64 0.00	39.23 0.08 0.00	39.25 -0.27 0.00	39.96 -0.65 0.00	36.92 -0.52 0.00	35.55 -0.84 0.00	34.54 -1.29 0.00	31.35 -1.68 0.00	29.21 -0.93 0.00	27.29 -0.64 0.00
BLUESTONE___WT_PWR 323821	27.02 1.58 0.00	24.88 1.41 0.00	23.47 1.12 0.00	23.06 1.06 0.00	23.20 1.04 0.00	24.87 1.45 0.00	28.60 1.74 0.00	30.25 2.03 0.00	31.80 1.99 -0.16	33.01 2.09 -0.22	35.30 2.25 -0.35	37.68 2.74 -0.26	38.00 2.66 -0.38	41.12 2.91 -0.42	40.95 2.83 -0.38	42.31 2.78 -0.37	42.71 2.85 -0.34	43.95 3.13 -0.21	40.49 2.84 -0.20	39.10 2.69 -0.01	38.25 2.36 -0.05	35.19 2.08 -0.07	32.05 1.90 0.00	29.52 1.59 0.00
BLUE_CIRC_CHEM_DRP 24182	26.20 0.76 0.00	24.20 0.73 0.00	22.93 0.58 0.00	22.62 0.62 0.00	22.76 0.60 0.00	24.07 0.66 0.00	27.72 0.86 0.00	29.09 0.87 0.00	30.58 0.92 0.00	31.66 0.95 0.00	33.57 0.88 0.00	35.51 0.83 0.00	35.84 0.87 0.00	38.77 0.98 0.00	38.75 1.02 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.95 1.34 0.00	38.72 1.27 0.00	37.59 1.20 0.00	37.05 1.22 0.00	34.29 1.26 0.00	31.23 1.09 0.00	28.96 1.03 0.00
BOC_GAS_DRP 24189	26.10 0.66 0.00	24.06 0.59 0.00	22.80 0.45 0.00	22.49 0.48 0.00	22.63 0.47 0.00	23.95 0.54 0.00	27.56 0.70 0.00	28.98 0.76 0.00	30.49 0.83 0.00	31.54 0.83 0.00	33.51 0.82 0.00	35.48 0.80 0.00	35.87 0.91 0.00	38.77 0.98 0.00	38.72 0.98 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.87 1.26 0.00	38.61 1.16 0.00	37.45 1.06 0.00	36.87 1.04 0.00	34.09 1.06 0.00	31.08 0.93 0.00	28.82 0.89 0.00
BOONVILLE_115KV_TB1 79983	25.64 0.33 0.13	23.78 0.31 0.00	22.55 0.20 0.00	22.21 0.20 0.00	22.34 0.18 0.00	23.70 0.28 0.00	27.32 0.46 0.00	28.76 0.54 0.00	30.27 0.50 -0.11	31.38 0.52 -0.15	33.43 0.49 -0.25	35.49 0.62 -0.19	35.71 0.59 -0.15	38.31 0.64 0.12	38.21 0.64 0.16	39.39 0.78 0.55	40.56 0.87 -0.17	41.71 1.10 0.00	38.29 1.01 0.17	37.38 0.98 -0.01	36.76 0.90 -0.03	33.88 0.79 -0.05	30.78 0.63 0.00	28.43 0.50 0.00
BORALEX_4TH_BRANCH 23824	26.94 1.50 0.00	24.88 1.41 0.00	23.51 1.16 0.00	23.17 1.17 0.00	23.34 1.17 0.00	24.70 1.29 0.00	28.47 1.61 0.00	29.83 1.61 0.00	31.38 1.72 0.00	32.40 1.69 0.00	34.36 1.67 0.00	36.24 1.56 0.00	36.64 1.68 0.00	39.64 1.85 0.00	39.58 1.85 0.00	41.27 2.11 0.00	41.74 2.21 0.00	42.92 2.31 0.00	39.62 2.17 0.00	38.36 1.97 0.00	37.77 1.93 0.00	35.12 2.08 0.00	31.96 1.81 0.00	29.77 1.84 0.00
BOWLINE___1 23526	27.09 1.65 0.00	24.90 1.43 0.00	23.49 1.14 0.00	23.11 1.10 0.00	23.29 1.13 0.00	24.84 1.43 0.00	28.58 1.72 0.00	30.14 1.92 0.00	31.85 2.19 0.00	32.92 2.21 0.00	35.01 2.32 0.00	37.04 2.36 0.00	37.59 2.62 0.00	40.62 2.84 0.00	40.53 2.79 0.00	42.48 3.33 0.00	42.88 3.36 0.00	43.94 3.33 0.00	40.59 3.15 0.00	39.37 2.98 0.00	38.59 2.76 0.00	35.65 2.61 0.00	32.47 2.32 0.00	30.05 2.12 0.00
BOWLINE___2 23595	27.09 1.65 0.00	24.90 1.43 0.00	23.49 1.14 0.00	23.11 1.10 0.00	23.29 1.13 0.00	24.84 1.43 0.00	28.58 1.72 0.00	30.14 1.92 0.00	31.85 2.19 0.00	32.92 2.21 0.00	35.01 2.32 0.00	37.04 2.36 0.00	37.59 2.62 0.00	40.62 2.84 0.00	40.53 2.79 0.00	42.48 3.33 0.00	42.88 3.36 0.00	43.94 3.33 0.00	40.59 3.15 0.00	39.37 2.98 0.00	38.59 2.76 0.00	35.65 2.61 0.00	32.47 2.32 0.00	30.05 2.12 0.00
BRADY___115KV_TB2 356060	23.15 -0.59 1.70	22.99 -0.47 0.01	22.13 -0.22 0.00	21.88 -0.13 0.00	22.01 -0.16 0.00	23.16 -0.26 0.00	26.43 -0.43 0.00	27.65 -0.56 0.00	29.01 -0.65 0.00	30.00 -0.71 0.00	31.77 -0.92 0.00	33.64 -1.04 0.00	32.24 -1.12 1.61	30.93 -1.28 5.58	30.82 -1.21 5.71	27.06 -1.33 10.77	37.14 -1.38 1.01	37.30 -1.38 1.93	32.19 -1.16 4.09	35.47 -0.91 0.01	35.04 -0.79 0.00	32.28 -0.76 0.00	29.39 -0.75 0.00	27.23 -0.70 0.00
BRANSCOMB___SOLAR 323811	27.07 1.63 0.00	25.02 1.55 0.00	23.58 1.23 0.00	23.26 1.25 0.00	23.40 1.24 0.00	24.92 1.50 0.00	28.71 1.85 0.00	30.16 1.95 0.00	31.70 2.04 0.00	32.89 2.18 0.00	34.88 2.19 0.00	36.90 2.22 0.00	37.17 2.20 0.00	40.24 2.45 0.00	40.26 2.53 0.00	41.94 2.78 0.00	42.37 2.85 0.00	43.74 3.13 0.00	40.29 2.84 0.00	39.19 2.80 0.00	38.59 2.76 0.00	35.68 2.64 0.00	32.44 2.29 0.00	30.02 2.10 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.47 2.70 -5.33	28.23 2.35 -2.41	28.93 2.03 -4.55	26.89 1.98 -2.90	27.70 2.02 -3.52	31.72 2.25 -6.06	34.16 2.85 -4.46	34.22 3.13 -2.87	35.99 3.50 -2.83	35.87 3.50 -1.66	38.10 3.63 -1.79	41.27 3.78 -2.80	41.62 4.02 -2.64	42.19 4.38 -0.01	41.85 4.11 0.00	43.86 4.70 0.00	46.94 4.86 -2.56	46.91 4.83 -1.47	41.87 4.42 0.00	40.36 3.97 0.00	39.56 3.73 0.00	36.84 3.80 0.00	34.60 3.56 -0.89	34.37 3.30 -3.14

BRISTLHL_115KV_TB1 79998	25.23 -0.20 0.00	23.26 -0.21 0.00	22.06 -0.29 0.00	21.68 -0.33 0.00	21.83 -0.33 0.00	23.14 -0.28 0.00	26.62 -0.24 0.00	27.94 -0.28 0.00	30.14 -0.39 -0.87	31.58 -0.34 -1.21	34.39 -0.26 -1.96	35.92 -0.21 -1.45	36.70 -0.38 -2.12	39.85 -0.26 -2.33	39.50 -0.34 -2.10	40.84 -0.39 -2.08	40.99 -0.43 -1.90	41.33 -0.45 -1.17	38.15 -0.41 -1.12	36.00 -0.47 -0.08	35.60 -0.50 -0.27	32.85 -0.56 -0.37	29.73 -0.42 0.00	27.48 -0.45 0.00
BROOKHAVEN___DRP 24191	33.11 2.34 -5.33	27.90 2.02 -2.41	28.64 1.74 -4.55	26.58 1.67 -2.90	27.45 1.77 -3.52	31.39 1.92 -6.06	33.73 2.42 -4.46	33.79 2.71 -2.87	35.64 3.14 -2.83	35.50 3.13 -1.66	37.91 3.43 -1.79	41.03 3.57 -2.77	41.42 3.81 -2.64	41.97 4.16 -0.02	41.78 4.04 -0.01	43.82 4.66 -0.01	46.91 4.82 -2.56	46.87 4.79 -1.47	41.84 4.38 -0.01	40.25 3.86 0.00	39.31 3.48 0.00	36.67 3.63 0.00	34.33 3.29 -0.89	34.09 3.02 -3.14
BROOKLYN_NAVY_YARD 23515	27.40 1.96 0.00	25.14 1.67 0.00	23.69 1.34 0.00	23.31 1.30 0.00	23.47 1.31 0.00	25.08 1.66 0.00	28.93 2.07 0.00	30.59 2.37 0.00	32.39 2.73 0.00	33.41 2.70 0.00	35.57 2.88 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.26 3.47 0.00	41.17 3.43 0.00	43.23 4.07 0.00	43.71 4.19 0.00	44.67 4.06 0.00	41.23 3.78 0.00	39.96 3.57 0.00	39.24 3.41 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
BROOKLYN___ARMY_DRP 323595	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
BROOKVLE_69_KV_TB1 55790	33.31 2.54 -5.33	28.04 2.16 -2.41	28.75 1.86 -4.55	26.69 1.78 -2.90	27.50 1.82 -3.52	31.53 2.06 -6.06	33.95 2.63 -4.46	33.99 2.91 -2.87	35.79 3.29 -2.83	35.75 3.38 -1.66	38.24 3.76 -1.79	41.37 3.92 -2.77	41.80 4.20 -2.63	42.34 4.46 -0.09	42.00 4.26 0.00	43.97 4.82 0.00	47.06 4.98 -2.55	47.00 4.91 -1.47	41.86 4.42 0.00	40.57 4.18 0.00	39.77 3.94 0.00	36.90 3.87 0.00	34.48 3.44 -0.89	34.23 3.16 -3.14
BROOME_2_LFGE 323671	25.92 0.48 0.00	23.87 0.40 0.00	22.55 0.20 0.00	22.10 0.09 0.00	22.30 0.13 0.00	23.84 0.42 0.00	27.24 0.38 0.00	28.75 0.53 0.00	30.31 0.47 -0.18	31.48 0.52 -0.25	33.85 0.75 -0.41	35.92 0.94 -0.30	36.14 0.74 -0.44	39.26 0.98 -0.49	39.04 0.87 -0.44	40.41 0.82 -0.43	40.71 0.79 -0.40	41.62 0.77 -0.24	38.43 0.75 -0.23	37.10 0.69 -0.02	36.39 0.50 -0.06	33.44 0.33 -0.08	30.60 0.45 0.00	28.29 0.36 0.00
BROOME___LFGE 323600	25.92 0.48 0.00	23.87 0.40 0.00	22.55 0.20 0.00	22.10 0.09 0.00	22.30 0.13 0.00	23.84 0.42 0.00	27.24 0.38 0.00	28.75 0.53 0.00	30.31 0.47 -0.18	31.48 0.52 -0.25	33.85 0.75 -0.41	35.92 0.94 -0.30	36.14 0.74 -0.44	39.26 0.98 -0.49	39.04 0.87 -0.44	40.41 0.82 -0.43	40.71 0.79 -0.40	41.62 0.77 -0.24	38.43 0.75 -0.23	37.10 0.69 -0.02	36.39 0.50 -0.06	33.44 0.33 -0.08	30.60 0.45 0.00	28.29 0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	23.71 -0.74 0.99	22.81 -0.66 0.00	21.81 -0.54 0.00	21.55 -0.46 0.00	21.65 -0.51 0.00	22.88 -0.54 0.00	26.30 -0.56 0.00	27.54 -0.68 0.00	29.02 -0.80 -0.16	30.10 -0.83 -0.22	32.04 -1.01 -0.36	33.77 -1.18 -0.27	33.13 -1.29 0.54	33.51 -1.47 2.81	33.42 -1.40 2.92	31.96 -1.33 5.87	37.99 -1.30 0.23	38.57 -1.14 0.91	34.30 -0.97 2.17	35.53 -0.87 -0.01	35.06 -0.82 -0.05	32.31 -0.79 -0.07	29.36 -0.78 0.00	27.18 -0.75 0.00
BROWNSV1_27_KV_LOAD 356125	27.70 2.26 0.00	25.35 1.88 0.00	23.91 1.56 0.00	23.50 1.50 0.00	23.67 1.51 0.00	25.20 1.78 0.00	29.20 2.34 0.00	30.87 2.65 0.00	32.68 3.03 0.00	33.75 3.04 0.00	35.96 3.27 0.00	38.05 3.36 0.00	38.64 3.67 0.00	41.68 3.89 0.00	41.58 3.85 0.00	43.62 4.46 0.00	44.11 4.58 0.00	45.08 4.47 0.00	41.53 4.08 0.00	40.17 3.78 0.00	39.59 3.76 0.00	36.51 3.47 0.00	33.31 3.17 0.00	30.81 2.88 0.00
BURROWS___LYONSDAL 23803	25.36 0.13 0.21	23.59 0.12 0.00	22.39 0.04 0.00	22.07 0.07 0.00	22.18 0.02 0.00	23.53 0.12 0.00	27.13 0.27 0.00	28.56 0.34 0.00	30.06 0.27 -0.14	31.20 0.31 -0.19	33.22 0.23 -0.31	35.22 0.31 -0.23	35.35 0.24 -0.14	37.74 0.26 0.31	37.68 0.30 0.36	38.73 0.55 0.98	40.29 0.59 -0.17	41.41 0.85 0.05	37.95 0.82 0.32	37.20 0.80 -0.01	36.59 0.72 -0.04	33.72 0.63 -0.06	30.63 0.48 0.00	28.26 0.34 0.00
CAITHNESS_CC_1 323624	33.07 2.29 -5.34	27.93 2.04 -2.42	28.63 1.72 -4.56	26.59 1.67 -2.91	27.44 1.75 -3.52	31.52 2.04 -6.07	33.74 2.42 -4.46	33.77 2.68 -2.87	35.62 3.11 -2.84	35.48 3.10 -1.67	37.85 3.37 -1.80	40.93 3.47 -2.78	41.39 3.78 -2.65	41.94 4.12 -0.03	41.82 4.08 -0.01	43.90 4.74 -0.01	46.88 4.78 -2.57	46.88 4.79 -1.48	41.87 4.42 -0.01	40.68 4.29 0.00	39.70 3.87 0.00	36.70 3.67 0.00	34.33 3.29 -0.90	34.07 2.99 -3.15
CALPINE BETH_PAGE_GT4 24209	33.26 2.49 -5.33	28.01 2.14 -2.41	28.71 1.81 -4.55	26.67 1.76 -2.90	27.47 1.80 -3.52	31.46 1.99 -6.06	33.76 2.44 -4.46	33.77 2.68 -2.87	35.52 3.03 -2.83	35.41 3.04 -1.66	37.75 3.27 -1.79	40.85 3.40 -2.77	41.13 3.53 -2.63	41.64 3.82 -0.04	41.43 3.70 0.00	43.42 4.27 0.00	46.51 4.43 -2.55	46.43 4.35 -1.47	41.38 3.93 0.00	39.96 3.57 0.00	39.31 3.48 0.00	36.51 3.47 0.00	34.20 3.17 -0.89	33.95 2.88 -3.14
CALPINE_BETH_PAGE_GT_4 323586	33.22 2.44 -5.34	28.04 2.16 -2.42	28.72 1.81 -4.56	26.68 1.76 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.77 2.44 -4.46	33.77 2.68 -2.87	35.53 3.03 -2.84	35.42 3.04 -1.67	37.75 3.27 -1.80	40.86 3.40 -2.78	41.14 3.53 -2.64	41.65 3.82 -0.04	41.51 3.77 0.00	43.50 4.35 0.00	46.51 4.43 -2.56	46.48 4.39 -1.48	41.53 4.08 0.00	40.25 3.86 0.00	39.49 3.66 0.00	36.54 3.50 0.00	34.21 3.16 -0.90	33.96 2.88 -3.15
CALPINE_BP_GT1 23823	33.22 2.44 -5.34	28.04 2.16 -2.42	28.72 1.81 -4.56	26.68 1.76 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.77 2.44 -4.46	33.77 2.68 -2.87	35.53 3.03 -2.84	35.42 3.04 -1.67	37.75 3.27 -1.80	40.86 3.40 -2.78	41.14 3.53 -2.64	41.65 3.82 -0.04	41.51 3.77 0.00	43.50 4.35 0.00	46.51 4.43 -2.56	46.48 4.39 -1.48	41.53 4.08 0.00	40.25 3.86 0.00	39.49 3.66 0.00	36.54 3.50 0.00	34.21 3.16 -0.90	33.96 2.88 -3.15
CALSPAN___DRP 24200	25.56 0.13 0.00	23.54 0.07 0.00	22.24 -0.11 0.00	21.63 -0.37 0.00	21.83 -0.33 0.00	23.23 -0.19 0.00	26.56 -0.30 0.00	28.11 -0.11 0.00	29.33 -0.33 0.00	30.52 -0.18 0.00	33.18 0.49 0.00	35.76 1.08 0.00	35.14 0.17 0.00	38.66 0.87 0.00	38.11 0.38 0.00	39.04 -0.12 0.00	39.17 -0.36 0.00	40.16 -0.45 0.00	37.33 -0.11 0.00	36.03 -0.36 0.00	34.97 -0.86 0.00	31.75 -1.29 0.00	29.60 -0.54 0.00	27.65 -0.28 0.00

CALVERTON___SOLAR 323806	33.12 2.34 -5.34	27.97 2.09 -2.42	28.67 1.77 -4.56	26.65 1.74 -2.91	27.50 1.82 -3.52	31.59 2.11 -6.07	33.79 2.47 -4.46	33.86 2.77 -2.87	35.74 3.23 -2.84	35.63 3.25 -1.67	38.05 3.56 -1.80	41.18 3.71 -2.78	41.64 4.02 -2.65	42.24 4.42 -0.03	42.16 4.41 -0.01	44.29 5.13 -0.01	47.27 5.18 -2.57	47.29 5.20 -1.48	42.25 4.79 -0.01	41.01 4.62 0.00	39.99 4.15 0.00	37.00 3.96 0.00	34.51 3.47 -0.90	34.23 3.16 -3.15
CANDIGU_WT_PWR 323617	25.49 0.05 0.00	23.45 -0.02 0.00	22.10 -0.25 0.00	21.57 -0.44 0.00	21.79 -0.38 0.00	23.53 0.12 0.00	26.64 -0.22 0.00	28.22 0.00 0.00	29.58 -0.18 -0.10	30.78 -0.06 -0.14	33.33 0.42 -0.22	35.61 0.76 -0.16	35.42 0.21 -0.24	38.77 0.72 -0.26	38.46 0.49 -0.24	39.59 0.20 -0.23	39.82 0.08 -0.21	40.70 -0.04 -0.13	37.61 0.04 -0.13	36.40 0.00 -0.01	35.54 -0.32 -0.03	32.45 -0.63 -0.04	29.94 -0.21 0.00	27.70 -0.22 0.00
CARR STREET_E_SYR 24060	25.46 0.03 0.00	23.47 0.00 0.00	22.24 -0.11 0.00	21.83 -0.18 0.00	22.01 -0.15 0.00	23.44 0.02 0.00	26.83 -0.03 0.00	28.22 0.00 0.00	29.86 -0.06 -0.26	31.07 0.00 -0.36	33.40 0.13 -0.58	35.36 0.24 -0.43	35.70 0.11 -0.63	38.63 0.15 -0.69	38.44 0.08 -0.63	39.73 -0.04 -0.62	40.05 -0.04 -0.57	40.92 -0.04 -0.35	37.63 -0.15 -0.33	36.23 -0.18 -0.02	35.70 -0.21 -0.08	32.92 -0.23 -0.11	30.03 -0.12 0.00	27.76 -0.17 0.00
CARTHAGE___PAPER 23857	24.71 -0.30 0.42	23.19 -0.28 0.00	22.04 -0.31 0.00	21.75 -0.26 0.00	21.85 -0.31 0.00	23.18 -0.23 0.00	26.73 -0.13 0.00	28.08 -0.14 0.00	29.67 -0.33 -0.33	30.83 -0.34 -0.46	32.92 -0.52 -0.75	34.61 -0.62 -0.56	34.65 -0.74 -0.42	36.47 -0.83 0.49	36.30 -0.83 0.60	36.70 -0.59 1.87	39.45 -0.55 -0.48	40.34 -0.24 0.03	36.71 -0.15 0.58	36.46 0.04 -0.03	35.94 0.00 -0.10	33.15 -0.03 -0.14	30.03 -0.12 0.00	27.68 -0.25 0.00
CASSADAGA_WT_PWR 323784	25.39 -0.05 0.00	23.35 -0.12 0.00	22.06 -0.29 0.00	21.55 -0.46 0.00	21.81 -0.36 0.00	23.79 0.37 0.00	26.94 0.08 0.00	28.81 0.59 0.00	30.22 0.56 0.00	31.57 0.86 0.00	34.39 1.70 0.00	36.90 2.22 0.00	36.29 1.33 0.00	39.87 2.08 0.00	39.28 1.55 0.00	40.29 1.14 0.00	40.31 0.79 0.00	41.02 0.41 0.00	37.90 0.45 0.00	36.46 0.07 0.00	35.40 -0.43 0.00	32.15 -0.89 0.00	29.97 -0.18 0.00	27.82 -0.11 0.00
CE_DUNWOOD___DRP 24194	27.29 1.86 0.00	25.02 1.55 0.00	23.62 1.27 0.00	23.24 1.23 0.00	23.43 1.26 0.00	24.87 1.45 0.00	28.79 1.93 0.00	30.36 2.14 0.00	32.09 2.43 0.00	33.16 2.46 0.00	35.30 2.62 0.00	37.35 2.67 0.00	37.90 2.94 0.00	40.93 3.14 0.00	40.83 3.09 0.00	42.80 3.64 0.00	43.24 3.72 0.00	44.26 3.65 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.88 3.05 0.00	35.88 2.84 0.00	32.71 2.56 0.00	30.28 2.35 0.00
CE_MILLWOOD___DRP 24193	27.24 1.81 0.00	24.97 1.50 0.00	23.58 1.23 0.00	23.20 1.19 0.00	23.38 1.22 0.00	24.82 1.40 0.00	28.74 1.88 0.00	30.28 2.06 0.00	32.00 2.34 0.00	33.07 2.36 0.00	35.20 2.52 0.00	37.25 2.57 0.00	37.80 2.83 0.00	40.81 3.02 0.00	40.72 2.98 0.00	42.68 3.52 0.00	43.12 3.60 0.00	44.14 3.53 0.00	40.70 3.26 0.00	39.37 2.98 0.00	38.77 2.94 0.00	35.81 2.78 0.00	32.62 2.47 0.00	30.19 2.26 0.00
CE_NYC2_DRP 24202	27.57 2.14 0.00	25.21 1.74 0.00	23.78 1.43 0.00	23.39 1.39 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.06 2.20 0.00	30.70 2.48 0.00	32.48 2.82 0.00	33.53 2.83 0.00	35.70 3.01 0.00	37.73 3.05 0.00	38.39 3.43 0.00	41.38 3.59 0.00	41.32 3.58 0.00	45.97 4.19 -2.63	45.93 4.31 -2.10	44.80 4.18 -0.01	41.31 3.86 -0.01	39.96 3.57 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.17 3.01 -0.01	30.64 2.71 0.00
CE_NYC_DRP 24195	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.39 2.73 0.00	33.47 2.76 0.00	35.63 2.94 0.00	37.70 3.02 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.23 4.07 0.00	43.71 4.19 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.81 3.42 0.00	39.24 3.40 0.00	36.21 3.17 0.00	33.04 2.89 0.00	30.55 2.63 0.00
CHAFFEE___LFGE 323603	25.77 0.33 0.00	23.66 0.19 0.00	22.33 -0.02 0.00	21.72 -0.29 0.00	21.90 -0.26 0.00	23.74 0.33 0.00	26.67 -0.19 0.00	28.25 0.03 0.00	29.48 -0.18 0.00	30.71 0.00 0.00	33.41 0.72 0.00	35.97 1.28 0.00	35.35 0.39 0.00	38.89 1.10 0.00	38.38 0.64 0.00	39.27 0.12 0.00	39.45 -0.08 0.00	40.33 -0.28 0.00	37.22 -0.22 0.00	36.03 -0.36 0.00	35.12 -0.72 0.00	31.88 -1.16 0.00	29.73 -0.42 0.00	27.76 -0.17 0.00
CHATEAUG_35_KV_LOAD 355732	22.70 -0.92 1.82	22.67 -0.80 0.01	21.79 -0.56 0.00	21.61 -0.40 0.00	21.74 -0.42 0.00	22.90 -0.52 0.00	26.16 -0.70 0.00	27.46 -0.76 0.00	28.77 -0.89 0.00	29.73 -0.98 0.00	31.41 -1.27 0.00	33.33 -1.35 0.00	31.88 -1.36 1.72	30.32 -1.51 5.96	30.05 -1.58 6.10	26.04 -1.61 11.51	36.83 -1.62 1.07	37.00 -1.54 2.07	31.46 -1.61 4.37	34.93 -1.46 0.01	34.54 -1.29 0.00	31.78 -1.26 0.00	28.82 -1.33 0.00	26.70 -1.23 0.00
CHATEAUG_WT_PWR 323614	22.67 -0.91 1.85	22.64 -0.82 0.01	21.77 -0.58 0.00	21.59 -0.42 0.00	21.74 -0.42 0.00	22.71 -0.70 0.00	26.16 -0.70 0.00	27.46 -0.76 0.00	28.77 -0.89 0.00	29.72 -0.98 0.00	31.41 -1.28 0.00	33.33 -1.35 0.00	31.81 -1.40 1.75	30.20 -1.51 6.08	29.86 -1.66 6.22	25.78 -1.64 11.73	36.77 -1.66 1.10	36.92 -1.58 2.11	31.38 -1.61 4.46	34.78 -1.60 0.01	34.47 -1.36 0.00	31.68 -1.36 0.00	28.76 -1.39 0.00	26.64 -1.28 0.00
CHAT_HIGH_FALL_HYD 323578	22.70 -0.92 1.82	22.67 -0.80 0.01	21.79 -0.56 0.00	21.61 -0.40 0.00	21.74 -0.42 0.00	22.90 -0.52 0.00	26.16 -0.70 0.00	27.46 -0.76 0.00	28.77 -0.89 0.00	29.73 -0.98 0.00	31.41 -1.27 0.00	33.33 -1.35 0.00	31.88 -1.36 1.72	30.32 -1.51 5.96	30.05 -1.58 6.10	26.04 -1.61 11.51	36.83 -1.62 1.07	37.00 -1.54 2.07	31.46 -1.61 4.37	34.93 -1.46 0.01	34.54 -1.29 0.00	31.78 -1.26 0.00	28.82 -1.33 0.00	26.70 -1.23 0.00
CHAUTAUQUA___LFGE 323629	25.67 0.23 0.00	23.61 0.14 0.00	22.28 -0.07 0.00	21.70 -0.31 0.00	21.94 -0.22 0.00	23.86 0.44 0.00	26.89 0.03 0.00	28.61 0.39 0.00	29.90 0.24 0.00	31.14 0.43 0.00	33.90 1.21 0.00	36.42 1.73 0.00	35.80 0.84 0.00	39.34 1.55 0.00	38.79 1.06 0.00	39.78 0.62 0.00	39.88 0.35 0.00	40.73 0.12 0.00	37.63 0.19 0.00	36.39 0.00 0.00	35.37 -0.47 0.00	32.15 -0.89 0.00	29.94 -0.21 0.00	27.87 -0.06 0.00
CHERRYST_13_KV_LD 356241	27.57 2.14 0.00	25.23 1.76 0.00	23.80 1.45 0.00	23.42 1.41 0.00	23.58 1.42 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.73 2.51 0.00	32.54 2.88 0.00	33.59 2.89 0.00	35.79 3.11 0.00	37.87 3.19 0.00	38.50 3.53 0.00	41.49 3.70 0.00	41.40 3.66 0.00	43.42 4.27 0.00	43.91 4.39 0.00	44.83 4.22 0.00	41.30 3.86 0.00	39.92 3.53 0.00	39.38 3.55 0.00	36.31 3.27 0.00	33.13 2.98 0.00	30.64 2.71 0.00

CHESTROR_138KV_BK263 355645	26.89 1.45 0.00	24.69 1.22 0.00	23.33 0.98 0.00	22.95 0.95 0.00	23.14 0.98 0.00	24.54 1.12 0.00	28.36 1.50 0.00	29.86 1.64 0.00	31.53 1.87 0.00	32.58 1.87 0.00	34.65 1.96 0.00	36.69 2.01 0.00	37.20 2.24 0.00	40.21 2.42 0.00	40.11 2.38 0.00	41.97 2.82 0.00	42.41 2.89 0.00	43.49 2.88 0.00	40.10 2.66 0.00	38.83 2.44 0.00	38.20 2.36 0.00	35.28 2.25 0.00	32.14 1.99 0.00	29.77 1.84 0.00
CH_MIDHUDSON___DRP 24192	27.14 1.70 0.00	24.90 1.43 0.00	23.53 1.18 0.00	23.17 1.17 0.00	23.36 1.20 0.00	24.77 1.36 0.00	28.61 1.75 0.00	30.08 1.86 0.00	31.79 2.14 0.00	32.89 2.18 0.00	34.94 2.26 0.00	36.97 2.29 0.00	37.52 2.55 0.00	40.59 2.80 0.00	40.45 2.72 0.00	42.37 3.21 0.00	42.80 3.28 0.00	43.90 3.29 0.00	40.44 3.00 0.00	39.16 2.77 0.00	38.52 2.69 0.00	35.58 2.54 0.00	32.41 2.26 0.00	30.05 2.12 0.00
CH_MISC_IPPS 23765	27.22 1.78 0.00	25.04 1.57 0.00	23.65 1.30 0.00	23.31 1.30 0.00	23.47 1.31 0.00	24.99 1.57 0.00	28.74 1.88 0.00	30.19 1.97 0.00	31.94 2.28 0.00	33.04 2.33 0.00	35.14 2.45 0.00	37.18 2.50 0.00	37.76 2.80 0.00	40.85 3.06 0.00	40.72 2.98 0.00	42.68 3.53 0.00	43.08 3.56 0.00	44.22 3.61 0.00	40.78 3.33 0.00	39.55 3.16 0.00	38.77 2.94 0.00	35.78 2.74 0.00	32.56 2.41 0.00	30.19 2.26 0.00
CH_RES_BVR_FALLS 23983	21.49 -1.04 2.90	22.50 -0.96 0.01	21.57 -0.78 0.00	21.28 -0.73 0.00	21.43 -0.73 0.00	22.48 -0.94 0.00	25.84 -1.02 0.00	27.15 -1.07 0.00	28.56 -1.10 0.00	29.57 -1.14 0.00	31.41 -1.28 0.00	33.29 -1.39 0.00	30.86 -1.36 2.74	26.74 -1.55 9.50	26.54 -1.47 9.73	19.24 -1.57 18.35	36.27 -1.54 1.71	35.77 -1.54 3.30	29.05 -1.42 6.97	35.00 -1.38 0.01	34.58 -1.26 0.00	31.88 -1.16 0.00	29.12 -1.03 0.00	27.03 -0.89 0.00
CH_RES_NIAGARA 23895	24.78 -0.66 0.00	22.86 -0.61 0.00	21.59 -0.76 0.00	21.00 -1.01 0.00	21.17 -1.00 0.00	22.50 -0.91 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.81 -0.88 0.00	34.37 -0.31 0.00	33.67 -1.29 0.00	37.03 -0.76 0.00	36.53 -1.21 0.00	37.31 -1.84 0.00	37.43 -2.09 0.00	38.46 -2.15 0.00	35.76 -1.69 0.00	34.64 -1.75 0.00	33.61 -2.22 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
CH_RES_SYRACUSE 23985	25.62 0.18 0.00	23.59 0.12 0.00	22.35 0.00 0.00	21.96 -0.04 0.00	22.12 -0.04 0.00	23.56 0.14 0.00	26.99 0.13 0.00	28.39 0.17 0.00	30.23 0.09 -0.48	31.56 0.19 -0.66	34.06 0.29 -1.08	35.90 0.42 -0.80	36.41 0.28 -1.17	39.53 0.46 -1.28	39.27 0.38 -1.16	40.57 0.28 -1.14	40.85 0.28 -1.05	41.54 0.29 -0.64	38.21 0.15 -0.62	36.54 0.11 -0.04	36.05 0.07 -0.15	33.18 -0.07 -0.21	30.18 0.03 0.00	27.90 -0.03 0.00
CLINTON_WT_PWR 323605	22.67 -0.91 1.85	22.64 -0.82 0.01	21.77 -0.58 0.00	21.59 -0.42 0.00	21.74 -0.42 0.00	22.71 -0.70 0.00	26.16 -0.70 0.00	27.46 -0.76 0.00	28.77 -0.89 0.00	29.72 -0.98 0.00	31.41 -1.28 0.00	33.33 -1.35 0.00	31.81 -1.40 1.75	30.20 -1.51 6.08	29.86 -1.66 6.22	25.78 -1.64 11.73	36.77 -1.66 1.10	36.92 -1.58 2.11	31.38 -1.61 4.46	34.78 -1.60 0.01	34.47 -1.36 0.00	31.68 -1.36 0.00	28.76 -1.39 0.00	26.64 -1.28 0.00
CLINTON___LFGE 323618	23.06 -0.54 1.84	22.99 -0.47 0.01	22.13 -0.22 0.00	21.96 -0.04 0.00	22.10 -0.07 0.00	23.11 -0.31 0.00	26.64 -0.22 0.00	28.05 -0.17 0.00	29.39 -0.27 0.00	30.37 -0.34 0.00	32.07 -0.62 0.00	34.06 -0.62 0.00	32.49 -0.74 1.74	31.04 -0.72 6.03	30.69 -0.87 6.18	26.72 -0.78 11.65	37.73 -0.71 1.09	37.87 -0.65 2.09	32.16 -0.86 4.43	35.51 -0.87 0.01	35.22 -0.61 0.00	32.34 -0.70 0.00	29.33 -0.81 0.00	27.12 -0.81 0.00
COBBLENY_34_KV_TB1 80064	25.67 0.23 0.00	23.64 0.16 0.00	22.31 -0.04 0.00	21.72 -0.29 0.00	21.90 -0.27 0.00	23.32 -0.09 0.00	26.67 -0.19 0.00	28.25 0.03 0.00	29.48 -0.18 0.00	30.71 0.00 0.00	33.34 0.65 0.00	35.97 1.28 0.00	35.35 0.38 0.00	38.88 1.10 0.00	38.38 0.64 0.00	39.31 0.16 0.00	39.45 -0.08 0.00	40.41 -0.20 0.00	37.56 0.11 0.00	36.21 -0.18 0.00	35.19 -0.64 0.00	31.91 -1.12 0.00	29.73 -0.42 0.00	27.76 -0.17 0.00
COFFEEN___115KV_TB3 355620	25.24 0.15 0.35	23.61 0.14 0.00	22.39 0.04 0.00	22.07 0.07 0.00	22.18 0.02 0.00	23.58 0.16 0.00	27.21 0.35 0.00	28.59 0.37 0.00	30.36 0.30 -0.41	31.70 0.43 -0.56	33.87 0.26 -0.92	35.64 0.28 -0.68	35.71 0.07 -0.68	37.83 0.04 0.00	37.57 -0.04 0.13	38.18 0.16 1.13	40.22 0.00 -0.69	41.23 0.45 -0.17	37.66 0.49 0.28	37.08 0.66 -0.04	36.57 0.61 -0.13	33.71 0.50 -0.17	30.48 0.33 0.00	28.04 0.11 0.00
COLDSPRG_115KV_BK1 355956	25.92 0.48 0.00	23.85 0.38 0.00	22.51 0.16 0.00	21.94 -0.07 0.00	22.21 0.04 0.00	23.72 0.30 0.00	27.34 0.48 0.00	29.18 0.96 0.00	30.49 0.83 0.00	31.75 1.04 0.00	34.49 1.80 0.00	37.01 2.32 0.00	36.40 1.43 0.00	39.98 2.19 0.00	39.43 1.70 0.00	40.49 1.33 0.00	40.55 1.03 0.00	41.42 0.81 0.00	38.53 1.09 0.00	37.01 0.62 0.00	35.94 0.11 0.00	32.64 -0.40 0.00	30.39 0.24 0.00	28.18 0.25 0.00
COLONIE_LFGE___ 323577	26.61 1.17 0.00	24.60 1.13 0.00	23.25 0.89 0.00	22.91 0.90 0.00	23.07 0.91 0.00	24.52 1.10 0.00	28.15 1.29 0.00	29.55 1.33 0.00	31.08 1.42 0.00	32.18 1.47 0.00	34.12 1.44 0.00	36.10 1.42 0.00	36.43 1.47 0.00	39.45 1.66 0.00	39.39 1.66 0.00	41.07 1.92 0.00	41.50 1.98 0.00	42.72 2.11 0.00	39.39 1.95 0.00	38.28 1.89 0.00	37.62 1.79 0.00	34.85 1.82 0.00	31.71 1.57 0.00	29.44 1.51 0.00
COOPERNY_115KV_TB1 80082	26.53 1.09 0.00	24.39 0.92 0.00	23.07 0.72 0.00	22.69 0.68 0.00	22.87 0.71 0.00	24.24 0.82 0.00	27.96 1.10 0.00	29.46 1.24 0.00	31.05 1.39 0.00	32.12 1.41 0.00	34.19 1.50 0.00	36.24 1.56 0.00	36.68 1.71 0.00	39.64 1.85 0.00	39.55 1.81 0.00	41.27 2.11 0.00	41.70 2.17 0.00	42.80 2.19 0.00	39.47 2.02 0.00	38.25 1.86 0.00	37.62 1.79 0.00	34.69 1.65 0.00	31.62 1.48 0.00	29.30 1.37 0.00
COPENHAGEN_WT_PWR 323753	25.06 -0.05 0.33	23.40 -0.07 0.00	22.19 -0.16 0.00	21.88 -0.13 0.00	22.01 -0.15 0.00	23.39 -0.02 0.00	26.94 0.08 0.00	28.30 0.08 0.00	29.97 -0.12 -0.42	31.24 -0.06 -0.59	33.46 -0.19 -0.96	35.12 -0.28 -0.71	35.28 -0.42 -0.73	37.41 -0.45 -0.07	37.18 -0.49 0.07	37.75 -0.35 1.06	39.95 -0.32 -0.74	40.81 0.00 -0.20	37.24 0.04 0.24	36.65 0.22 -0.04	36.11 0.14 -0.13	33.32 0.10 -0.18	30.18 0.03 0.00	27.79 -0.14 0.00
CORNELL_____ 23752	26.15 0.71 0.00	24.08 0.61 0.00	22.77 0.42 0.00	22.34 0.33 0.00	22.52 0.35 0.00	23.91 0.49 0.00	27.61 0.75 0.00	29.12 0.90 0.00	30.69 0.77 -0.26	31.89 0.83 -0.36	34.25 0.98 -0.58	36.29 1.18 -0.43	36.60 1.01 -0.63	39.76 1.28 -0.69	39.56 1.21 -0.62	40.94 1.17 -0.61	41.23 1.15 -0.56	42.21 1.26 -0.34	38.97 1.20 -0.33	37.47 1.06 -0.02	36.88 0.97 -0.08	33.87 0.73 -0.11	30.90 0.75 0.00	28.52 0.59 0.00

CORONA V_69_KV_TB1 355595	33.16 2.39 -5.33	27.92 2.04 -2.41	28.62 1.72 -4.55	26.58 1.67 -2.90	27.36 1.68 -3.52	31.42 1.94 -6.06	33.84 2.52 -4.46	33.88 2.79 -2.87	35.61 3.11 -2.83	35.57 3.19 -1.66	37.91 3.43 -1.79	40.99 3.54 -2.77	41.41 3.81 -2.63	41.92 4.08 -0.05	41.73 4.00 0.00	43.66 4.50 0.00	46.86 4.78 -2.55	46.83 4.75 -1.47	41.75 4.31 0.00	40.36 3.97 0.00	39.56 3.73 0.00	36.77 3.73 0.00	34.39 3.35 -0.89	34.12 3.04 -3.14
CORTLAND_115KV_TB3 80093	25.95 0.51 0.00	23.89 0.42 0.00	22.62 0.27 0.00	22.21 0.20 0.00	22.38 0.22 0.00	23.74 0.33 0.00	27.37 0.51 0.00	28.84 0.62 0.00	30.46 0.53 -0.27	31.70 0.61 -0.37	34.01 0.72 -0.61	36.03 0.90 -0.45	36.39 0.77 -0.66	39.49 0.98 -0.72	39.29 0.91 -0.65	40.66 0.86 -0.64	40.98 0.87 -0.59	41.91 0.93 -0.36	38.65 0.86 -0.35	37.18 0.76 -0.02	36.60 0.68 -0.08	33.65 0.50 -0.12	30.69 0.54 0.00	28.35 0.42 0.00
COXSACKIE__GT 23611	26.91 1.47 0.00	24.86 1.38 0.00	23.56 1.21 0.00	23.33 1.32 0.00	23.45 1.28 0.00	24.89 1.48 0.00	28.53 1.67 0.00	29.69 1.47 0.00	31.23 1.57 0.00	32.33 1.63 0.00	34.09 1.40 0.00	36.07 1.39 0.00	36.57 1.61 0.00	39.68 1.89 0.00	39.62 1.89 0.00	41.27 2.11 0.00	41.70 2.17 0.00	43.37 2.76 0.00	40.03 2.58 0.00	39.01 2.62 0.00	38.38 2.54 0.00	35.42 2.38 0.00	32.11 1.96 0.00	29.83 1.90 0.00
CPV_VALLEY__CC1 323721	26.66 1.22 0.00	24.55 1.08 0.00	23.18 0.83 0.00	22.80 0.79 0.00	22.98 0.82 0.00	24.47 1.05 0.00	28.15 1.29 0.00	29.66 1.44 0.00	31.29 1.63 0.00	32.33 1.63 0.00	34.39 1.70 0.00	36.42 1.73 0.00	36.92 1.96 0.00	39.90 2.11 0.00	39.81 2.07 0.00	41.62 2.47 0.00	42.06 2.53 0.00	43.13 2.52 0.00	39.81 2.36 0.00	38.65 2.26 0.00	37.87 2.04 0.00	34.99 1.95 0.00	31.86 1.72 0.00	29.52 1.59 0.00
CPV_VALLEY__CC2 323722	26.66 1.22 0.00	24.55 1.08 0.00	23.18 0.83 0.00	22.80 0.79 0.00	22.98 0.82 0.00	24.47 1.05 0.00	28.15 1.29 0.00	29.66 1.44 0.00	31.29 1.63 0.00	32.33 1.63 0.00	34.39 1.70 0.00	36.42 1.73 0.00	36.92 1.96 0.00	39.90 2.11 0.00	39.81 2.07 0.00	41.62 2.47 0.00	42.06 2.53 0.00	43.13 2.52 0.00	39.81 2.36 0.00	38.65 2.26 0.00	37.87 2.04 0.00	34.99 1.95 0.00	31.86 1.72 0.00	29.52 1.59 0.00
CRESCENT__HYD 24018	26.61 1.17 0.00	24.60 1.13 0.00	23.25 0.89 0.00	22.91 0.90 0.00	23.07 0.91 0.00	24.52 1.10 0.00	28.15 1.29 0.00	29.55 1.33 0.00	31.08 1.42 0.00	32.18 1.47 0.00	34.12 1.44 0.00	36.10 1.42 0.00	36.43 1.47 0.00	39.45 1.66 0.00	39.39 1.66 0.00	41.07 1.92 0.00	41.50 1.98 0.00	42.72 2.11 0.00	39.39 1.95 0.00	38.28 1.89 0.00	37.62 1.79 0.00	34.85 1.82 0.00	31.71 1.57 0.00	29.44 1.51 0.00
CRICKET__VALLEY_CC1 323756	26.91 1.47 0.00	24.81 1.34 0.00	23.42 1.07 0.00	23.06 1.06 0.00	23.23 1.06 0.00	24.73 1.31 0.00	28.42 1.56 0.00	29.88 1.66 0.00	31.53 1.87 0.00	32.55 1.84 0.00	34.58 1.90 0.00	36.55 1.87 0.00	37.06 2.10 0.00	40.06 2.27 0.00	39.96 2.23 0.00	41.82 2.66 0.00	42.25 2.73 0.00	43.33 2.72 0.00	40.03 2.58 0.00	38.83 2.44 0.00	38.09 2.26 0.00	35.28 2.25 0.00	32.11 1.96 0.00	29.83 1.90 0.00
CRICKET__VALLEY_CC2 323757	26.91 1.47 0.00	24.81 1.34 0.00	23.42 1.07 0.00	23.06 1.06 0.00	23.23 1.06 0.00	24.73 1.31 0.00	28.42 1.56 0.00	29.88 1.66 0.00	31.53 1.87 0.00	32.55 1.84 0.00	34.58 1.90 0.00	36.55 1.87 0.00	37.06 2.10 0.00	40.06 2.27 0.00	39.96 2.23 0.00	41.82 2.66 0.00	42.25 2.73 0.00	43.33 2.72 0.00	40.03 2.58 0.00	38.83 2.44 0.00	38.09 2.26 0.00	35.28 2.25 0.00	32.11 1.96 0.00	29.83 1.90 0.00
CRICKET__VALLEY_CC3 323758	26.91 1.47 0.00	24.81 1.34 0.00	23.42 1.07 0.00	23.06 1.06 0.00	23.23 1.06 0.00	24.73 1.31 0.00	28.42 1.56 0.00	29.88 1.66 0.00	31.53 1.87 0.00	32.55 1.84 0.00	34.58 1.90 0.00	36.55 1.87 0.00	37.06 2.10 0.00	40.06 2.27 0.00	39.96 2.23 0.00	41.82 2.66 0.00	42.25 2.73 0.00	43.33 2.72 0.00	40.03 2.58 0.00	38.83 2.44 0.00	38.09 2.26 0.00	35.28 2.25 0.00	32.11 1.96 0.00	29.83 1.90 0.00
CRUCIBLE_METL_DRP 24180	25.59 0.15 0.00	23.59 0.12 0.00	22.35 0.00 0.00	21.96 -0.04 0.00	22.12 -0.04 0.00	23.44 0.02 0.00	26.99 0.13 0.00	28.39 0.17 0.00	30.23 0.09 -0.48	31.56 0.18 -0.66	34.06 0.29 -1.08	35.90 0.42 -0.80	36.41 0.28 -1.17	39.53 0.45 -1.28	39.27 0.38 -1.16	40.61 0.31 -1.14	40.85 0.28 -1.05	41.54 0.28 -0.64	38.25 0.19 -0.62	36.54 0.11 -0.04	36.05 0.07 -0.15	33.18 -0.07 -0.21	30.18 0.03 0.00	27.90 -0.03 0.00
DAHOWA__HYDRO 323763	27.17 1.73 0.00	25.14 1.67 0.00	23.67 1.32 0.00	23.35 1.34 0.00	23.49 1.33 0.00	25.03 1.61 0.00	28.87 2.02 0.00	30.31 2.09 0.00	31.85 2.19 0.00	33.10 2.40 0.00	35.07 2.38 0.00	37.11 2.43 0.00	37.38 2.41 0.00	40.47 2.68 0.00	40.49 2.75 0.00	42.17 3.02 0.00	42.57 3.04 0.00	43.98 3.37 0.00	40.55 3.11 0.00	39.45 3.06 0.00	38.84 3.01 0.00	35.88 2.84 0.00	32.62 2.47 0.00	30.16 2.24 0.00
DANC__LFGE 323619	25.09 -0.13 0.22	23.35 -0.12 0.00	22.13 -0.22 0.00	21.79 -0.22 0.00	21.92 -0.24 0.00	23.32 -0.09 0.00	26.81 -0.05 0.00	28.11 -0.11 0.00	29.92 -0.27 -0.53	31.27 -0.18 -0.74	33.63 -0.26 -1.21	35.29 -0.28 -0.89	35.64 -0.42 -1.10	38.09 -0.41 -0.71	37.84 -0.45 -0.56	38.65 -0.39 0.11	40.13 -0.43 -1.04	40.88 -0.20 -0.47	37.42 -0.19 -0.16	36.33 -0.11 -0.05	35.86 -0.14 -0.17	33.10 -0.16 -0.23	30.00 -0.15 0.00	27.68 -0.25 0.00
DANSKAMMER__1 23586	27.22 1.78 0.00	25.04 1.57 0.00	23.65 1.30 0.00	23.31 1.30 0.00	23.47 1.31 0.00	24.99 1.57 0.00	28.74 1.88 0.00	30.19 1.97 0.00	31.94 2.28 0.00	33.04 2.33 0.00	35.14 2.45 0.00	37.18 2.50 0.00	37.76 2.80 0.00	40.85 3.06 0.00	40.72 2.98 0.00	42.68 3.53 0.00	43.08 3.56 0.00	44.22 3.61 0.00	40.78 3.33 0.00	39.55 3.16 0.00	38.77 2.94 0.00	35.78 2.74 0.00	32.56 2.41 0.00	30.19 2.26 0.00
DANSKAMMER__2 23589	27.22 1.78 0.00	25.04 1.57 0.00	23.65 1.30 0.00	23.31 1.30 0.00	23.47 1.31 0.00	24.99 1.57 0.00	28.74 1.88 0.00	30.19 1.97 0.00	31.94 2.28 0.00	33.04 2.33 0.00	35.14 2.45 0.00	37.18 2.50 0.00	37.76 2.80 0.00	40.85 3.06 0.00	40.72 2.98 0.00	42.68 3.53 0.00	43.08 3.56 0.00	44.22 3.61 0.00	40.78 3.33 0.00	39.55 3.16 0.00	38.77 2.94 0.00	35.78 2.74 0.00	32.56 2.41 0.00	30.19 2.26 0.00
DANSKAMMER__3 23590	27.22 1.78 0.00	25.04 1.57 0.00	23.65 1.30 0.00	23.31 1.30 0.00	23.47 1.31 0.00	24.99 1.57 0.00	28.74 1.88 0.00	30.19 1.97 0.00	31.94 2.28 0.00	33.04 2.33 0.00	35.14 2.45 0.00	37.18 2.50 0.00	37.76 2.80 0.00	40.85 3.06 0.00	40.72 2.98 0.00	42.68 3.53 0.00	43.08 3.56 0.00	44.22 3.61 0.00	40.78 3.33 0.00	39.55 3.16 0.00	38.77 2.94 0.00	35.78 2.74 0.00	32.56 2.41 0.00	30.19 2.26 0.00

DANSKAMMER___4 23591	27.22 1.78 0.00	25.04 1.57 0.00	23.65 1.30 0.00	23.31 1.30 0.00	23.47 1.31 0.00	24.99 1.57 0.00	28.74 1.88 0.00	30.19 1.97 0.00	31.94 2.28 0.00	33.04 2.33 0.00	35.14 2.45 0.00	37.18 2.50 0.00	37.76 2.80 0.00	40.85 3.06 0.00	40.72 2.98 0.00	42.68 3.53 0.00	43.08 3.56 0.00	44.22 3.61 0.00	40.78 3.33 0.00	39.55 3.16 0.00	38.77 2.94 0.00	35.78 2.74 0.00	32.56 2.41 0.00	30.19 2.26 0.00
DANSKAMMER___DIESEL 23592	27.27 1.83 0.00	25.02 1.55 0.00	23.65 1.30 0.00	23.28 1.28 0.00	23.47 1.31 0.00	24.89 1.48 0.00	28.74 1.88 0.00	30.19 1.98 0.00	31.94 2.28 0.00	33.04 2.33 0.00	35.14 2.45 0.00	37.18 2.50 0.00	37.76 2.80 0.00	40.85 3.06 0.00	40.72 2.98 0.00	42.64 3.48 0.00	43.08 3.56 0.00	44.22 3.61 0.00	40.70 3.26 0.00	39.41 3.02 0.00	38.73 2.90 0.00	35.78 2.74 0.00	32.56 2.41 0.00	30.19 2.26 0.00
DARBY___SOLAR 323810	27.07 1.63 0.00	25.04 1.57 0.00	23.60 1.25 0.00	23.26 1.25 0.00	23.40 1.24 0.00	24.92 1.50 0.00	28.74 1.88 0.00	30.16 1.95 0.00	31.73 2.08 0.00	32.92 2.21 0.00	34.91 2.22 0.00	36.94 2.25 0.00	37.24 2.27 0.00	40.28 2.49 0.00	40.30 2.57 0.00	41.98 2.82 0.00	42.41 2.88 0.00	43.78 3.17 0.00	40.33 2.88 0.00	39.23 2.84 0.00	38.63 2.80 0.00	35.71 2.67 0.00	32.47 2.32 0.00	30.05 2.12 0.00
DASHVILLE___HYD 23610	27.07 1.63 0.00	24.81 1.34 0.00	23.45 1.10 0.00	23.09 1.08 0.00	23.27 1.11 0.00	24.68 1.26 0.00	28.47 1.61 0.00	29.91 1.69 0.00	31.65 1.99 0.00	32.73 2.03 0.00	34.81 2.12 0.00	36.83 2.15 0.00	37.45 2.48 0.00	40.51 2.72 0.00	40.34 2.60 0.00	42.25 3.09 0.00	42.69 3.16 0.00	43.82 3.21 0.00	40.33 2.88 0.00	39.05 2.66 0.00	38.38 2.54 0.00	35.45 2.41 0.00	32.29 2.14 0.00	29.94 2.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	33.64 2.87 -5.33	28.39 2.51 -2.41	29.11 2.21 -4.55	27.06 2.16 -2.90	27.94 2.26 -3.52	31.93 2.46 -6.06	34.32 3.01 -4.46	34.41 3.33 -2.87	36.50 4.00 -2.83	36.43 4.05 -1.66	39.12 4.64 -1.79	42.31 4.86 -2.77	42.71 5.10 -2.64	43.40 5.59 -0.02	43.67 5.92 -0.01	45.74 6.58 -0.01	48.89 6.80 -2.56	48.90 6.82 -1.47	43.63 6.18 -0.01	41.92 5.53 0.00	40.78 4.94 0.00	38.06 5.02 0.00	35.44 4.40 -0.89	35.07 3.99 -3.14
DELAWARE___LFGE 323621	26.46 1.02 0.00	24.36 0.89 0.00	23.04 0.69 0.00	22.67 0.66 0.00	22.83 0.66 0.00	24.24 0.82 0.00	27.93 1.07 0.00	29.43 1.21 0.00	31.05 1.31 -0.08	32.17 1.35 -0.11	34.28 1.41 -0.18	36.41 1.60 -0.14	36.77 1.61 -0.20	39.78 1.78 -0.22	39.63 1.70 -0.20	41.19 1.84 -0.19	41.60 1.90 -0.18	42.71 1.99 -0.11	39.39 1.83 -0.10	38.11 1.71 -0.01	37.47 1.61 -0.03	34.56 1.49 -0.03	31.47 1.33 0.00	29.10 1.17 0.00
DERFIELD_115KV_TB7 355931	25.71 0.18 -0.09	23.64 0.16 0.00	22.44 0.09 0.00	22.10 0.09 0.00	22.25 0.09 0.00	23.53 0.12 0.00	27.05 0.19 0.00	28.42 0.20 0.00	29.87 0.21 0.00	30.92 0.21 0.00	32.92 0.23 0.00	34.93 0.24 0.00	35.33 0.28 -0.09	38.40 0.30 -0.30	38.35 0.30 -0.31	40.09 0.35 -0.59	39.93 0.36 -0.05	41.12 0.41 -0.11	38.04 0.37 -0.22	36.72 0.33 0.00	36.12 0.29 0.00	33.33 0.30 0.00	30.39 0.24 0.00	28.15 0.22 0.00
DOGLEVILLE___HYD 23807	24.90 -0.63 -0.09	22.91 -0.56 0.00	21.72 -0.63 0.00	21.39 -0.62 0.00	21.54 -0.62 0.00	22.81 -0.61 0.00	26.21 -0.64 0.00	27.54 -0.68 0.00	28.95 -0.71 0.00	29.94 -0.77 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	34.11 -0.94 -0.09	37.07 -1.02 -0.30	37.03 -1.02 -0.31	38.65 -1.10 -0.59	38.47 -1.11 -0.05	39.62 -1.09 -0.11	36.66 -1.01 -0.22	35.37 -1.02 0.00	34.79 -1.04 0.00	32.24 -0.79 0.00	29.39 -0.75 0.00	27.23 -0.70 0.00
DUNKIRK___115KV_TB_200 55889	25.62 0.18 0.00	23.59 0.12 0.00	22.26 -0.09 0.00	21.70 -0.31 0.00	21.94 -0.22 0.00	23.39 -0.02 0.00	26.86 0.00 0.00	28.56 0.34 0.00	29.81 0.15 0.00	31.08 0.37 0.00	33.73 1.05 0.00	36.31 1.63 0.00	35.70 0.73 0.00	39.23 1.44 0.00	38.72 0.98 0.00	39.74 0.59 0.00	39.80 0.28 0.00	40.73 0.12 0.00	37.90 0.45 0.00	36.46 0.07 0.00	35.40 -0.43 0.00	32.14 -0.89 0.00	29.94 -0.21 0.00	27.85 -0.08 0.00
DUNKIRK___1 23563	25.62 0.18 0.00	23.59 0.12 0.00	22.26 -0.09 0.00	21.70 -0.31 0.00	21.94 -0.22 0.00	23.39 -0.02 0.00	26.86 0.00 0.00	28.56 0.34 0.00	29.81 0.15 0.00	31.08 0.37 0.00	33.73 1.05 0.00	36.31 1.63 0.00	35.70 0.73 0.00	39.23 1.44 0.00	38.72 0.98 0.00	39.74 0.59 0.00	39.80 0.28 0.00	40.73 0.12 0.00	37.90 0.45 0.00	36.46 0.07 0.00	35.40 -0.43 0.00	32.14 -0.89 0.00	29.94 -0.21 0.00	27.85 -0.08 0.00
DUNKIRK___2 23564	25.62 0.18 0.00	23.59 0.12 0.00	22.26 -0.09 0.00	21.70 -0.31 0.00	21.94 -0.22 0.00	23.39 -0.02 0.00	26.86 0.00 0.00	28.56 0.34 0.00	29.81 0.15 0.00	31.08 0.37 0.00	33.73 1.05 0.00	36.31 1.63 0.00	35.70 0.73 0.00	39.23 1.44 0.00	38.72 0.98 0.00	39.74 0.59 0.00	39.80 0.28 0.00	40.73 0.12 0.00	37.90 0.45 0.00	36.46 0.07 0.00	35.40 -0.43 0.00	32.14 -0.89 0.00	29.94 -0.21 0.00	27.85 -0.08 0.00
DUNKIRK___3 23565	25.56 0.13 0.00	23.56 0.09 0.00	22.24 -0.11 0.00	21.66 -0.35 0.00	21.87 -0.29 0.00	23.32 -0.09 0.00	26.73 -0.13 0.00	28.36 0.14 0.00	29.60 -0.06 0.00	30.83 0.12 0.00	33.47 0.78 0.00	36.04 1.35 0.00	35.42 0.45 0.00	38.92 1.13 0.00	38.41 0.68 0.00	39.43 0.27 0.00	39.52 0.00 0.00	40.49 -0.12 0.00	37.67 0.22 0.00	36.28 -0.11 0.00	35.22 -0.61 0.00	31.98 -1.06 0.00	29.79 -0.36 0.00	27.73 -0.20 0.00
DUNKIRK___4 23566	25.56 0.13 0.00	23.56 0.09 0.00	22.24 -0.11 0.00	21.66 -0.35 0.00	21.87 -0.29 0.00	23.32 -0.09 0.00	26.73 -0.13 0.00	28.36 0.14 0.00	29.60 -0.06 0.00	30.83 0.12 0.00	33.47 0.78 0.00	36.04 1.35 0.00	35.42 0.45 0.00	38.92 1.13 0.00	38.41 0.68 0.00	39.43 0.27 0.00	39.52 0.00 0.00	40.49 -0.12 0.00	37.67 0.22 0.00	36.28 -0.11 0.00	35.22 -0.61 0.00	31.98 -1.06 0.00	29.79 -0.36 0.00	27.73 -0.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.35 1.91 0.00	25.07 1.60 0.00	23.67 1.32 0.00	23.28 1.28 0.00	23.45 1.29 0.00	24.91 1.50 0.00	28.85 1.99 0.00	30.45 2.23 0.00	32.18 2.52 0.00	33.26 2.55 0.00	35.40 2.71 0.00	37.46 2.77 0.00	38.01 3.04 0.00	41.08 3.29 0.00	40.94 3.21 0.00	42.91 3.76 0.00	43.40 3.87 0.00	44.39 3.78 0.00	40.93 3.48 0.00	39.59 3.20 0.00	38.99 3.15 0.00	35.98 2.94 0.00	32.80 2.65 0.00	30.36 2.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.07 1.63 0.00	24.83 1.36 0.00	23.47 1.12 0.00	23.11 1.10 0.00	23.29 1.13 0.00	24.70 1.29 0.00	28.52 1.67 0.00	30.00 1.78 0.00	31.74 2.08 0.00	32.80 2.09 0.00	34.88 2.19 0.00	36.94 2.25 0.00	37.45 2.48 0.00	40.51 2.72 0.00	40.38 2.64 0.00	42.29 3.13 0.00	42.73 3.20 0.00	43.86 3.25 0.00	40.40 2.96 0.00	39.12 2.73 0.00	38.45 2.62 0.00	35.51 2.48 0.00	32.32 2.17 0.00	29.97 2.04 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	27.66 2.21 -0.01	25.31 1.83 -0.01	23.88 1.52 -0.01	23.47 1.45 -0.01	23.63 1.46 -0.01	25.13 1.71 -0.01	29.14 2.28 0.00	30.76 2.54 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.63 2.94 0.00	37.63 2.95 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.20 4.03 -0.01	43.64 4.11 -0.01	44.68 4.06 -0.01	41.27 3.82 -0.01	39.96 3.57 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.20 3.04 -0.01	30.73 2.79 -0.01
E179THST_13_KV_LOAD 356214	27.81 2.37 -0.01	25.45 1.97 -0.01	24.01 1.65 -0.01	23.58 1.56 -0.01	23.77 1.60 -0.01	25.27 1.85 -0.01	29.28 2.42 0.00	30.93 2.71 0.00	32.63 2.97 0.00	33.69 2.98 0.00	35.86 3.17 0.00	37.84 3.16 0.00	38.53 3.57 0.00	41.57 3.78 0.00	41.51 3.77 0.00	43.47 4.31 -0.01	43.92 4.39 -0.01	44.96 4.35 -0.01	41.54 4.08 -0.01	40.22 3.82 -0.01	39.59 3.76 0.00	36.47 3.44 0.00	33.38 3.23 -0.01	30.93 2.99 -0.01
EAST HAMPTON___GT 23717	33.88 3.10 -5.34	28.68 2.79 -2.42	29.34 2.44 -4.56	27.36 2.44 -2.91	28.23 2.55 -3.52	32.36 2.88 -6.07	34.65 3.33 -4.46	34.76 3.67 -2.87	36.92 4.42 -2.84	36.86 4.48 -1.67	39.65 5.16 -1.80	42.87 5.41 -2.78	43.25 5.63 -2.65	43.98 6.16 -0.03	44.88 7.13 -0.01	47.08 7.91 -0.01	50.12 8.02 -2.57	50.17 8.08 -1.48	44.83 7.38 -0.01	43.41 7.02 0.00	42.14 6.31 0.00	39.02 5.98 0.00	36.17 5.13 -0.90	35.72 4.64 -3.15
EAST RIVER___6 23660	27.47 2.04 0.00	25.21 1.74 0.00	23.76 1.41 0.00	23.37 1.37 0.00	23.54 1.37 0.00	25.15 1.73 0.00	29.01 2.15 0.00	30.59 2.37 0.00	32.39 2.73 0.00	33.44 2.73 0.00	35.66 2.97 0.00	37.74 3.05 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.23 4.07 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.23 3.78 0.00	39.96 3.57 0.00	39.27 3.44 0.00	36.24 3.20 0.00	33.10 2.96 0.00	30.58 2.65 0.00
EAST RIVER___7 23524	27.47 2.04 0.00	25.21 1.74 0.00	23.76 1.41 0.00	23.37 1.37 0.00	23.54 1.37 0.00	25.15 1.73 0.00	29.01 2.15 0.00	30.59 2.37 0.00	32.39 2.73 0.00	33.44 2.73 0.00	35.66 2.97 0.00	37.74 3.05 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.23 4.07 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.23 3.78 0.00	39.96 3.57 0.00	39.27 3.44 0.00	36.24 3.20 0.00	33.10 2.96 0.00	30.58 2.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.29 1.86 0.00	25.02 1.55 0.00	23.62 1.27 0.00	23.24 1.23 0.00	23.43 1.26 0.00	24.87 1.45 0.00	28.79 1.93 0.00	30.36 2.14 0.00	32.09 2.43 0.00	33.16 2.46 0.00	35.30 2.62 0.00	37.35 2.67 0.00	37.90 2.94 0.00	40.93 3.14 0.00	40.83 3.09 0.00	42.80 3.64 0.00	43.24 3.72 0.00	44.26 3.65 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.88 3.05 0.00	35.88 2.84 0.00	32.71 2.56 0.00	30.28 2.35 0.00
EAST_HAMPTON___DIESEL 23722	33.85 3.08 -5.34	28.65 2.77 -2.42	29.34 2.44 -4.56	27.34 2.42 -2.91	28.23 2.55 -3.52	32.34 2.86 -6.07	34.63 3.30 -4.46	34.76 3.67 -2.87	36.92 4.42 -2.84	36.83 4.45 -1.67	39.65 5.16 -1.80	42.84 5.38 -2.78	43.21 5.59 -2.65	43.94 6.12 -0.03	44.88 7.13 -0.01	47.11 7.95 -0.01	50.12 8.02 -2.57	50.21 8.12 -1.48	44.83 7.38 -0.01	43.41 7.02 0.00	42.18 6.34 0.00	39.05 6.01 0.00	36.17 5.13 -0.90	35.74 4.66 -3.15
EAST_POINT___SOLAR 323840	28.06 2.62 0.00	25.89 2.42 0.00	24.38 2.03 0.00	24.03 2.02 0.00	24.16 2.00 0.00	25.78 2.36 0.00	29.73 2.88 0.00	30.99 2.77 0.00	32.12 2.46 0.00	33.01 2.30 0.00	34.91 2.22 0.00	37.11 2.43 0.00	37.24 2.27 0.00	40.28 2.49 0.00	40.34 2.60 0.00	42.09 2.94 0.00	43.16 3.63 0.00	45.08 4.47 0.00	41.79 4.34 0.00	40.79 4.40 0.00	40.20 4.37 0.00	37.17 4.13 0.00	33.79 3.65 0.00	31.08 3.16 0.00
EAST_PULASKI___ESR 323781	25.17 -0.15 0.11	23.31 -0.16 0.00	22.10 -0.25 0.00	21.72 -0.29 0.00	21.87 -0.29 0.00	23.28 -0.14 0.00	26.70 -0.16 0.00	28.02 -0.20 0.00	30.10 -0.33 -0.76	31.49 -0.28 -1.06	34.15 -0.26 -1.73	35.72 -0.24 -1.28	36.34 -0.38 -1.76	39.17 -0.30 -1.68	38.84 -0.38 -1.48	39.89 -0.39 -1.12	40.70 -0.43 -1.61	41.19 -0.33 -0.90	37.83 -0.34 -0.72	36.17 -0.29 -0.07	35.75 -0.32 -0.24	33.00 -0.36 -0.33	29.88 -0.27 0.00	27.60 -0.33 0.00
EAST_RIVER___1 323558	27.42 1.99 0.00	25.18 1.71 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.12 1.71 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.39 2.73 0.00	33.47 2.76 0.00	35.63 2.94 0.00	37.70 3.02 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.23 4.07 0.00	43.67 4.15 0.00	44.67 4.06 0.00	41.23 3.78 0.00	39.99 3.60 0.00	39.24 3.41 0.00	36.21 3.17 0.00	33.04 2.89 0.00	30.55 2.62 0.00
EAST_RIVER___2 323559	27.47 2.04 0.00	25.21 1.74 0.00	23.76 1.41 0.00	23.37 1.37 0.00	23.54 1.37 0.00	25.15 1.73 0.00	29.01 2.15 0.00	30.59 2.37 0.00	32.39 2.73 0.00	33.44 2.73 0.00	35.66 2.97 0.00	37.74 3.05 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.23 4.07 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.23 3.78 0.00	39.96 3.57 0.00	39.27 3.44 0.00	36.24 3.20 0.00	33.10 2.96 0.00	30.58 2.65 0.00
EAST___DELAWARE_HYD 23607	27.14 1.70 0.00	24.95 1.48 0.00	23.58 1.23 0.00	23.22 1.21 0.00	23.38 1.22 0.00	24.92 1.50 0.00	28.63 1.77 0.00	30.05 1.83 0.00	31.80 2.14 0.00	32.89 2.18 0.00	34.98 2.29 0.00	37.07 2.39 0.00	37.66 2.69 0.00	40.74 2.95 0.00	40.60 2.87 0.00	42.52 3.37 0.00	42.92 3.40 0.00	44.18 3.57 0.00	40.78 3.33 0.00	39.55 3.16 0.00	38.70 2.87 0.00	35.68 2.64 0.00	32.44 2.29 0.00	30.08 2.15 0.00
EIGHT_POINT___WT_PWR 323820	25.92 0.48 0.00	23.68 0.21 0.00	22.31 -0.04 0.00	21.77 -0.24 0.00	21.85 -0.31 0.00	23.77 0.35 0.00	26.99 0.13 0.00	28.78 0.56 0.00	30.05 0.27 -0.12	31.18 0.31 -0.17	33.94 0.98 -0.27	36.24 1.35 -0.20	36.00 0.74 -0.30	39.44 1.32 -0.32	38.82 0.79 -0.29	38.66 -0.78 -0.29	39.20 -0.59 -0.26	40.04 -0.73 -0.16	36.85 -0.75 -0.16	35.53 -0.87 -0.01	34.76 -1.11 -0.04	31.54 -1.55 -0.05	29.00 -1.15 0.00	26.56 -1.37 0.00
ELBRIDGE_115KV_TB2 80188	25.46 0.03 0.00	23.47 0.00 0.00	22.24 -0.11 0.00	21.85 -0.15 0.00	22.01 -0.16 0.00	23.32 -0.09 0.00	26.86 0.00 0.00	28.25 0.03 0.00	30.11 -0.06 -0.51	31.41 0.00 -0.71	33.97 0.13 -1.15	35.74 0.21 -0.85	36.28 0.07 -1.24	39.38 0.23 -1.36	39.08 0.11 -1.23	40.45 0.08 -1.21	40.67 0.04 -1.11	41.33 0.04 -0.68	38.10 0.00 -0.65	36.36 -0.07 -0.05	35.85 -0.14 -0.16	33.02 -0.23 -0.22	30.03 -0.12 0.00	27.76 -0.17 0.00
ELEC_TRO_TEK 24086	33.03 2.26 -5.33	27.80 1.92 -2.41	28.53 1.63 -4.55	26.47 1.56 -2.90	27.27 1.60 -3.52	31.30 1.83 -6.06	33.68 2.36 -4.46	33.68 2.60 -2.87	35.43 2.94 -2.83	35.32 2.95 -1.66	37.65 3.17 -1.79	40.75 3.29 -2.77	41.13 3.53 -2.63	41.62 3.78 -0.05	41.43 3.70 0.00	43.38 4.23 0.00	46.47 4.39 -2.55	46.39 4.30 -1.47	41.38 3.93 0.00	39.99 3.60 0.00	39.24 3.40 0.00	36.44 3.40 0.00	34.08 3.04 -0.89	33.86 2.79 -3.14

ELLENBURG_WT_PWR 323604	22.67 -0.91 1.85	22.64 -0.82 0.01	21.77 -0.58 0.00	21.59 -0.42 0.00	21.74 -0.42 0.00	22.71 -0.70 0.00	26.16 -0.70 0.00	27.46 -0.76 0.00	28.77 -0.89 0.00	29.72 -0.98 0.00	31.41 -1.28 0.00	33.33 -1.35 0.00	31.81 -1.40 1.75	30.20 -1.51 6.08	29.86 -1.66 6.22	25.78 -1.64 11.73	36.77 -1.66 1.10	36.92 -1.58 2.11	31.38 -1.61 4.46	34.78 -1.60 0.01	34.47 -1.36 0.00	31.68 -1.36 0.00	28.76 -1.39 0.00	26.64 -1.28 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.41 -0.03 0.00	23.40 -0.07 0.00	22.10 -0.25 0.00	21.52 -0.48 0.00	21.70 -0.47 0.00	23.09 -0.33 0.00	26.38 -0.48 0.00	27.91 -0.31 0.00	29.13 -0.53 0.00	30.31 -0.40 0.00	32.92 0.23 0.00	35.51 0.83 0.00	34.86 -0.10 0.00	38.36 0.57 0.00	37.85 0.11 0.00	38.72 -0.43 0.00	38.85 -0.67 0.00	39.84 -0.77 0.00	37.03 -0.41 0.00	35.77 -0.62 0.00	34.72 -1.11 0.00	31.52 -1.52 0.00	29.39 -0.75 0.00	27.48 -0.45 0.00
EMPIRE_CC_1 323656	26.20 0.76 0.00	24.29 0.82 0.00	22.98 0.62 0.00	22.67 0.66 0.00	22.81 0.64 0.00	24.21 0.80 0.00	27.69 0.83 0.00	29.09 0.88 0.00	30.61 0.95 0.00	31.63 0.92 0.00	33.51 0.82 0.00	35.44 0.76 0.00	35.84 0.87 0.00	38.73 0.95 0.00	38.68 0.94 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.91 1.30 0.00	38.68 1.23 0.00	37.59 1.20 0.00	36.91 1.07 0.00	34.22 1.19 0.00	31.17 1.03 0.00	28.99 1.06 0.00
EMPIRE_CC_2 323658	26.20 0.76 0.00	24.29 0.82 0.00	22.98 0.62 0.00	22.67 0.66 0.00	22.81 0.64 0.00	24.21 0.80 0.00	27.69 0.83 0.00	29.09 0.88 0.00	30.61 0.95 0.00	31.63 0.92 0.00	33.51 0.82 0.00	35.44 0.76 0.00	35.84 0.87 0.00	38.73 0.95 0.00	38.68 0.94 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.91 1.30 0.00	38.68 1.23 0.00	37.59 1.20 0.00	36.91 1.07 0.00	34.22 1.19 0.00	31.17 1.03 0.00	28.99 1.06 0.00
ENORWICH_115KV_TB1 80156	27.19 1.76 0.00	25.07 1.60 0.00	23.65 1.30 0.00	23.22 1.21 0.00	23.36 1.20 0.00	24.89 1.48 0.00	28.87 2.01 0.00	30.53 2.31 0.00	31.98 2.14 -0.19	33.21 2.24 -0.26	35.44 2.32 -0.43	37.91 2.91 -0.32	38.26 2.83 -0.46	41.36 3.06 -0.51	41.18 2.98 -0.46	42.55 2.94 -0.45	42.94 3.00 -0.42	44.32 3.45 -0.26	40.87 3.18 -0.24	39.36 2.95 -0.02	38.54 2.65 -0.06	35.40 2.28 -0.08	32.23 2.08 0.00	29.69 1.76 0.00
ERIE_ST_34_KV_TB1-2 80199	25.77 0.33 0.00	23.71 0.23 0.00	22.37 0.02 0.00	21.77 -0.24 0.00	21.99 -0.18 0.00	23.42 0.00 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.60 -0.06 0.00	30.83 0.12 0.00	33.51 0.82 0.00	36.10 1.42 0.00	35.49 0.52 0.00	39.07 1.28 0.00	38.57 0.83 0.00	39.55 0.39 0.00	39.68 0.16 0.00	40.61 0.00 0.00	37.75 0.30 0.00	36.35 -0.04 0.00	35.29 -0.54 0.00	32.01 -1.02 0.00	29.85 -0.30 0.00	27.85 -0.08 0.00
ERIE_WT_PWR 323693	25.67 0.23 0.00	23.59 0.12 0.00	22.26 -0.09 0.00	21.66 -0.35 0.00	21.85 -0.31 0.00	23.70 0.28 0.00	26.59 -0.27 0.00	28.13 -0.08 0.00	29.36 -0.30 0.00	30.56 -0.15 0.00	33.24 0.56 0.00	35.79 1.11 0.00	35.18 0.21 0.00	38.66 0.87 0.00	38.15 0.42 0.00	39.04 -0.12 0.00	39.21 -0.32 0.00	40.12 -0.49 0.00	37.04 -0.41 0.00	35.88 -0.51 0.00	34.94 -0.89 0.00	31.75 -1.29 0.00	29.63 -0.51 0.00	27.68 -0.25 0.00
ESPRGFLD_115KV_TB1 80157	27.47 2.04 0.00	25.30 1.83 0.00	23.87 1.52 0.00	23.48 1.47 0.00	23.65 1.48 0.00	25.17 1.76 0.00	29.12 2.26 0.00	30.65 2.43 0.00	32.09 2.43 0.00	33.16 2.46 0.00	35.24 2.55 0.00	37.46 2.77 0.00	37.66 2.69 0.00	40.74 2.95 0.00	40.68 2.94 0.00	42.25 3.09 0.00	42.84 3.32 0.00	44.35 3.74 0.00	40.97 3.52 0.00	39.77 3.38 0.00	39.09 3.26 0.00	36.08 3.04 0.00	32.83 2.68 0.00	30.25 2.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.12 0.69 0.00	24.03 0.56 0.00	22.75 0.40 0.00	22.32 0.31 0.00	22.50 0.33 0.00	23.88 0.47 0.00	27.56 0.70 0.00	29.07 0.85 0.00	30.67 0.74 -0.26	31.84 0.77 -0.37	34.20 0.92 -0.60	36.23 1.11 -0.44	36.56 0.94 -0.65	39.71 1.21 -0.71	39.51 1.13 -0.64	40.88 1.10 -0.63	41.21 1.11 -0.58	42.14 1.18 -0.36	38.91 1.12 -0.34	37.43 1.02 -0.02	36.85 0.93 -0.08	33.84 0.69 -0.11	30.87 0.72 0.00	28.49 0.56 0.00
ETNA____115KV_TB2 80207	26.12 0.69 0.00	24.03 0.56 0.00	22.75 0.40 0.00	22.32 0.31 0.00	22.50 0.33 0.00	23.88 0.47 0.00	27.56 0.70 0.00	29.07 0.85 0.00	30.67 0.74 -0.26	31.84 0.77 -0.37	34.20 0.92 -0.60	36.23 1.11 -0.44	36.56 0.94 -0.65	39.71 1.21 -0.71	39.51 1.13 -0.64	40.88 1.10 -0.63	41.21 1.11 -0.58	42.14 1.18 -0.36	38.91 1.12 -0.34	37.43 1.02 -0.02	36.85 0.93 -0.08	33.84 0.69 -0.11	30.87 0.72 0.00	28.49 0.56 0.00
EUCLID____115KV_TB2 356179	25.31 -0.13 0.00	23.35 -0.12 0.00	22.13 -0.22 0.00	21.74 -0.26 0.00	21.90 -0.27 0.00	23.21 -0.21 0.00	26.70 -0.16 0.00	28.05 -0.17 0.00	29.61 -0.27 -0.22	30.80 -0.21 -0.30	33.08 -0.10 -0.49	35.01 -0.03 -0.36	35.36 -0.14 -0.53	38.34 -0.04 -0.58	38.11 -0.15 -0.53	39.48 -0.20 -0.52	39.76 -0.24 -0.48	40.66 -0.24 -0.29	37.46 -0.26 -0.28	36.08 -0.33 -0.02	35.54 -0.36 -0.07	32.70 -0.43 -0.09	29.85 -0.30 0.00	27.59 -0.34 0.00
E_CANADA_CAP_HY 24051	28.01 2.57 0.00	25.82 2.35 0.00	24.32 1.97 0.00	23.97 1.96 0.00	24.11 1.95 0.00	25.76 2.34 0.00	29.68 2.82 0.00	31.13 2.91 0.00	32.48 2.82 0.00	33.47 2.76 0.00	35.46 2.78 0.00	37.53 2.84 0.00	37.73 2.76 0.00	40.81 3.02 0.00	40.83 3.09 0.00	42.52 3.37 0.00	43.28 3.76 0.00	44.96 4.35 0.00	41.57 4.12 0.00	40.50 4.11 0.00	39.88 4.05 0.00	36.93 3.90 0.00	33.61 3.47 0.00	30.95 3.02 0.00
E_CANADA_MHWK_HY 24050	24.90 -0.63 -0.09	22.91 -0.56 0.00	21.72 -0.63 0.00	21.39 -0.62 0.00	21.54 -0.62 0.00	22.81 -0.61 0.00	26.21 -0.64 0.00	27.54 -0.68 0.00	28.95 -0.71 0.00	29.94 -0.77 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	34.11 -0.94 -0.09	37.07 -1.02 -0.30	37.03 -1.02 -0.31	38.65 -1.10 -0.59	38.47 -1.11 -0.05	39.62 -1.09 -0.11	36.66 -1.01 -0.22	35.37 -1.02 0.00	34.79 -1.04 0.00	32.24 -0.79 0.00	29.39 -0.75 0.00	27.23 -0.70 0.00
E_FISHKILL____LBMP 23776	27.04 1.60 0.00	24.83 1.36 0.00	23.45 1.10 0.00	23.09 1.08 0.00	23.27 1.11 0.00	24.68 1.26 0.00	28.52 1.67 0.00	30.05 1.83 0.00	31.74 2.08 0.00	32.80 2.09 0.00	34.88 2.19 0.00	36.90 2.22 0.00	37.41 2.45 0.00	40.43 2.65 0.00	40.34 2.60 0.00	42.21 3.05 0.00	42.65 3.12 0.00	43.70 3.09 0.00	40.29 2.85 0.00	39.01 2.62 0.00	38.38 2.54 0.00	35.48 2.44 0.00	32.32 2.17 0.00	29.97 2.04 0.00
FALCON____SEABRD_CC1 323796	23.13 -0.46 1.85	23.06 -0.40 0.01	22.19 -0.16 0.00	22.03 0.02 0.00	22.16 0.00 0.00	23.18 -0.23 0.00	26.73 -0.13 0.00	28.11 -0.11 0.00	29.48 -0.18 0.00	30.46 -0.25 0.00	32.20 -0.49 0.00	34.16 -0.52 0.00	32.63 -0.59 1.74	31.18 -0.57 6.05	30.83 -0.72 6.19	26.81 -0.67 11.68	37.84 -0.59 1.09	37.94 -0.57 2.10	32.22 -0.79 4.44	35.58 -0.80 0.01	35.30 -0.54 0.00	32.44 -0.59 0.00	29.39 -0.75 0.00	27.18 -0.75 0.00

FALCON___SEABRD_CC2 323797	23.13 -0.46 1.85	23.06 -0.40 0.01	22.19 -0.16 0.00	22.03 0.02 0.00	22.16 0.00 0.00	23.18 -0.23 0.00	26.73 -0.13 0.00	28.11 -0.11 0.00	29.48 -0.18 0.00	30.46 -0.25 0.00	32.20 -0.49 0.00	34.16 -0.52 0.00	32.63 -0.59 1.74	31.18 -0.57 6.05	30.83 -0.72 6.19	26.81 -0.67 11.68	37.84 -0.59 1.09	37.94 -0.57 2.10	32.22 -0.79 4.44	35.58 -0.80 0.01	35.30 -0.54 0.00	32.44 -0.59 0.00	29.39 -0.75 0.00	27.18 -0.75 0.00
FAR ROCKAWAY___4 23548	33.42 2.65 -5.33	28.13 2.25 -2.41	28.84 1.94 -4.55	26.78 1.87 -2.90	27.58 1.91 -3.52	31.63 2.15 -6.06	34.08 2.77 -4.46	34.10 3.02 -2.87	35.91 3.41 -2.83	35.87 3.50 -1.66	38.33 3.86 -1.79	41.48 4.02 -2.77	41.87 4.27 -2.63	42.47 4.65 -0.04	42.30 4.57 0.00	44.25 5.09 0.00	47.41 5.34 -2.55	47.40 5.32 -1.47	42.28 4.83 0.00	40.83 4.44 0.00	40.02 4.19 0.00	37.20 4.16 0.00	34.72 3.68 -0.89	34.42 3.35 -3.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.50 2.06 0.00	25.16 1.69 0.00	23.76 1.41 0.00	23.35 1.34 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.65 2.43 0.00	32.42 2.76 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.24 3.51 0.00	43.27 4.11 0.00	43.71 4.19 0.00	44.67 4.06 0.00	41.15 3.71 0.00	39.85 3.46 0.00	39.27 3.44 0.00	36.21 3.17 0.00	33.04 2.89 0.00	30.55 2.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.50 2.06 0.00	25.18 1.71 0.00	23.76 1.41 0.00	23.37 1.36 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.65 2.43 0.00	32.42 2.76 0.00	33.47 2.76 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.24 3.51 0.00	43.27 4.11 0.00	43.71 4.19 0.00	44.67 4.06 0.00	41.19 3.74 0.00	39.85 3.46 0.00	39.27 3.44 0.00	36.24 3.20 0.00	33.07 2.92 0.00	30.58 2.65 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.47 2.76 0.00	35.63 2.94 0.00	37.70 3.02 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.23 4.07 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.15 3.71 0.00	39.81 3.42 0.00	39.24 3.40 0.00	36.17 3.14 0.00	33.04 2.89 0.00	30.55 2.63 0.00
FARRAGUT___LBMP 323566	27.47 2.04 0.00	25.14 1.67 0.00	23.71 1.36 0.00	23.33 1.32 0.00	23.51 1.35 0.00	24.99 1.57 0.00	28.95 2.10 0.00	30.59 2.37 0.00	32.39 2.73 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.19 4.03 0.00	43.63 4.11 0.00	44.59 3.98 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00
FENNER___WINDPWR 24204	26.05 0.61 0.00	24.01 0.54 0.00	22.75 0.40 0.00	22.38 0.37 0.00	22.52 0.35 0.00	23.98 0.56 0.00	27.53 0.67 0.00	29.01 0.79 0.00	30.61 0.74 -0.21	31.79 0.80 -0.29	34.04 0.88 -0.47	36.10 1.08 -0.34	36.45 0.98 -0.50	39.48 1.13 -0.55	39.33 1.10 -0.50	40.71 1.06 -0.49	41.08 1.11 -0.45	42.15 1.26 -0.28	38.80 1.09 -0.27	37.46 1.06 -0.02	36.83 0.93 -0.06	33.92 0.79 -0.09	30.87 0.72 0.00	28.52 0.59 0.00
FIBERTEK___ENERGY 23856	25.59 0.15 0.00	23.59 0.12 0.00	22.35 0.00 0.00	21.96 -0.04 0.00	22.12 -0.04 0.00	23.44 0.02 0.00	26.99 0.13 0.00	28.39 0.17 0.00	30.23 0.09 -0.48	31.56 0.18 -0.66	34.06 0.29 -1.08	35.90 0.42 -0.80	36.41 0.28 -1.17	39.53 0.45 -1.28	39.27 0.38 -1.16	40.61 0.31 -1.14	40.85 0.28 -1.05	41.54 0.28 -0.64	38.25 0.19 -0.62	36.54 0.11 -0.04	36.05 0.07 -0.15	33.18 -0.07 -0.21	30.18 0.03 0.00	27.90 -0.03 0.00
FITZPATRICK____ 23598	24.93 -0.51 0.00	22.98 -0.49 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.92 -0.49 0.00	26.24 -0.62 0.00	27.51 -0.70 0.00	26.20 -0.80 2.66	26.20 -0.80 3.71	25.90 -0.75 6.04	29.50 -0.73 4.46	27.60 -0.84 6.53	29.80 -0.83 7.16	30.40 -0.87 6.47	31.80 -0.98 6.38	32.70 -0.99 5.84	36.00 -1.01 3.60	33.03 -0.97 3.44	35.20 -0.95 0.24	34.00 -1.00 0.83	30.90 -0.99 1.15	29.30 -0.84 0.00	27.15 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	33.31 2.54 -5.33	28.08 2.21 -2.41	28.80 1.90 -4.55	26.76 1.85 -2.90	27.58 1.91 -3.52	31.58 2.11 -6.06	33.98 2.66 -4.46	34.02 2.93 -2.87	35.88 3.38 -2.83	35.78 3.41 -1.66	38.20 3.73 -1.79	41.38 3.92 -2.77	41.81 4.20 -2.65	42.35 4.53 -0.03	41.94 4.19 -0.02	43.99 4.82 -0.02	47.00 4.90 -2.57	46.95 4.87 -1.47	42.07 4.61 -0.02	40.47 4.08 0.00	39.49 3.65 0.00	36.84 3.80 0.00	34.51 3.47 -0.89	34.26 3.18 -3.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.32 1.88 0.00	25.07 1.60 0.00	23.69 1.34 0.00	23.33 1.32 0.00	23.51 1.35 0.00	24.94 1.52 0.00	28.79 1.93 0.00	30.22 2.00 0.00	32.00 2.34 0.00	33.10 2.40 0.00	35.20 2.52 0.00	37.25 2.57 0.00	37.83 2.87 0.00	40.96 3.17 0.00	40.79 3.06 0.00	42.76 3.60 0.00	43.16 3.64 0.00	44.35 3.74 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.84 3.01 0.00	35.84 2.81 0.00	32.62 2.47 0.00	30.25 2.32 0.00
FORT ORANGE____ 23900	26.15 0.71 0.00	24.17 0.70 0.00	22.89 0.54 0.00	22.58 0.57 0.00	22.74 0.58 0.00	24.12 0.70 0.00	27.69 0.83 0.00	29.06 0.85 0.00	30.55 0.89 0.00	31.63 0.92 0.00	33.54 0.85 0.00	35.48 0.80 0.00	35.87 0.91 0.00	38.81 1.02 0.00	38.79 1.06 0.00	40.41 1.25 0.00	40.83 1.30 0.00	42.07 1.46 0.00	38.83 1.39 0.00	37.74 1.35 0.00	37.12 1.29 0.00	34.32 1.29 0.00	31.23 1.08 0.00	28.99 1.06 0.00
FORT_DRUM_COGEN 23780	24.97 -0.10 0.37	23.38 -0.09 0.00	22.17 -0.18 0.00	21.88 -0.13 0.00	21.99 -0.18 0.00	23.35 -0.07 0.00	26.94 0.08 0.00	28.30 0.08 0.00	29.92 -0.12 -0.38	31.18 -0.06 -0.53	33.33 -0.23 -0.87	35.01 -0.31 -0.64	35.10 -0.45 -0.59	37.08 -0.53 0.18	36.89 -0.53 0.31	37.38 -0.35 1.43	39.79 -0.36 -0.62	40.71 0.00 -0.10	37.12 0.07 0.40	36.64 0.22 -0.03	36.13 0.18 -0.12	33.33 0.13 -0.16	30.15 0.00 0.00	27.79 -0.14 0.00
FOX_HILLS___ESR 323835	27.68 2.24 0.00	25.28 1.81 0.00	23.83 1.48 0.00	23.39 1.39 0.00	23.56 1.40 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.67 2.46 0.00	32.48 2.82 0.00	33.56 2.86 0.00	35.73 3.04 0.00	37.77 3.09 0.00	38.50 3.53 0.00	41.49 3.70 0.00	41.43 3.70 0.00	99.63 4.39 -56.09	82.14 4.51 -38.11	51.94 4.43 -6.90	94.67 4.04 -53.18	41.93 3.71 -1.82	39.54 3.65 -0.06	36.37 3.34 0.00	33.33 3.08 -0.11	30.74 2.79 -0.02
FPL FAR_ROCK_GT1 24212	33.37 2.60 -5.34	28.19 2.30 -2.42	28.85 1.94 -4.56	26.81 1.89 -2.91	27.59 1.91 -3.52	31.78 2.30 -6.07	34.09 2.77 -4.46	34.11 3.02 -2.87	35.91 3.41 -2.84	35.88 3.50 -1.67	38.34 3.86 -1.80	41.48 4.02 -2.78	41.87 4.26 -2.64	42.48 4.65 -0.05	42.34 4.60 0.00	44.32 5.17 0.00	47.42 5.33 -2.56	47.41 5.32 -1.48	42.39 4.94 0.00	41.09 4.70 0.00	40.17 4.33 0.00	37.13 4.10 0.00	34.69 3.65 -0.90	34.43 3.35 -3.15

FPL FAR_ROCK_GT2 23815	33.37 2.60 -5.34	28.19 2.30 -2.42	28.85 1.94 -4.56	26.81 1.89 -2.91	27.59 1.91 -3.52	31.78 2.30 -6.07	34.09 2.77 -4.46	34.11 3.02 -2.87	35.91 3.41 -2.84	35.88 3.50 -1.67	38.34 3.86 -1.80	41.48 4.02 -2.78	41.87 4.26 -2.64	42.48 4.65 -0.05	42.34 4.60 0.00	44.32 5.17 0.00	47.42 5.33 -2.56	47.41 5.32 -1.48	42.39 4.94 0.00	41.09 4.70 0.00	40.17 4.33 0.00	37.13 4.10 0.00	34.69 3.65 -0.90	34.43 3.35 -3.15
FRANKLIN_FALL_HYD 24054	22.84 -0.86 1.74	22.71 -0.75 0.01	21.86 -0.49 0.00	21.66 -0.35 0.00	21.81 -0.35 0.00	22.95 -0.47 0.00	26.24 -0.62 0.00	27.57 -0.65 0.00	28.89 -0.77 0.00	29.88 -0.83 0.00	31.58 -1.11 0.00	33.47 -1.21 0.00	32.03 -1.29 1.64	30.71 -1.40 5.69	30.44 -1.47 5.82	26.69 -1.49 10.98	37.04 -1.46 1.03	37.22 -1.42 1.97	31.78 -1.50 4.17	35.04 -1.35 0.01	34.69 -1.15 0.00	31.88 -1.16 0.00	28.94 -1.21 0.00	26.78 -1.15 0.00
FREEPORT_EQUS_GT1 23764	33.24 2.47 -5.34	28.07 2.18 -2.42	28.74 1.83 -4.56	26.70 1.78 -2.91	27.48 1.79 -3.52	31.63 2.15 -6.07	33.90 2.58 -4.46	33.91 2.82 -2.87	35.68 3.18 -2.84	35.60 3.22 -1.67	37.98 3.50 -1.80	41.10 3.64 -2.78	41.49 3.88 -2.64	42.04 4.19 -0.05	41.89 4.15 0.00	43.93 4.78 0.00	46.95 4.86 -2.56	46.92 4.83 -1.48	41.94 4.49 0.00	40.65 4.26 0.00	39.77 3.94 0.00	36.80 3.76 0.00	34.42 3.38 -0.90	34.15 3.07 -3.15
FREEPORT___CT2 23818	33.24 2.47 -5.34	28.07 2.18 -2.42	28.74 1.83 -4.56	26.70 1.78 -2.91	27.48 1.79 -3.52	31.63 2.15 -6.07	33.90 2.58 -4.46	33.91 2.82 -2.87	35.68 3.18 -2.84	35.60 3.22 -1.67	37.98 3.50 -1.80	41.10 3.64 -2.78	41.49 3.88 -2.64	42.04 4.19 -0.05	41.89 4.15 0.00	43.93 4.78 0.00	46.95 4.86 -2.56	46.92 4.83 -1.48	41.94 4.49 0.00	40.65 4.26 0.00	39.77 3.94 0.00	36.80 3.76 0.00	34.42 3.38 -0.90	34.15 3.07 -3.15
FRESHKLS_33_KV_LOAD 356253	27.70 2.26 0.00	25.28 1.81 0.00	23.80 1.45 0.00	23.37 1.36 0.00	23.54 1.37 0.00	25.03 1.62 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.46 3.50 0.00	41.45 3.67 0.00	41.43 3.70 0.00	99.67 4.42 -56.09	82.18 4.55 -38.11	51.98 4.47 -6.90	94.71 4.08 -53.18	41.96 3.75 -1.82	39.54 3.65 -0.06	36.41 3.37 0.00	33.30 3.04 -0.11	30.74 2.79 -0.02
FULTON COGEN____ 23766	25.23 -0.20 0.00	23.26 -0.21 0.00	22.06 -0.29 0.00	21.68 -0.33 0.00	21.83 -0.33 0.00	23.14 -0.28 0.00	26.62 -0.24 0.00	27.94 -0.28 0.00	30.14 -0.39 -0.87	31.58 -0.34 -1.21	34.39 -0.26 -1.96	35.92 -0.21 -1.45	36.70 -0.38 -2.12	39.85 -0.26 -2.33	39.50 -0.34 -2.10	40.84 -0.39 -2.08	40.99 -0.43 -1.90	41.33 -0.45 -1.17	38.15 -0.41 -1.12	36.00 -0.47 -0.08	35.60 -0.50 -0.27	32.85 -0.56 -0.37	29.73 -0.42 0.00	27.48 -0.45 0.00
FULTON___LFGE 323630	28.82 3.38 0.00	26.59 3.12 0.00	24.96 2.61 0.00	24.63 2.62 0.00	24.73 2.57 0.00	26.53 3.11 0.00	30.78 3.92 0.00	32.51 4.29 0.00	34.02 4.36 0.00	35.28 4.58 0.00	37.40 4.71 0.00	39.68 5.00 0.00	39.72 4.75 0.00	42.97 5.18 0.00	43.09 5.36 0.00	44.91 5.76 0.00	45.53 6.01 0.00	47.55 6.94 0.00	43.62 6.18 0.00	42.39 6.00 0.00	41.74 5.91 0.00	38.45 5.42 0.00	34.94 4.79 0.00	32.04 4.11 0.00
G.F.CEMENT___DRP 24184	27.35 1.91 0.00	25.28 1.81 0.00	23.80 1.45 0.00	23.48 1.47 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.06 2.20 0.00	30.59 2.37 0.00	32.15 2.49 0.00	33.44 2.73 0.00	35.47 2.78 0.00	37.53 2.84 0.00	37.76 2.80 0.00	40.89 3.10 0.00	40.94 3.21 0.00	42.60 3.45 0.00	43.00 3.48 0.00	44.51 3.90 0.00	40.97 3.52 0.00	39.81 3.42 0.00	39.31 3.48 0.00	36.27 3.24 0.00	32.95 2.80 0.00	30.41 2.49 0.00
GARDENVILLE___LBMP 24039	25.49 0.05 0.00	23.47 0.00 0.00	22.15 -0.20 0.00	21.57 -0.44 0.00	21.76 -0.40 0.00	23.16 -0.26 0.00	26.48 -0.38 0.00	28.02 -0.20 0.00	29.24 -0.42 0.00	30.43 -0.28 0.00	33.08 0.39 0.00	35.65 0.97 0.00	35.03 0.07 0.00	38.51 0.72 0.00	38.00 0.26 0.00	38.92 -0.23 0.00	39.05 -0.47 0.00	40.04 -0.57 0.00	37.22 -0.22 0.00	35.92 -0.47 0.00	34.86 -0.97 0.00	31.65 -1.39 0.00	29.51 -0.63 0.00	27.57 -0.36 0.00
GARDNVLA_35_KV_LD 355827	25.62 0.18 0.00	23.59 0.12 0.00	22.28 -0.07 0.00	21.68 -0.33 0.00	21.87 -0.29 0.00	23.28 -0.14 0.00	26.62 -0.24 0.00	28.16 -0.06 0.00	29.39 -0.27 0.00	30.62 -0.09 0.00	33.24 0.56 0.00	35.86 1.18 0.00	35.24 0.28 0.00	38.77 0.98 0.00	38.23 0.49 0.00	39.15 0.00 0.00	39.29 -0.24 0.00	40.28 -0.32 0.00	37.41 -0.04 0.00	36.10 -0.29 0.00	35.04 -0.79 0.00	31.81 -1.22 0.00	29.66 -0.48 0.00	27.71 -0.22 0.00
GELCKHM___115KV_LOAD 80723	25.41 -0.03 0.00	23.42 -0.05 0.00	22.22 -0.13 0.00	21.81 -0.20 0.00	21.99 -0.18 0.00	23.30 -0.12 0.00	26.81 -0.05 0.00	28.16 -0.06 0.00	29.85 -0.12 -0.31	31.08 -0.06 -0.43	33.42 0.03 -0.70	35.34 0.14 -0.52	35.72 0.00 -0.76	38.74 0.11 -0.83	38.53 0.04 -0.75	39.90 0.00 -0.74	40.16 -0.04 -0.68	40.99 -0.04 -0.42	37.77 -0.07 -0.40	36.24 -0.18 -0.03	35.71 -0.21 -0.10	32.87 -0.30 -0.13	29.97 -0.18 0.00	27.71 -0.22 0.00
GENERAL___MILLS 23808	25.56 0.13 0.00	23.54 0.07 0.00	22.24 -0.11 0.00	21.63 -0.37 0.00	21.83 -0.33 0.00	23.23 -0.19 0.00	26.56 -0.30 0.00	28.11 -0.11 0.00	29.33 -0.33 0.00	30.52 -0.18 0.00	33.18 0.49 0.00	35.76 1.08 0.00	35.14 0.17 0.00	38.66 0.87 0.00	38.11 0.38 0.00	39.04 -0.12 0.00	39.17 -0.36 0.00	40.16 -0.45 0.00	37.33 -0.11 0.00	36.03 -0.36 0.00	34.97 -0.86 0.00	31.75 -1.29 0.00	29.60 -0.54 0.00	27.65 -0.28 0.00
GE_PLASTICS___DRP 24183	26.10 0.66 0.00	24.08 0.61 0.00	22.82 0.47 0.00	22.51 0.51 0.00	22.65 0.49 0.00	23.98 0.56 0.00	27.58 0.73 0.00	28.98 0.76 0.00	30.52 0.86 0.00	31.57 0.86 0.00	33.51 0.82 0.00	35.48 0.80 0.00	35.84 0.87 0.00	38.77 0.98 0.00	38.72 0.98 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.91 1.30 0.00	38.64 1.20 0.00	37.48 1.09 0.00	36.94 1.11 0.00	34.16 1.12 0.00	31.11 0.96 0.00	28.85 0.92 0.00
GILBOA___1 23756	26.23 0.79 0.00	24.20 0.73 0.00	22.89 0.54 0.00	22.54 0.53 0.00	22.72 0.55 0.00	24.14 0.73 0.00	27.72 0.86 0.00	29.15 0.93 0.00	30.70 1.04 0.00	31.75 1.04 0.00	33.77 1.08 0.00	35.79 1.11 0.00	36.15 1.19 0.00	39.11 1.32 0.00	39.02 1.28 0.00	40.56 1.41 0.00	40.99 1.46 0.00	42.07 1.46 0.00	38.83 1.39 0.00	37.81 1.42 0.00	37.12 1.29 0.00	34.26 1.22 0.00	31.26 1.12 0.00	28.96 1.03 0.00
GILBOA___2 23757	26.23 0.79 0.00	24.20 0.73 0.00	22.89 0.54 0.00	22.54 0.53 0.00	22.72 0.55 0.00	24.14 0.73 0.00	27.72 0.86 0.00	29.15 0.93 0.00	30.70 1.04 0.00	31.75 1.04 0.00	33.77 1.08 0.00	35.79 1.11 0.00	36.15 1.19 0.00	39.11 1.32 0.00	39.02 1.28 0.00	40.56 1.41 0.00	40.99 1.46 0.00	42.07 1.46 0.00	38.83 1.39 0.00	37.81 1.42 0.00	37.12 1.29 0.00	34.26 1.22 0.00	31.26 1.12 0.00	28.96 1.03 0.00

GILBOA___3 23758	26.23 0.79 0.00	24.20 0.73 0.00	22.89 0.54 0.00	22.54 0.53 0.00	22.72 0.55 0.00	24.14 0.73 0.00	27.72 0.86 0.00	29.15 0.93 0.00	30.70 1.04 0.00	31.75 1.04 0.00	33.77 1.08 0.00	35.79 1.11 0.00	36.15 1.19 0.00	39.11 1.32 0.00	39.02 1.28 0.00	40.56 1.41 0.00	40.99 1.46 0.00	42.07 1.46 0.00	38.83 1.39 0.00	37.81 1.42 0.00	37.12 1.29 0.00	34.26 1.22 0.00	31.26 1.12 0.00	28.96 1.03 0.00
GILBOA___4 23759	26.23 0.79 0.00	24.20 0.73 0.00	22.89 0.54 0.00	22.54 0.53 0.00	22.72 0.55 0.00	24.14 0.73 0.00	27.72 0.86 0.00	29.15 0.93 0.00	30.70 1.04 0.00	31.75 1.04 0.00	33.77 1.08 0.00	35.79 1.11 0.00	36.15 1.19 0.00	39.11 1.32 0.00	39.02 1.28 0.00	40.56 1.41 0.00	40.99 1.46 0.00	42.07 1.46 0.00	38.83 1.39 0.00	37.81 1.42 0.00	37.12 1.29 0.00	34.26 1.22 0.00	31.26 1.12 0.00	28.96 1.03 0.00
GILBOA___ 23599	26.25 0.81 0.00	24.18 0.70 0.00	22.89 0.54 0.00	22.54 0.53 0.00	22.72 0.55 0.00	24.05 0.63 0.00	27.72 0.86 0.00	29.15 0.93 0.00	30.70 1.04 0.00	31.75 1.04 0.00	33.77 1.08 0.00	35.79 1.11 0.00	36.15 1.19 0.00	39.11 1.32 0.00	39.02 1.28 0.00	40.56 1.41 0.00	40.99 1.46 0.00	42.07 1.46 0.00	38.83 1.39 0.00	37.70 1.31 0.00	37.12 1.29 0.00	34.26 1.22 0.00	31.26 1.12 0.00	28.96 1.03 0.00
GINNA___ 23603	24.55 -0.89 0.00	22.58 -0.89 0.00	21.34 -1.01 0.00	20.91 -1.10 0.00	21.06 -1.11 0.00	22.57 -0.84 0.00	25.65 -1.21 0.00	27.12 -1.10 0.00	28.39 -1.27 0.00	29.54 -1.17 0.00	31.90 -0.78 0.00	34.09 -0.59 0.00	33.84 -1.12 0.00	36.92 -0.87 0.00	36.53 -1.21 0.00	37.75 -1.41 0.00	38.02 -1.50 0.00	38.98 -1.63 0.00	35.87 -1.57 0.00	34.83 -1.56 0.00	34.11 -1.72 0.00	31.15 -1.88 0.00	28.67 -1.48 0.00	26.56 -1.37 0.00
GLEN PARK___ 23778	25.19 0.10 0.35	23.56 0.09 0.00	22.33 -0.02 0.00	22.03 0.02 0.00	22.14 -0.02 0.00	23.56 0.14 0.00	27.16 0.30 0.00	28.50 0.28 0.00	30.36 0.30 -0.40	31.67 0.40 -0.56	33.86 0.26 -0.91	35.60 0.24 -0.67	35.71 0.07 -0.67	37.78 0.00 0.01	37.52 -0.08 0.14	38.14 0.12 1.14	40.09 -0.12 -0.69	41.10 0.32 -0.17	37.50 0.34 0.28	36.97 0.55 -0.04	36.42 0.46 -0.13	33.61 0.40 -0.17	30.39 0.24 0.00	27.99 0.06 0.00
GLENDALE_27_KV_LOAD 356172	27.70 2.26 0.00	25.33 1.85 0.00	23.89 1.54 0.00	23.48 1.47 0.00	23.65 1.48 0.00	25.17 1.76 0.00	29.20 2.34 0.00	30.84 2.62 0.00	32.66 3.00 0.00	33.72 3.01 0.00	35.89 3.20 0.00	37.98 3.29 0.00	38.64 3.67 0.00	41.64 3.85 0.00	41.55 3.81 0.00	46.25 4.46 -2.63	46.21 4.58 -2.10	45.08 4.47 -0.01	41.57 4.12 -0.01	40.22 3.82 -0.01	39.59 3.76 0.00	36.44 3.40 0.00	33.35 3.20 -0.01	30.81 2.88 0.00
GLENWOOD_IC_1_G5 23712	33.21 2.44 -5.33	27.94 2.07 -2.41	28.66 1.77 -4.55	26.62 1.72 -2.90	27.41 1.73 -3.52	31.44 1.97 -6.06	33.84 2.52 -4.46	33.88 2.79 -2.87	35.67 3.17 -2.83	35.60 3.22 -1.66	38.04 3.56 -1.79	41.16 3.71 -2.77	41.59 3.99 -2.63	42.06 4.16 -0.11	41.62 3.89 0.00	43.62 4.46 0.00	46.66 4.58 -2.55	46.59 4.51 -1.47	41.53 4.08 0.00	40.39 4.00 0.00	39.59 3.76 0.00	36.77 3.73 0.00	34.36 3.32 -0.89	34.09 3.02 -3.14
GLENWOOD_IC_2_G1 23688	33.09 2.31 -5.34	27.93 2.04 -2.42	28.60 1.70 -4.56	26.57 1.65 -2.91	27.35 1.66 -3.52	31.52 2.04 -6.07	33.77 2.44 -4.46	33.80 2.71 -2.87	35.56 3.06 -2.84	35.48 3.10 -1.67	37.88 3.40 -1.80	41.00 3.54 -2.78	41.42 3.81 -2.64	42.01 4.00 -0.21	41.70 3.96 0.00	43.69 4.54 0.00	46.71 4.62 -2.56	46.68 4.59 -1.48	41.68 4.23 0.00	40.39 4.00 0.00	39.63 3.80 0.00	36.64 3.60 0.00	34.24 3.19 -0.90	34.01 2.93 -3.15
GLENWOOD_IC_3_G1 23689	33.09 2.31 -5.34	27.93 2.04 -2.42	28.60 1.70 -4.56	26.57 1.65 -2.91	27.35 1.66 -3.52	31.52 2.04 -6.07	33.77 2.44 -4.46	33.80 2.71 -2.87	35.56 3.06 -2.84	35.48 3.10 -1.67	37.88 3.40 -1.80	41.00 3.54 -2.78	41.42 3.81 -2.64	42.01 4.00 -0.21	41.70 3.96 0.00	43.69 4.54 0.00	46.71 4.62 -2.56	46.68 4.59 -1.48	41.68 4.23 0.00	40.39 4.00 0.00	39.63 3.80 0.00	36.64 3.60 0.00	34.24 3.19 -0.90	34.01 2.93 -3.15
GLENWOOD___4 23550	33.21 2.44 -5.33	27.94 2.07 -2.41	28.66 1.77 -4.55	26.62 1.72 -2.90	27.41 1.73 -3.52	31.44 1.97 -6.06	33.84 2.52 -4.46	33.88 2.79 -2.87	35.67 3.17 -2.83	35.60 3.22 -1.66	38.04 3.56 -1.79	41.16 3.71 -2.77	41.59 3.99 -2.63	42.09 4.19 -0.11	41.73 4.00 0.00	43.70 4.54 0.00	46.78 4.70 -2.55	46.71 4.63 -1.47	41.60 4.16 0.00	40.39 4.00 0.00	39.59 3.76 0.00	36.77 3.73 0.00	34.36 3.32 -0.89	34.09 3.02 -3.14
GLENWOOD___5 23614	33.21 2.44 -5.33	27.94 2.07 -2.41	28.66 1.77 -4.55	26.62 1.72 -2.90	27.41 1.73 -3.52	31.44 1.97 -6.06	33.84 2.52 -4.46	33.88 2.79 -2.87	35.67 3.17 -2.83	35.60 3.22 -1.66	38.04 3.56 -1.79	41.16 3.71 -2.77	41.59 3.99 -2.63	42.09 4.19 -0.11	41.73 4.00 0.00	43.70 4.54 0.00	46.78 4.70 -2.55	46.71 4.63 -1.47	41.60 4.16 0.00	40.39 4.00 0.00	39.59 3.76 0.00	36.77 3.73 0.00	34.36 3.32 -0.89	34.09 3.02 -3.14
GLOBAL GREEN_PORT_GT1 23814	33.88 3.10 -5.34	28.65 2.77 -2.42	29.34 2.44 -4.56	27.34 2.42 -2.91	28.19 2.50 -3.52	32.34 2.86 -6.07	34.63 3.30 -4.46	34.76 3.67 -2.87	36.89 4.39 -2.84	36.83 4.45 -1.67	39.65 5.16 -1.80	42.87 5.41 -2.78	43.28 5.66 -2.65	44.05 6.23 -0.03	44.65 6.91 -0.01	46.88 7.71 -0.01	49.92 7.83 -2.57	49.97 7.88 -1.48	44.65 7.19 -0.01	43.23 6.84 0.00	42.00 6.17 0.00	38.88 5.85 0.00	36.02 4.97 -0.90	35.60 4.52 -3.15
GLOBE___DSASP 323697	24.73 -0.71 0.00	22.79 -0.68 0.00	21.55 -0.80 0.00	20.95 -1.06 0.00	21.12 -1.04 0.00	22.46 -0.96 0.00	25.54 -1.32 0.00	26.92 -1.30 0.00	28.09 -1.57 0.00	29.20 -1.50 0.00	31.74 -0.95 0.00	34.27 -0.42 0.00	33.60 -1.36 0.00	36.92 -0.87 0.00	36.41 -1.32 0.00	37.20 -1.96 0.00	37.31 -2.21 0.00	38.38 -2.23 0.00	35.69 -1.76 0.00	34.57 -1.82 0.00	33.54 -2.29 0.00	30.43 -2.61 0.00	28.43 -1.72 0.00	26.67 -1.26 0.00
GOETHSLN___LBMP 323567	27.35 1.91 0.00	25.02 1.55 0.00	23.60 1.25 0.00	23.24 1.23 0.00	23.40 1.24 0.00	24.89 1.48 0.00	28.85 1.99 0.00	30.48 2.26 0.00	32.24 2.58 0.00	33.29 2.58 0.00	35.43 2.75 0.00	37.49 2.81 0.00	38.08 3.11 0.00	41.08 3.29 0.00	40.98 3.25 0.00	42.95 3.80 0.00	43.40 3.87 0.00	44.35 3.74 0.00	40.93 3.48 0.00	39.59 3.20 0.00	39.09 3.26 0.00	36.08 3.04 0.00	32.92 2.77 0.00	30.44 2.51 0.00
GOLAH___69_KV_TB 1_2 80279	25.77 0.33 0.00	23.73 0.26 0.00	22.42 0.07 0.00	21.90 -0.11 0.00	22.10 -0.07 0.00	23.46 0.05 0.00	26.83 -0.03 0.00	28.33 0.11 0.00	29.54 -0.12 0.00	30.65 -0.06 0.00	33.15 0.46 0.00	35.48 0.80 0.00	35.03 0.07 0.00	38.36 0.57 0.00	37.96 0.23 0.00	39.08 -0.08 0.00	39.33 -0.20 0.00	40.45 -0.16 0.00	37.45 0.00 0.00	36.35 -0.04 0.00	35.44 -0.39 0.00	32.24 -0.79 0.00	29.82 -0.33 0.00	27.71 -0.22 0.00

GOODYEAR_LAKE_HYD 323669	26.84 1.40 0.00	24.69 1.22 0.00	23.33 0.98 0.00	22.95 0.95 0.00	23.12 0.95 0.00	24.56 1.15 0.00	28.39 1.53 0.00	29.94 1.72 0.00	31.44 1.78 0.00	32.55 1.84 0.00	34.62 1.93 0.00	36.87 2.18 0.00	37.13 2.17 0.00	40.13 2.34 0.00	40.04 2.30 0.00	41.54 2.39 0.00	42.01 2.49 0.00	43.33 2.72 0.00	39.95 2.51 0.00	38.76 2.37 0.00	38.05 2.22 0.00	35.08 2.05 0.00	31.96 1.81 0.00	29.49 1.56 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.92 0.48 0.00	23.87 0.40 0.00	22.57 0.22 0.00	22.12 0.11 0.00	22.32 0.16 0.00	23.67 0.26 0.00	27.26 0.40 0.00	28.76 0.54 0.00	30.31 0.47 -0.18	31.48 0.52 -0.25	33.81 0.72 -0.41	35.92 0.94 -0.30	36.14 0.73 -0.44	39.25 0.98 -0.48	39.04 0.87 -0.43	40.44 0.86 -0.43	40.71 0.79 -0.39	41.66 0.81 -0.24	38.50 0.82 -0.23	37.10 0.69 -0.02	36.43 0.54 -0.06	33.44 0.33 -0.08	30.60 0.45 0.00	28.29 0.36 0.00
GOUDEY___7 23579	25.95 0.51 0.00	23.89 0.42 0.00	22.60 0.25 0.00	22.14 0.13 0.00	22.34 0.18 0.00	23.70 0.28 0.00	27.29 0.43 0.00	28.78 0.56 0.00	30.34 0.50 -0.18	31.51 0.55 -0.25	33.88 0.78 -0.41	35.99 1.01 -0.30	36.17 0.77 -0.44	39.33 1.06 -0.48	39.11 0.94 -0.43	40.52 0.94 -0.43	40.79 0.87 -0.39	41.70 0.85 -0.24	38.54 0.86 -0.23	37.13 0.73 -0.02	36.46 0.57 -0.06	33.48 0.36 -0.08	30.63 0.48 0.00	28.32 0.39 0.00
GOUDEY___8 23580	25.92 0.48 0.00	23.87 0.40 0.00	22.57 0.22 0.00	22.12 0.11 0.00	22.32 0.16 0.00	23.67 0.26 0.00	27.26 0.40 0.00	28.76 0.54 0.00	30.31 0.47 -0.18	31.48 0.52 -0.25	33.81 0.72 -0.41	35.92 0.94 -0.30	36.14 0.73 -0.44	39.25 0.98 -0.48	39.04 0.87 -0.43	40.44 0.86 -0.43	40.71 0.79 -0.39	41.66 0.81 -0.24	38.50 0.82 -0.23	37.10 0.69 -0.02	36.43 0.54 -0.06	33.44 0.33 -0.08	30.60 0.45 0.00	28.29 0.36 0.00
GOWANUS_GT1_1 24077	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT1_2 24078	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT1_3 24079	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT1_4 24080	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT1_5 24084	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT1_6 24111	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT1_7 24112	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT1_8 24113	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT2_1 24114	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT2_2 24115	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT2_3 24116	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02

GOWANUS_GT2_4 24117	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT2_5 24118	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT2_6 24119	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT2_7 24120	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT2_8 24121	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_1 24122	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_2 24123	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_3 24124	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_4 24125	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_5 24126	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_6 24127	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_7 24128	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT3_8 24129	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
GOWANUS_GT4_1 24130	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT4_2 24131	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02

GOWANUS_GT4_3 24132	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT4_4 24133	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT4_5 24134	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT4_6 24135	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT4_7 24136	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GOWANUS_GT4_8 24137	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	98.61 4.46 -54.99	81.54 4.58 -37.43	51.82 4.51 -6.70	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GREENBSH_115KV_TB3 55895	26.02 0.59 0.00	24.03 0.56 0.00	22.77 0.42 0.00	22.49 0.48 0.00	22.61 0.44 0.00	23.91 0.49 0.00	27.53 0.67 0.00	28.92 0.71 0.00	30.43 0.77 0.00	31.48 0.77 0.00	33.41 0.72 0.00	35.34 0.66 0.00	35.73 0.77 0.00	38.66 0.87 0.00	38.60 0.87 0.00	40.21 1.06 0.00	40.63 1.11 0.00	41.79 1.18 0.00	38.53 1.09 0.00	37.37 0.98 0.00	36.84 1.00 0.00	34.09 1.06 0.00	31.05 0.90 0.00	28.79 0.87 0.00
GREENIDGE_115KV_TB5 80291	25.84 0.41 0.00	23.78 0.31 0.00	22.48 0.13 0.00	21.99 -0.02 0.00	22.16 0.00 0.00	23.60 0.19 0.00	27.21 0.35 0.00	28.81 0.59 0.00	30.19 0.39 -0.15	31.40 0.49 -0.20	33.90 0.88 -0.33	35.76 0.83 -0.24	35.67 0.35 -0.36	38.98 0.79 -0.39	38.66 0.57 -0.35	39.86 0.35 -0.35	40.12 0.28 -0.32	41.13 0.32 -0.20	38.16 0.52 -0.19	36.77 0.36 -0.01	36.06 0.18 -0.05	33.17 0.07 -0.06	30.45 0.30 0.00	28.10 0.17 0.00
GREENIDGE___3 23582	25.84 0.41 0.00	23.78 0.31 0.00	22.48 0.13 0.00	21.99 -0.02 0.00	22.16 0.00 0.00	23.60 0.19 0.00	27.21 0.35 0.00	28.81 0.59 0.00	30.19 0.39 -0.15	31.40 0.49 -0.20	33.90 0.88 -0.33	35.76 0.83 -0.24	35.67 0.35 -0.36	38.98 0.79 -0.39	38.66 0.57 -0.35	39.86 0.35 -0.35	40.12 0.28 -0.32	41.13 0.32 -0.20	38.16 0.52 -0.19	36.77 0.36 -0.01	36.06 0.18 -0.05	33.17 0.07 -0.06	30.45 0.30 0.00	28.10 0.17 0.00
GREENIDGE___4 23583	25.90 0.46 0.00	23.80 0.33 0.00	22.49 0.13 0.00	21.99 -0.02 0.00	22.16 0.00 0.00	23.84 0.42 0.00	27.21 0.35 0.00	28.81 0.59 0.00	30.19 0.38 -0.15	31.43 0.52 -0.20	33.93 0.91 -0.33	35.76 0.83 -0.24	35.67 0.35 -0.36	38.98 0.79 -0.39	38.66 0.57 -0.35	39.78 0.28 -0.35	40.12 0.28 -0.32	41.09 0.29 -0.20	38.01 0.37 -0.19	36.73 0.33 -0.01	36.02 0.14 -0.05	33.17 0.07 -0.06	30.45 0.30 0.00	28.10 0.17 0.00
GREENLWN_69_KV_BK 3 55738	32.86 2.09 -5.33	27.66 1.78 -2.41	28.37 1.48 -4.55	26.34 1.43 -2.90	27.14 1.46 -3.52	31.14 1.66 -6.06	33.49 2.18 -4.46	33.51 2.43 -2.87	35.13 2.64 -2.83	35.04 2.67 -1.66	37.35 2.88 -1.79	40.43 2.98 -2.77	40.88 3.29 -2.63	41.35 3.55 -0.01	41.16 3.43 0.00	43.14 3.99 0.00	46.22 4.15 -2.55	46.14 4.06 -1.47	41.11 3.67 0.00	39.67 3.28 0.00	38.84 3.01 0.00	36.08 3.04 0.00	33.78 2.74 -0.89	33.59 2.51 -3.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02
GRISSOM___SOLAR 323813	28.82 3.38 0.00	26.59 3.12 0.00	24.96 2.61 0.00	24.63 2.62 0.00	24.73 2.57 0.00	26.53 3.11 0.00	30.78 3.92 0.00	32.51 4.29 0.00	34.02 4.36 0.00	35.28 4.58 0.00	37.40 4.71 0.00	39.68 5.00 0.00	39.72 4.75 0.00	42.97 5.18 0.00	43.09 5.36 0.00	44.91 5.76 0.00	45.53 6.01 0.00	47.55 6.94 0.00	43.62 6.18 0.00	42.39 6.00 0.00	41.74 5.91 0.00	38.45 5.42 0.00	34.94 4.79 0.00	32.04 4.11 0.00
GROVEVILLE___HYD 323602	27.32 1.88 0.00	25.07 1.60 0.00	23.69 1.34 0.00	23.33 1.32 0.00	23.51 1.35 0.00	24.94 1.52 0.00	28.79 1.93 0.00	30.22 2.00 0.00	32.00 2.34 0.00	33.10 2.40 0.00	35.20 2.52 0.00	37.25 2.57 0.00	37.83 2.87 0.00	40.96 3.17 0.00	40.79 3.06 0.00	42.76 3.60 0.00	43.16 3.64 0.00	44.35 3.74 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.84 3.01 0.00	35.84 2.81 0.00	32.62 2.47 0.00	30.25 2.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.59 0.15 0.00	23.59 0.12 0.00	22.35 0.00 0.00	21.96 -0.04 0.00	22.12 -0.04 0.00	23.44 0.02 0.00	26.99 0.13 0.00	28.39 0.17 0.00	30.23 0.09 -0.48	31.56 0.18 -0.66	34.06 0.29 -1.08	35.90 0.42 -0.80	36.41 0.28 -1.17	39.53 0.45 -1.28	39.27 0.38 -1.16	40.61 0.31 -1.14	40.85 0.28 -1.05	41.54 0.28 -0.64	38.25 0.19 -0.62	36.54 0.11 -0.04	36.05 0.07 -0.15	33.18 -0.07 -0.21	30.18 0.03 0.00	27.90 -0.03 0.00

HAMLTNNY_34_KV_TB 80303	25.64 0.20 0.00	23.64 0.16 0.00	22.39 0.04 0.00	21.99 -0.02 0.00	22.14 -0.02 0.00	23.49 0.07 0.00	27.05 0.19 0.00	28.47 0.25 0.00	30.30 0.15 -0.49	31.64 0.25 -0.68	34.19 0.39 -1.11	36.02 0.52 -0.82	36.52 0.35 -1.20	39.67 0.57 -1.32	39.38 0.45 -1.19	40.76 0.43 -1.17	40.95 0.36 -1.07	41.64 0.37 -0.66	38.38 0.30 -0.63	36.62 0.18 -0.04	36.13 0.14 -0.15	33.21 -0.03 -0.21	30.24 0.09 0.00	27.93 0.00 0.00
HAMPSHIRE___PAPER_HYD 323593	23.71 -0.74 0.99	22.81 -0.66 0.00	21.81 -0.54 0.00	21.55 -0.46 0.00	21.65 -0.51 0.00	22.81 -0.61 0.00	26.29 -0.57 0.00	27.54 -0.68 0.00	29.02 -0.80 -0.16	30.10 -0.83 -0.22	32.04 -1.01 -0.36	33.77 -1.18 -0.27	33.13 -1.29 0.54	33.51 -1.47 2.81	33.42 -1.40 2.92	31.96 -1.33 5.87	37.99 -1.30 0.23	38.57 -1.14 0.91	34.30 -0.97 2.17	35.49 -0.91 -0.01	35.06 -0.82 -0.05	32.31 -0.79 -0.07	29.36 -0.78 0.00	27.18 -0.75 0.00
HARDSCRABBLE_WT_PWR 323673	24.90 -0.63 -0.09	22.91 -0.56 0.00	21.72 -0.63 0.00	21.39 -0.62 0.00	21.52 -0.64 0.00	22.81 -0.61 0.00	26.21 -0.64 0.00	27.54 -0.68 0.00	28.95 -0.71 0.00	29.94 -0.77 0.00	31.87 -0.82 0.00	33.75 -0.93 0.00	34.18 -0.87 -0.09	37.11 -0.98 -0.30	37.06 -0.98 -0.31	38.69 -1.06 -0.59	38.47 -1.11 -0.05	39.62 -1.09 -0.11	36.66 -1.01 -0.22	35.33 -1.06 0.00	34.79 -1.04 0.00	32.24 -0.79 0.00	29.39 -0.75 0.00	27.23 -0.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.14 1.70 0.00	24.90 1.43 0.00	23.53 1.18 0.00	23.15 1.14 0.00	23.34 1.17 0.00	24.77 1.36 0.00	28.61 1.75 0.00	30.11 1.89 0.00	31.85 2.19 0.00	32.95 2.24 0.00	35.04 2.35 0.00	37.11 2.43 0.00	37.66 2.69 0.00	40.74 2.95 0.00	40.60 2.87 0.00	42.56 3.41 0.00	42.96 3.44 0.00	44.10 3.49 0.00	40.63 3.18 0.00	39.30 2.91 0.00	38.66 2.83 0.00	35.68 2.64 0.00	32.47 2.32 0.00	30.08 2.15 0.00
HARSNRAD_115KV_TB1 81005	25.26 -0.18 0.00	23.26 -0.21 0.00	21.97 -0.38 0.00	21.39 -0.62 0.00	21.56 -0.60 0.00	22.92 -0.49 0.00	26.13 -0.73 0.00	27.63 -0.59 0.00	28.80 -0.86 0.00	29.97 -0.74 0.00	32.59 -0.10 0.00	35.17 0.49 0.00	34.51 -0.45 0.00	37.94 0.15 0.00	37.40 -0.34 0.00	38.25 -0.90 0.00	38.38 -1.15 0.00	39.43 -1.18 0.00	36.66 -0.79 0.00	35.44 -0.95 0.00	34.40 -1.43 0.00	31.19 -1.85 0.00	29.12 -1.03 0.00	27.26 -0.67 0.00
HARZA MOOSE___RIVER 24016	25.36 0.13 0.21	23.59 0.12 0.00	22.39 0.04 0.00	22.07 0.07 0.00	22.18 0.02 0.00	23.53 0.12 0.00	27.13 0.27 0.00	28.56 0.34 0.00	30.06 0.27 -0.14	31.20 0.31 -0.19	33.22 0.23 -0.31	35.22 0.31 -0.23	35.35 0.24 -0.14	37.74 0.26 0.31	37.68 0.30 0.36	38.73 0.55 0.98	40.29 0.59 -0.17	41.41 0.85 0.05	37.95 0.82 0.32	37.20 0.80 -0.01	36.59 0.72 -0.04	33.72 0.63 -0.06	30.63 0.48 0.00	28.26 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.44 0.00 0.00	23.45 -0.02 0.00	22.24 -0.11 0.00	21.83 -0.18 0.00	21.99 -0.18 0.00	23.30 -0.12 0.00	26.83 -0.03 0.00	28.22 0.00 0.00	29.83 -0.09 -0.26	31.04 -0.03 -0.36	33.37 0.10 -0.58	35.32 0.21 -0.43	35.67 0.07 -0.63	38.67 0.19 -0.69	38.47 0.11 -0.62	39.81 0.04 -0.62	40.09 0.00 -0.56	40.96 0.00 -0.35	37.74 -0.04 -0.33	36.27 -0.15 -0.02	35.73 -0.18 -0.08	32.88 -0.26 -0.11	30.00 -0.15 0.00	27.73 -0.20 0.00
HELLGATE_13_KV_LD 55870	27.58 2.14 0.00	25.23 1.76 0.00	23.81 1.45 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.06 2.20 0.00	30.70 2.48 0.00	32.48 2.82 0.00	33.53 2.83 0.00	35.70 3.01 0.00	37.73 3.05 0.00	38.39 3.43 0.00	41.38 3.59 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.89 4.27 -2.10	44.80 4.18 -0.01	41.31 3.86 -0.01	39.96 3.57 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.17 3.01 -0.01	30.67 2.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.58 2.14 0.00	25.23 1.76 0.00	23.81 1.45 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.06 1.64 0.00	29.06 2.20 0.00	30.70 2.48 0.00	32.48 2.82 0.00	33.53 2.83 0.00	35.70 3.01 0.00	37.73 3.05 0.00	38.39 3.43 0.00	41.38 3.59 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.89 4.27 -2.10	44.80 4.18 -0.01	41.31 3.86 -0.01	39.96 3.57 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.17 3.01 -0.01	30.67 2.74 0.00
HEMPSTEAD____ 23647	33.04 2.26 -5.34	27.88 1.99 -2.42	28.56 1.65 -4.56	26.54 1.63 -2.91	27.33 1.64 -3.52	31.47 1.99 -6.07	33.71 2.39 -4.46	33.72 2.62 -2.87	35.50 2.99 -2.84	35.42 3.04 -1.67	37.78 3.30 -1.80	40.90 3.43 -2.78	41.28 3.67 -2.64	41.76 3.89 -0.07	41.59 3.85 0.00	43.58 4.42 0.00	46.59 4.50 -2.56	46.52 4.43 -1.48	41.57 4.12 0.00	40.29 3.90 0.00	39.52 3.69 0.00	36.54 3.50 0.00	34.18 3.14 -0.90	33.93 2.85 -3.15
HEWLETT_69_KV_BK3 55828	33.26 2.49 -5.33	28.01 2.14 -2.41	28.71 1.81 -4.55	26.67 1.76 -2.90	27.47 1.80 -3.52	31.51 2.04 -6.06	33.95 2.63 -4.46	33.96 2.88 -2.87	35.73 3.23 -2.83	35.69 3.32 -1.66	38.07 3.60 -1.79	41.20 3.75 -2.77	41.59 3.99 -2.63	42.13 4.31 -0.04	41.96 4.23 0.00	43.93 4.78 0.00	47.10 5.02 -2.55	47.04 4.95 -1.47	41.94 4.49 0.00	40.54 4.15 0.00	39.74 3.91 0.00	36.93 3.90 0.00	34.51 3.47 -0.89	34.23 3.16 -3.14
HICKLING___1 23621	25.92 0.48 0.00	23.85 0.38 0.00	22.51 0.16 0.00	21.94 -0.07 0.00	22.18 0.02 0.00	23.60 0.19 0.00	27.18 0.32 0.00	28.81 0.59 0.00	30.22 0.42 -0.15	31.44 0.52 -0.21	33.94 0.92 -0.34	36.21 1.28 -0.25	36.13 0.80 -0.36	39.47 1.28 -0.40	39.19 1.09 -0.36	40.45 0.94 -0.35	40.64 0.79 -0.32	41.54 0.73 -0.20	38.50 0.86 -0.19	37.06 0.66 -0.01	36.27 0.39 -0.05	33.17 0.07 -0.06	30.48 0.33 0.00	28.15 0.22 0.00
HICKLING___2 23622	25.92 0.48 0.00	23.85 0.38 0.00	22.51 0.16 0.00	21.94 -0.07 0.00	22.18 0.02 0.00	23.60 0.19 0.00	27.18 0.32 0.00	28.81 0.59 0.00	30.22 0.42 -0.15	31.44 0.52 -0.21	33.94 0.92 -0.34	36.21 1.28 -0.25	36.13 0.80 -0.36	39.47 1.28 -0.40	39.19 1.09 -0.36	40.45 0.94 -0.35	40.64 0.79 -0.32	41.54 0.73 -0.20	38.50 0.86 -0.19	37.06 0.66 -0.01	36.27 0.39 -0.05	33.17 0.07 -0.06	30.48 0.33 0.00	28.15 0.22 0.00
HIGH FALLS___HY 23754	27.29 1.86 0.00	25.02 1.55 0.00	23.65 1.30 0.00	23.26 1.25 0.00	23.47 1.31 0.00	24.89 1.48 0.00	28.74 1.88 0.00	30.17 1.95 0.00	31.97 2.31 0.00	33.04 2.33 0.00	35.14 2.45 0.00	37.25 2.57 0.00	37.87 2.90 0.00	40.96 3.17 0.00	40.83 3.09 0.00	42.80 3.64 0.00	43.24 3.72 0.00	44.39 3.78 0.00	40.93 3.48 0.00	39.59 3.20 0.00	38.88 3.05 0.00	35.84 2.81 0.00	32.59 2.44 0.00	30.22 2.29 0.00
HIGH_RIVER___SOLAR 323847	26.86 1.42 0.00	24.78 1.31 0.00	23.42 1.07 0.00	23.06 1.06 0.00	23.20 1.04 0.00	24.70 1.29 0.00	28.39 1.53 0.00	29.83 1.61 0.00	31.29 1.63 0.00	32.21 1.50 0.00	34.16 1.47 0.00	36.17 1.49 0.00	36.47 1.50 0.00	39.45 1.66 0.00	39.47 1.74 0.00	41.15 2.00 0.00	41.78 2.25 0.00	43.17 2.56 0.00	39.88 2.43 0.00	38.79 2.40 0.00	38.16 2.33 0.00	35.25 2.21 0.00	32.11 1.96 0.00	29.69 1.76 0.00

HILLBURN___GT 23639	27.14 1.70 0.00	24.97 1.50 0.00	23.53 1.18 0.00	23.15 1.14 0.00	23.34 1.17 0.00	24.89 1.48 0.00	28.63 1.77 0.00	30.19 1.97 0.00	31.91 2.25 0.00	33.01 2.30 0.00	35.11 2.42 0.00	37.18 2.50 0.00	37.69 2.73 0.00	40.74 2.95 0.00	40.64 2.91 0.00	42.64 3.48 0.00	43.04 3.52 0.00	44.10 3.49 0.00	40.70 3.26 0.00	39.48 3.09 0.00	38.70 2.87 0.00	35.75 2.71 0.00	32.56 2.41 0.00	30.11 2.18 0.00
HILLSIDE_115KV_TB1 80332	25.62 0.18 0.00	23.56 0.09 0.00	22.24 -0.11 0.00	21.72 -0.29 0.00	21.96 -0.20 0.00	23.32 -0.09 0.00	26.83 -0.03 0.00	28.42 0.20 0.00	29.81 0.00 -0.15	31.01 0.09 -0.21	33.43 0.39 -0.35	35.63 0.69 -0.26	35.59 0.24 -0.38	38.84 0.64 -0.41	38.56 0.45 -0.37	39.87 0.35 -0.37	40.06 0.20 -0.34	40.98 0.16 -0.21	37.98 0.34 -0.20	36.59 0.18 -0.01	35.81 -0.07 -0.05	32.81 -0.30 -0.07	30.12 -0.03 0.00	27.82 -0.11 0.00
HISHELDN_WT_PWR 323625	25.39 -0.05 0.00	23.35 -0.12 0.00	22.04 -0.31 0.00	21.46 -0.55 0.00	21.65 -0.51 0.00	23.44 0.02 0.00	26.38 -0.48 0.00	27.91 -0.31 0.00	29.16 -0.50 0.00	30.34 -0.37 0.00	32.98 0.29 0.00	35.44 0.76 0.00	34.90 -0.07 0.00	38.32 0.53 0.00	37.89 0.15 0.00	38.84 -0.31 0.00	39.01 -0.51 0.00	39.92 -0.69 0.00	36.81 -0.64 0.00	35.74 -0.65 0.00	34.79 -1.04 0.00	31.65 -1.39 0.00	29.42 -0.72 0.00	27.43 -0.50 0.00
HOLTSVILLE_IC_1 23690	33.12 2.34 -5.34	28.00 2.11 -2.42	28.69 1.79 -4.56	26.65 1.74 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.82 2.50 -4.46	33.86 2.77 -2.87	35.68 3.18 -2.84	35.54 3.16 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.39 3.78 -2.65	41.94 4.12 -0.03	41.78 4.04 -0.01	43.86 4.70 -0.01	46.80 4.70 -2.57	46.80 4.71 -1.48	41.83 4.38 -0.01	40.65 4.26 0.00	39.70 3.87 0.00	36.70 3.67 0.00	34.36 3.32 0.00	34.10 3.02 -3.15
HOLTSVILLE_IC_10 23699	33.27 2.49 -5.34	28.12 2.23 -2.42	28.80 1.90 -4.56	26.76 1.85 -2.91	27.59 1.91 -3.52	31.71 2.23 -6.07	33.98 2.66 -4.46	34.03 2.93 -2.87	35.88 3.38 -2.84	35.79 3.41 -1.67	38.18 3.69 -1.80	41.32 3.85 -2.78	41.74 4.12 -2.65	42.35 4.53 -0.03	42.16 4.41 -0.01	44.25 5.09 -0.01	47.23 5.14 -2.57	47.21 5.12 -1.48	42.21 4.76 -0.01	41.01 4.62 0.00	40.02 4.19 0.00	37.00 3.96 0.00	34.57 3.53 -0.90	34.29 3.21 -3.15
HOLTSVILLE_IC_2 23691	33.12 2.34 -5.34	28.00 2.11 -2.42	28.69 1.79 -4.56	26.65 1.74 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.82 2.50 -4.46	33.86 2.77 -2.87	35.68 3.18 -2.84	35.54 3.16 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.39 3.78 -2.65	41.94 4.12 -0.03	41.78 4.04 -0.01	43.86 4.70 -0.01	46.80 4.70 -2.57	46.80 4.71 -1.48	41.83 4.38 -0.01	40.65 4.26 0.00	39.70 3.87 0.00	36.70 3.67 0.00	34.36 3.32 0.00	34.10 3.02 -3.15
HOLTSVILLE_IC_3 23692	33.12 2.34 -5.34	28.00 2.11 -2.42	28.69 1.79 -4.56	26.65 1.74 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.82 2.50 -4.46	33.86 2.77 -2.87	35.68 3.18 -2.84	35.54 3.16 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.39 3.78 -2.65	41.94 4.12 -0.03	41.78 4.04 -0.01	43.86 4.70 -0.01	46.80 4.70 -2.57	46.80 4.71 -1.48	41.83 4.38 -0.01	40.65 4.26 0.00	39.70 3.87 0.00	36.70 3.67 0.00	34.36 3.32 0.00	34.10 3.02 -3.15
HOLTSVILLE_IC_4 23693	33.12 2.34 -5.34	28.00 2.11 -2.42	28.69 1.79 -4.56	26.65 1.74 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.82 2.50 -4.46	33.86 2.77 -2.87	35.68 3.18 -2.84	35.54 3.16 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.39 3.78 -2.65	41.94 4.12 -0.03	41.78 4.04 -0.01	43.86 4.70 -0.01	46.80 4.70 -2.57	46.80 4.71 -1.48	41.83 4.38 -0.01	40.65 4.26 0.00	39.70 3.87 0.00	36.70 3.67 0.00	34.36 3.32 0.00	34.10 3.02 -3.15
HOLTSVILLE_IC_5 23694	33.12 2.34 -5.34	28.00 2.11 -2.42	28.69 1.79 -4.56	26.65 1.74 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.82 2.50 -4.46	33.86 2.77 -2.87	35.68 3.18 -2.84	35.54 3.16 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.39 3.78 -2.65	41.94 4.12 -0.03	41.78 4.04 -0.01	43.86 4.70 -0.01	46.80 4.70 -2.57	46.80 4.71 -1.48	41.83 4.38 -0.01	40.65 4.26 0.00	39.70 3.87 0.00	36.70 3.67 0.00	34.36 3.32 0.00	34.10 3.02 -3.15
HOLTSVILLE_IC_6 23695	33.27 2.49 -5.34	28.12 2.23 -2.42	28.80 1.90 -4.56	26.76 1.85 -2.91	27.59 1.91 -3.52	31.71 2.23 -6.07	33.98 2.66 -4.46	34.03 2.93 -2.87	35.88 3.38 -2.84	35.79 3.41 -1.67	38.18 3.69 -1.80	41.32 3.85 -2.78	41.74 4.12 -2.65	42.35 4.53 -0.03	42.16 4.41 -0.01	44.25 5.09 -0.01	47.23 5.14 -2.57	47.21 5.12 -1.48	42.21 4.76 -0.01	41.01 4.62 0.00	40.02 4.19 0.00	37.00 3.96 0.00	34.57 3.53 -0.90	34.29 3.21 -3.15
HOLTSVILLE_IC_7 23696	33.27 2.49 -5.34	28.12 2.23 -2.42	28.80 1.90 -4.56	26.76 1.85 -2.91	27.59 1.91 -3.52	31.71 2.23 -6.07	33.98 2.66 -4.46	34.03 2.93 -2.87	35.88 3.38 -2.84	35.79 3.41 -1.67	38.18 3.69 -1.80	41.32 3.85 -2.78	41.74 4.12 -2.65	42.35 4.53 -0.03	42.16 4.41 -0.01	44.25 5.09 -0.01	47.23 5.14 -2.57	47.21 5.12 -1.48	42.21 4.76 -0.01	41.01 4.62 0.00	40.02 4.19 0.00	37.00 3.96 0.00	34.57 3.53 -0.90	34.29 3.21 -3.15
HOLTSVILLE_IC_8 23697	33.27 2.49 -5.34	28.12 2.23 -2.42	28.80 1.90 -4.56	26.76 1.85 -2.91	27.59 1.91 -3.52	31.71 2.23 -6.07	33.98 2.66 -4.46	34.03 2.93 -2.87	35.88 3.38 -2.84	35.79 3.41 -1.67	38.18 3.69 -1.80	41.32 3.85 -2.78	41.74 4.12 -2.65	42.35 4.53 -0.03	42.16 4.41 -0.01	44.25 5.09 -0.01	47.23 5.14 -2.57	47.21 5.12 -1.48	42.21 4.76 -0.01	41.01 4.62 0.00	40.02 4.19 0.00	37.00 3.96 0.00	34.57 3.53 -0.90	34.29 3.21 -3.15
HOLTSVILLE_IC_9 23698	33.27 2.49 -5.34	28.12 2.23 -2.42	28.80 1.90 -4.56	26.76 1.85 -2.91	27.59 1.91 -3.52	31.71 2.23 -6.07	33.98 2.66 -4.46	34.03 2.93 -2.87	35.88 3.38 -2.84	35.79 3.41 -1.67	38.18 3.69 -1.80	41.32 3.85 -2.78	41.74 4.12 -2.65	42.35 4.53 -0.03	42.16 4.41 -0.01	44.25 5.09 -0.01	47.23 5.14 -2.57	47.21 5.12 -1.48	42.21 4.76 -0.01	41.01 4.62 0.00	40.02 4.19 0.00	37.00 3.96 0.00	34.57 3.53 -0.90	34.29 3.21 -3.15
HOMER_HL_115KV_TB2 355744	25.69 0.25 0.00	23.66 0.19 0.00	22.28 -0.07 0.00	21.66 -0.35 0.00	21.94 -0.22 0.00	23.37 -0.05 0.00	26.83 -0.03 0.00	28.42 0.20 0.00	29.60 -0.06 0.00	30.74 0.03 0.00	33.31 0.62 0.00	35.79 1.11 0.00	35.24 0.28 0.00	38.66 0.87 0.00	38.23 0.49 0.00	39.35 0.20 0.00	39.48 -0.04 0.00	40.41 -0.20 0.00	37.67 0.22 0.00	36.32 -0.07 0.00	35.29 -0.54 0.00	32.14 -0.89 0.00	29.82 -0.33 0.00	27.71 -0.22 0.00
HOWARD_WT_PWR 323690	25.90 0.46 0.00	23.66 0.19 0.00	22.28 -0.07 0.00	21.77 -0.24 0.00	21.85 -0.31 0.00	23.77 0.35 0.00	26.99 0.13 0.00	28.78 0.56 0.00	30.05 0.27 -0.13	31.19 0.31 -0.18	33.95 0.98 -0.29	36.24 1.35 -0.21	36.01 0.74 -0.31	39.45 1.32 -0.34	38.87 0.83 -0.31	38.75 -0.70 -0.30	39.33 -0.47 -0.28	40.13 -0.65 -0.17	36.97 -0.64 -0.16	35.60 -0.80 -0.01	34.83 -1.04 -0.04	31.60 -1.49 -0.05	29.06 -1.08 0.00	26.62 -1.31 0.00

HQ_GEN_CEDARS 23644	22.96 -0.71 1.77	22.85 -0.61 0.01	21.99 -0.36 0.00	21.74 -0.26 0.00	21.90 -0.27 0.00	22.99 -0.42 0.00	26.24 -0.62 0.00	27.51 -0.71 0.00	28.92 -0.74 0.00	29.91 -0.80 0.00	31.74 -0.95 0.00	33.61 -1.08 0.00	32.18 -1.12 1.67	30.68 -1.32 5.79	30.57 -1.25 5.92	26.65 -1.33 11.17	37.06 -1.42 1.04	37.06 -1.54 2.01	31.89 -1.31 4.25	35.25 -1.13 0.01	34.83 -1.00 0.00	32.08 -0.96 0.00	29.21 -0.93 0.00	27.12 -0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	22.96 -0.71 1.77	22.83 -0.63 0.01	21.99 -0.36 0.00	21.75 -0.26 0.00	21.90 -0.26 0.00	22.88 -0.58 -0.05	26.19 -0.62 0.05	27.51 -0.70 0.00	28.92 -0.74 0.00	29.91 -0.80 0.00	31.74 -0.95 0.00	33.61 -1.08 0.00	32.18 -1.12 1.67	30.72 -1.28 5.79	30.57 -1.24 5.92	26.65 -1.33 11.17	37.06 -1.42 1.04	37.06 -1.54 2.01	31.89 -1.31 4.25	35.15 -1.24 0.01	34.83 -1.00 0.00	32.08 -0.96 0.00	29.21 -0.93 0.00	27.12 -0.81 0.00
HQ_GEN_IMPORT 323601	24.48 -0.54 0.43	23.00 -0.47 0.00	22.10 -0.25 0.00	21.79 -0.22 0.00	21.94 -0.22 0.00	23.00 -0.47 -0.05	26.30 -0.51 0.05	27.65 -0.56 0.00	29.07 -0.59 0.00	30.09 -0.61 0.00	31.97 -0.72 0.00	33.92 -0.76 0.00	33.79 -0.77 0.40	35.49 -0.91 1.39	35.48 -0.83 1.42	35.49 -0.98 2.69	38.29 -0.99 0.25	39.07 -1.06 0.48	35.49 -0.93 1.02	35.48 -0.91 0.00	35.08 -0.75 0.00	32.34 -0.70 0.00	29.48 -0.66 0.00	27.34 -0.59 0.00
HQ_GEN_WHEEL 23651	24.48 -0.54 0.43	23.00 -0.47 0.00	22.10 -0.25 0.00	21.79 -0.22 0.00	21.94 -0.22 0.00	23.00 -0.47 -0.05	26.30 -0.51 0.05	27.65 -0.56 0.00	29.07 -0.59 0.00	30.09 -0.61 0.00	31.97 -0.72 0.00	33.92 -0.76 0.00	33.79 -0.77 0.40	35.49 -0.91 1.39	35.48 -0.83 1.42	35.49 -0.98 2.69	38.29 -0.99 0.25	39.07 -1.06 0.48	35.49 -0.93 1.02	35.48 -0.91 0.00	35.08 -0.75 0.00	32.34 -0.70 0.00	29.48 -0.66 0.00	27.34 -0.59 0.00
HUDSON_AVE_GT_3 23810	27.50 2.06 0.00	25.18 1.71 0.00	23.76 1.41 0.00	23.35 1.34 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.65 2.43 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.24 3.51 0.00	43.27 4.11 0.00	43.75 4.23 0.00	44.71 4.10 0.00	41.19 3.74 0.00	39.85 3.46 0.00	39.27 3.44 0.00	36.24 3.20 0.00	33.07 2.92 0.00	30.58 2.65 0.00
HUDSON_AVE_GT_4 23540	27.50 2.06 0.00	25.18 1.71 0.00	23.76 1.41 0.00	23.35 1.34 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.65 2.43 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.24 3.51 0.00	43.27 4.11 0.00	43.75 4.23 0.00	44.71 4.10 0.00	41.19 3.74 0.00	39.85 3.46 0.00	39.27 3.44 0.00	36.24 3.20 0.00	33.07 2.92 0.00	30.58 2.65 0.00
HUDSON_AVE_GT_5 23657	27.50 2.06 0.00	25.18 1.71 0.00	23.76 1.41 0.00	23.35 1.34 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.65 2.43 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.24 3.51 0.00	43.27 4.11 0.00	43.75 4.23 0.00	44.71 4.10 0.00	41.19 3.74 0.00	39.85 3.46 0.00	39.27 3.44 0.00	36.24 3.20 0.00	33.07 2.92 0.00	30.58 2.65 0.00
HUDSON_AVE_10 24168	27.45 2.01 0.00	25.11 1.64 0.00	23.69 1.34 0.00	23.31 1.30 0.00	23.47 1.31 0.00	24.96 1.55 0.00	28.95 2.10 0.00	30.59 2.37 0.00	32.39 2.73 0.00	33.41 2.70 0.00	35.56 2.88 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.19 4.03 0.00	43.71 4.19 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00
HUDSON___115KV_TB 4 355613	26.51 1.07 0.00	24.48 1.01 0.00	23.18 0.83 0.00	22.91 0.90 0.00	23.03 0.86 0.00	24.38 0.96 0.00	28.07 1.21 0.00	29.40 1.19 0.00	30.91 1.25 0.00	32.00 1.29 0.00	33.86 1.18 0.00	35.83 1.14 0.00	36.22 1.26 0.00	39.26 1.47 0.00	39.24 1.51 0.00	40.88 1.72 0.00	41.30 1.78 0.00	42.68 2.07 0.00	39.39 1.95 0.00	38.28 1.89 0.00	37.73 1.90 0.00	34.85 1.82 0.00	31.68 1.54 0.00	29.38 1.45 0.00
HUNTER MOUNT___DRP 323613	26.56 1.12 0.00	24.53 1.06 0.00	23.24 0.89 0.00	23.02 1.01 0.00	23.12 0.95 0.00	24.45 1.03 0.00	28.12 1.26 0.00	29.38 1.16 0.00	30.91 1.25 0.00	32.00 1.29 0.00	33.83 1.14 0.00	35.79 1.11 0.00	36.19 1.22 0.00	39.23 1.44 0.00	39.21 1.47 0.00	40.84 1.68 0.00	41.26 1.74 0.00	42.72 2.11 0.00	39.43 1.98 0.00	38.32 1.93 0.00	37.77 1.93 0.00	34.92 1.88 0.00	31.71 1.57 0.00	29.44 1.51 0.00
HUNTINGTON_RES_REC 323705	33.04 2.26 -5.34	27.88 1.99 -2.42	28.58 1.68 -4.56	26.54 1.63 -2.91	27.35 1.66 -3.52	31.47 1.99 -6.07	33.71 2.39 -4.46	33.77 2.68 -2.87	35.50 2.99 -2.84	35.39 3.01 -1.67	37.75 3.27 -1.80	40.93 3.47 -2.78	41.42 3.78 -2.68	41.97 4.12 -0.06	41.85 4.08 -0.04	43.81 4.62 -0.04	46.83 4.70 -2.60	46.76 4.67 -1.48	41.90 4.42 -0.04	40.57 4.18 0.00	39.59 3.76 0.00	36.61 3.57 0.00	34.18 3.14 -0.90	33.93 2.85 -3.15
HUNTLEY___63 23557	25.44 0.00 0.00	23.42 -0.05 0.00	22.13 -0.22 0.00	21.55 -0.46 0.00	21.72 -0.44 0.00	23.11 -0.30 0.00	26.35 -0.51 0.00	27.88 -0.34 0.00	29.10 -0.56 0.00	30.31 -0.40 0.00	32.95 0.26 0.00	35.55 0.87 0.00	34.86 -0.10 0.00	38.39 0.60 0.00	37.81 0.08 0.00	38.65 -0.51 0.00	38.81 -0.71 0.00	39.80 -0.81 0.00	37.00 -0.45 0.00	35.74 -0.66 0.00	34.69 -1.15 0.00	31.45 -1.59 0.00	29.36 -0.78 0.00	27.48 -0.45 0.00
HUNTLEY___64 23558	25.44 0.00 0.00	23.42 -0.05 0.00	22.13 -0.22 0.00	21.55 -0.46 0.00	21.72 -0.44 0.00	23.11 -0.30 0.00	26.35 -0.51 0.00	27.88 -0.34 0.00	29.10 -0.56 0.00	30.31 -0.40 0.00	32.95 0.26 0.00	35.55 0.87 0.00	34.86 -0.10 0.00	38.39 0.60 0.00	37.81 0.08 0.00	38.65 -0.51 0.00	38.81 -0.71 0.00	39.80 -0.81 0.00	37.00 -0.45 0.00	35.74 -0.66 0.00	34.69 -1.15 0.00	31.45 -1.59 0.00	29.36 -0.78 0.00	27.48 -0.45 0.00
HUNTLEY___65 23559	25.44 0.00 0.00	23.42 -0.05 0.00	22.13 -0.22 0.00	21.55 -0.46 0.00	21.72 -0.44 0.00	23.11 -0.30 0.00	26.35 -0.51 0.00	27.88 -0.34 0.00	29.10 -0.56 0.00	30.31 -0.40 0.00	32.95 0.26 0.00	35.55 0.87 0.00	34.86 -0.10 0.00	38.39 0.60 0.00	37.81 0.08 0.00	38.65 -0.51 0.00	38.81 -0.71 0.00	39.80 -0.81 0.00	37.00 -0.45 0.00	35.74 -0.66 0.00	34.69 -1.15 0.00	31.45 -1.59 0.00	29.36 -0.78 0.00	27.48 -0.45 0.00
HUNTLEY___66 23560	25.44 0.00 0.00	23.42 -0.05 0.00	22.13 -0.22 0.00	21.55 -0.46 0.00	21.72 -0.44 0.00	23.11 -0.30 0.00	26.35 -0.51 0.00	27.88 -0.34 0.00	29.10 -0.56 0.00	30.31 -0.40 0.00	32.95 0.26 0.00	35.55 0.87 0.00	34.86 -0.10 0.00	38.39 0.60 0.00	37.81 0.08 0.00	38.65 -0.51 0.00	38.81 -0.71 0.00	39.80 -0.81 0.00	37.00 -0.45 0.00	35.74 -0.66 0.00	34.69 -1.15 0.00	31.45 -1.59 0.00	29.36 -0.78 0.00	27.48 -0.45 0.00

HUNTLEY___67 23561	25.23 -0.20 0.00	23.26 -0.21 0.00	21.97 -0.38 0.00	21.37 -0.64 0.00	21.54 -0.62 0.00	22.92 -0.49 0.00	26.13 -0.73 0.00	27.63 -0.59 0.00	28.83 -0.83 0.00	30.00 -0.71 0.00	32.59 -0.10 0.00	35.13 0.45 0.00	34.51 -0.45 0.00	37.94 0.15 0.00	37.43 -0.30 0.00	38.29 -0.86 0.00	38.42 -1.11 0.00	39.43 -1.18 0.00	36.66 -0.79 0.00	35.44 -0.95 0.00	34.43 -1.40 0.00	31.22 -1.82 0.00	29.12 -1.03 0.00	27.26 -0.67 0.00
HUNTLEY___68 23562	25.23 -0.20 0.00	23.26 -0.21 0.00	21.97 -0.38 0.00	21.37 -0.64 0.00	21.54 -0.62 0.00	22.92 -0.49 0.00	26.13 -0.73 0.00	27.63 -0.59 0.00	28.83 -0.83 0.00	30.00 -0.71 0.00	32.59 -0.10 0.00	35.13 0.45 0.00	34.51 -0.45 0.00	37.94 0.15 0.00	37.43 -0.30 0.00	38.29 -0.86 0.00	38.42 -1.11 0.00	39.43 -1.18 0.00	36.66 -0.79 0.00	35.44 -0.95 0.00	34.43 -1.40 0.00	31.22 -1.82 0.00	29.12 -1.03 0.00	27.26 -0.67 0.00
HYLAND___LFG 323620	26.66 1.22 0.00	24.46 0.99 0.00	23.09 0.74 0.00	22.56 0.55 0.00	22.76 0.60 0.00	24.59 1.17 0.00	27.80 0.94 0.00	29.06 0.85 0.00	29.84 0.18 0.00	30.77 0.06 0.00	33.08 0.39 0.00	35.31 0.62 0.00	34.90 -0.07 0.00	38.21 0.42 0.00	38.11 0.38 0.00	39.19 0.04 0.00	39.60 0.08 0.00	41.06 0.45 0.00	38.46 1.01 0.00	37.95 1.56 0.00	37.34 1.50 0.00	33.96 0.92 0.00	31.29 1.15 0.00	28.88 0.95 0.00
INDECK___CORINTH 23802	27.22 1.78 0.00	25.18 1.71 0.00	23.69 1.34 0.00	23.37 1.37 0.00	23.49 1.33 0.00	25.05 1.64 0.00	28.96 2.10 0.00	30.45 2.23 0.00	32.00 2.34 0.00	33.32 2.61 0.00	35.33 2.65 0.00	37.39 2.71 0.00	37.62 2.66 0.00	40.74 2.95 0.00	40.79 3.06 0.00	42.48 3.33 0.00	42.88 3.36 0.00	44.39 3.78 0.00	40.85 3.41 0.00	39.74 3.35 0.00	39.17 3.33 0.00	36.14 3.10 0.00	32.83 2.68 0.00	30.28 2.35 0.00
INDECK___ILION 23567	25.45 -0.08 -0.09	23.40 -0.07 0.00	22.22 -0.13 0.00	21.88 -0.13 0.00	22.01 -0.16 0.00	23.30 -0.12 0.00	26.78 -0.08 0.00	28.13 -0.08 0.00	29.57 -0.09 0.00	30.62 -0.09 0.00	32.59 -0.10 0.00	34.54 -0.14 0.00	34.95 -0.10 -0.09	37.98 -0.11 -0.30	37.93 -0.11 -0.31	39.62 -0.12 -0.59	39.46 -0.12 -0.05	40.63 -0.08 -0.11	37.59 -0.07 -0.22	36.28 -0.11 0.00	35.69 -0.14 0.00	32.97 -0.07 0.00	30.09 -0.06 0.00	27.85 -0.08 0.00
INDECK___OLEAN 23982	25.77 0.33 0.00	23.71 0.23 0.00	22.31 -0.04 0.00	21.68 -0.33 0.00	21.94 -0.22 0.00	23.79 0.37 0.00	26.83 -0.03 0.00	28.42 0.20 0.00	29.63 -0.03 0.00	30.77 0.06 0.00	33.38 0.69 0.00	35.79 1.11 0.00	35.24 0.28 0.00	38.66 0.87 0.00	38.22 0.49 0.00	39.31 0.16 0.00	39.48 -0.04 0.00	40.37 -0.24 0.00	37.45 0.00 0.00	36.28 -0.11 0.00	35.26 -0.57 0.00	32.15 -0.89 0.00	29.82 -0.33 0.00	27.70 -0.22 0.00
INDECK___OSWEGO 23783	25.06 -0.33 0.05	23.17 -0.31 0.00	21.95 -0.40 0.00	21.59 -0.42 0.00	21.74 -0.42 0.00	23.11 -0.31 0.00	26.48 -0.38 0.00	27.77 -0.45 0.00	30.24 -0.56 -1.15	31.78 -0.52 -1.60	34.80 -0.49 -2.60	36.15 -0.45 -1.92	37.13 -0.59 -2.76	40.18 -0.53 -2.92	39.75 -0.61 -2.62	40.97 -0.63 -2.44	41.34 -0.67 -2.49	41.45 -0.65 -1.49	38.17 -0.64 -1.36	35.84 -0.65 -0.10	35.51 -0.68 -0.36	32.83 -0.70 -0.49	29.57 -0.57 0.00	27.37 -0.56 0.00
INDECK___YERKES 23781	25.57 0.13 0.00	23.47 0.00 0.00	22.17 -0.18 0.00	21.57 -0.44 0.00	21.74 -0.42 0.00	23.58 0.17 0.00	26.38 -0.48 0.00	27.91 -0.31 0.00	29.16 -0.50 0.00	30.34 -0.37 0.00	33.05 0.36 0.00	35.58 0.90 0.00	34.93 -0.03 0.00	38.39 0.60 0.00	37.85 0.11 0.00	38.69 -0.47 0.00	38.81 -0.71 0.00	39.75 -0.85 0.00	36.66 -0.79 0.00	35.55 -0.84 0.00	34.65 -1.18 0.00	31.45 -1.59 0.00	29.39 -0.75 0.00	27.51 -0.42 0.00
INDIAN POINT_GT_1 24139	27.22 1.78 0.00	24.95 1.48 0.00	23.56 1.21 0.00	23.17 1.17 0.00	23.38 1.22 0.00	24.80 1.38 0.00	28.71 1.85 0.00	30.25 2.03 0.00	31.97 2.31 0.00	33.04 2.33 0.00	35.17 2.48 0.00	37.21 2.53 0.00	37.76 2.80 0.00	40.77 2.99 0.00	40.68 2.94 0.00	42.64 3.48 0.00	43.08 3.56 0.00	44.14 3.53 0.00	40.67 3.22 0.00	39.37 2.98 0.00	38.73 2.90 0.00	35.78 2.74 0.00	32.59 2.44 0.00	30.16 2.23 0.00
INDIAN POINT_GT_2 23659	27.22 1.78 0.00	24.95 1.48 0.00	23.56 1.21 0.00	23.17 1.17 0.00	23.38 1.22 0.00	24.80 1.38 0.00	28.71 1.85 0.00	30.25 2.03 0.00	31.97 2.31 0.00	33.04 2.33 0.00	35.17 2.48 0.00	37.21 2.53 0.00	37.76 2.80 0.00	40.77 2.99 0.00	40.68 2.94 0.00	42.64 3.48 0.00	43.08 3.56 0.00	44.14 3.53 0.00	40.67 3.22 0.00	39.37 2.98 0.00	38.73 2.90 0.00	35.78 2.74 0.00	32.59 2.44 0.00	30.16 2.23 0.00
INDIAN POINT_GT_3 24019	27.22 1.78 0.00	24.95 1.48 0.00	23.56 1.21 0.00	23.17 1.17 0.00	23.38 1.22 0.00	24.80 1.38 0.00	28.71 1.85 0.00	30.25 2.03 0.00	31.97 2.31 0.00	33.04 2.33 0.00	35.17 2.48 0.00	37.21 2.53 0.00	37.76 2.80 0.00	40.77 2.99 0.00	40.68 2.94 0.00	42.64 3.48 0.00	43.08 3.56 0.00	44.14 3.53 0.00	40.67 3.22 0.00	39.37 2.98 0.00	38.73 2.90 0.00	35.78 2.74 0.00	32.59 2.44 0.00	30.16 2.23 0.00
INDIAN POINT___2 23530	27.14 1.70 0.00	24.95 1.48 0.00	23.53 1.18 0.00	23.15 1.14 0.00	23.34 1.17 0.00	24.89 1.48 0.00	28.66 1.80 0.00	30.22 2.00 0.00	31.91 2.25 0.00	32.98 2.27 0.00	35.11 2.42 0.00	37.15 2.46 0.00	37.69 2.73 0.00	40.70 2.91 0.00	40.64 2.91 0.00	42.60 3.45 0.00	43.00 3.48 0.00	44.06 3.45 0.00	40.67 3.22 0.00	39.45 3.06 0.00	38.70 2.87 0.00	35.71 2.67 0.00	32.56 2.41 0.00	30.13 2.21 0.00
INDIAN POINT___3 23531	27.17 1.73 0.00	24.93 1.46 0.00	23.53 1.18 0.00	23.15 1.14 0.00	23.34 1.17 0.00	24.77 1.36 0.00	28.66 1.80 0.00	30.22 2.00 0.00	31.91 2.25 0.00	32.98 2.27 0.00	35.11 2.42 0.00	37.14 2.46 0.00	37.69 2.73 0.00	40.70 2.91 0.00	40.60 2.87 0.00	42.52 3.37 0.00	43.00 3.48 0.00	44.02 3.41 0.00	40.59 3.15 0.00	39.26 2.87 0.00	38.66 2.83 0.00	35.71 2.68 0.00	32.53 2.38 0.00	30.14 2.21 0.00
INGHAM_C_115KV_TB7 356103	24.89 -0.64 -0.09	22.91 -0.56 0.00	21.72 -0.63 0.00	21.39 -0.62 0.00	21.54 -0.62 0.00	22.78 -0.63 0.00	26.21 -0.64 0.00	27.54 -0.68 0.00	28.95 -0.71 0.00	29.94 -0.77 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	34.11 -0.94 -0.09	37.07 -1.02 -0.30	37.03 -1.02 -0.31	38.65 -1.10 -0.59	38.47 -1.11 -0.05	39.62 -1.10 -0.11	36.66 -1.01 -0.22	35.34 -1.06 0.00	34.79 -1.04 0.00	32.24 -0.79 0.00	29.39 -0.75 0.00	27.23 -0.70 0.00
IP CORINTH___1 23988	27.22 1.78 0.00	25.16 1.69 0.00	23.69 1.34 0.00	23.37 1.36 0.00	23.49 1.33 0.00	24.96 1.55 0.00	28.93 2.07 0.00	30.45 2.23 0.00	32.00 2.34 0.00	33.32 2.61 0.00	35.34 2.65 0.00	37.39 2.71 0.00	37.62 2.66 0.00	40.74 2.95 0.00	40.83 3.09 0.00	42.44 3.29 0.00	42.88 3.36 0.00	44.35 3.74 0.00	40.82 3.37 0.00	39.63 3.24 0.00	39.16 3.33 0.00	36.14 3.11 0.00	32.83 2.68 0.00	30.28 2.35 0.00

IP___TICONDEROGA 23804	28.49 3.05 0.00	26.36 2.89 0.00	24.74 2.39 0.00	24.43 2.42 0.00	24.51 2.35 0.00	26.16 2.74 0.00	30.43 3.57 0.00	32.03 3.81 0.00	33.60 3.94 0.00	35.07 4.36 0.00	37.13 4.45 0.00	39.09 4.40 0.00	39.23 4.27 0.00	42.44 4.65 0.00	42.64 4.91 0.00	44.25 5.09 0.00	44.66 5.14 0.00	46.46 5.85 0.00	42.76 5.32 0.00	41.59 5.20 0.00	41.24 5.41 0.00	37.99 4.96 0.00	34.46 4.31 0.00	31.67 3.74 0.00
ISLIP_RES_REC 323679	33.40 2.62 -5.34	28.23 2.35 -2.42	28.92 2.01 -4.56	26.87 1.96 -2.91	27.70 2.02 -3.52	31.85 2.36 -6.07	34.12 2.79 -4.46	34.20 3.10 -2.87	36.09 3.59 -2.84	36.00 3.62 -1.67	38.47 3.99 -1.80	41.66 4.19 -2.79	42.09 4.48 -2.65	42.73 4.91 -0.03	42.54 4.79 -0.01	44.65 5.48 -0.01	47.63 5.53 -2.57	47.61 5.52 -1.48	42.55 5.09 -0.01	41.34 4.95 0.00	40.31 4.48 0.00	37.27 4.23 0.00	34.78 3.74 -0.90	34.49 3.41 -3.15
JAMAICA__27_KV_LOAD 355505	27.63 2.19 0.00	25.25 1.78 0.00	23.80 1.45 0.00	23.42 1.41 0.00	23.56 1.40 0.00	25.10 1.69 0.00	29.12 2.26 0.00	30.79 2.57 0.00	32.63 2.97 0.00	33.59 2.89 0.00	35.79 3.11 0.00	37.87 3.19 0.00	38.50 3.53 0.00	41.53 3.74 0.00	41.47 3.74 0.00	43.62 4.46 0.00	44.15 4.62 0.00	45.08 4.47 0.00	41.49 4.04 0.00	40.14 3.75 0.00	39.56 3.73 0.00	36.41 3.37 0.00	33.28 3.14 0.00	30.81 2.88 0.00
JANIS___SOLAR 323808	26.68 1.25 0.00	24.57 1.10 0.00	23.20 0.85 0.00	22.78 0.77 0.00	22.92 0.75 0.00	24.56 1.15 0.00	28.23 1.37 0.00	29.80 1.58 0.00	31.28 1.39 -0.22	32.43 1.41 -0.31	34.73 1.54 -0.51	36.93 1.87 -0.37	37.22 1.71 -0.55	40.39 2.00 -0.60	40.20 1.92 -0.54	41.53 1.84 -0.53	41.95 1.94 -0.49	43.14 2.23 -0.30	39.79 2.06 -0.29	38.37 1.96 -0.02	37.69 1.79 -0.07	34.58 1.45 -0.10	31.56 1.42 0.00	29.07 1.15 0.00
JARVIS____ 23743	25.71 0.18 -0.09	23.64 0.17 0.00	22.44 0.09 0.00	22.10 0.09 0.00	22.25 0.09 0.00	23.58 0.17 0.00	27.05 0.19 0.00	28.42 0.20 0.00	29.87 0.21 0.00	30.92 0.22 0.00	32.92 0.23 0.00	34.93 0.24 0.00	35.33 0.28 -0.09	38.39 0.30 -0.30	38.35 0.30 -0.31	40.09 0.35 -0.59	39.93 0.35 -0.05	41.12 0.41 -0.11	38.04 0.37 -0.22	36.72 0.33 0.00	36.12 0.29 0.00	33.33 0.30 0.00	30.39 0.24 0.00	28.15 0.22 0.00
JENNISON___1 23625	26.86 1.42 0.00	24.74 1.27 0.00	23.36 1.01 0.00	22.95 0.95 0.00	23.09 0.93 0.00	24.59 1.17 0.00	28.44 1.58 0.00	30.05 1.83 0.00	31.59 1.78 -0.16	32.80 1.87 -0.22	35.07 2.03 -0.35	37.44 2.50 -0.26	37.72 2.38 -0.38	40.85 2.65 -0.42	40.68 2.57 -0.38	42.07 2.55 -0.37	42.44 2.57 -0.34	43.66 2.84 -0.21	40.31 2.66 -0.20	38.81 2.40 -0.01	38.07 2.19 -0.05	34.99 1.88 -0.07	31.87 1.72 0.00	29.38 1.45 0.00
JENNISON___2 23626	26.86 1.42 0.00	24.74 1.27 0.00	23.36 1.01 0.00	22.95 0.95 0.00	23.09 0.93 0.00	24.59 1.17 0.00	28.44 1.58 0.00	30.05 1.83 0.00	31.59 1.78 -0.16	32.80 1.87 -0.22	35.07 2.03 -0.35	37.44 2.50 -0.26	37.72 2.38 -0.38	40.85 2.65 -0.42	40.68 2.57 -0.38	42.07 2.55 -0.37	42.44 2.57 -0.34	43.66 2.84 -0.21	40.31 2.66 -0.20	38.81 2.40 -0.01	38.07 2.19 -0.05	34.99 1.88 -0.07	31.87 1.72 0.00	29.38 1.45 0.00
JERICOHO_RISE_WT_PWR 323719	22.65 -0.97 1.82	22.57 -0.89 0.01	21.75 -0.60 0.00	21.57 -0.44 0.00	21.70 -0.47 0.00	22.64 -0.77 0.00	26.08 -0.78 0.00	27.40 -0.82 0.00	28.71 -0.95 0.00	29.70 -1.01 0.00	31.38 -1.31 0.00	33.29 -1.39 0.00	31.81 -1.44 1.72	30.28 -1.55 5.96	29.98 -1.66 6.10	25.97 -1.68 11.50	36.75 -1.70 1.07	36.88 -1.67 2.07	31.39 -1.68 4.37	34.75 -1.64 0.01	34.43 -1.40 0.00	31.68 -1.36 0.00	28.76 -1.39 0.00	26.62 -1.31 0.00
KATONAH___115KV_46KV_TB4 355592	27.42 1.98 0.00	25.14 1.67 0.00	23.71 1.36 0.00	23.35 1.34 0.00	23.58 1.42 0.00	24.96 1.55 0.00	28.93 2.07 0.00	30.48 2.26 0.00	32.24 2.58 0.00	33.35 2.64 0.00	35.50 2.81 0.00	37.60 2.91 0.00	38.15 3.18 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.07 3.92 0.00	43.52 3.99 0.00	44.63 4.02 0.00	41.04 3.59 0.00	39.70 3.31 0.00	39.09 3.26 0.00	36.08 3.04 0.00	32.86 2.71 0.00	30.39 2.46 0.00
KCE_NY_1 323755	27.17 1.73 0.00	25.14 1.67 0.00	23.69 1.34 0.00	23.35 1.34 0.00	23.49 1.33 0.00	25.03 1.61 0.00	28.85 1.99 0.00	30.28 2.06 0.00	31.82 2.16 0.00	33.07 2.36 0.00	35.07 2.38 0.00	37.11 2.43 0.00	37.38 2.41 0.00	40.47 2.68 0.00	40.49 2.75 0.00	42.17 3.02 0.00	42.57 3.04 0.00	43.98 3.37 0.00	40.52 3.07 0.00	39.41 3.02 0.00	38.80 2.97 0.00	35.84 2.81 0.00	32.59 2.44 0.00	30.16 2.24 0.00
KCE_NY_6_ESR 323823	25.67 0.23 0.00	23.59 0.12 0.00	22.26 -0.09 0.00	21.66 -0.35 0.00	21.85 -0.31 0.00	23.70 0.28 0.00	26.59 -0.27 0.00	28.13 -0.08 0.00	29.36 -0.30 0.00	30.56 -0.15 0.00	33.24 0.56 0.00	35.79 1.11 0.00	35.18 0.21 0.00	38.66 0.87 0.00	38.15 0.42 0.00	39.04 -0.12 0.00	39.21 -0.32 0.00	40.12 -0.49 0.00	37.04 -0.41 0.00	35.88 -0.51 0.00	34.94 -0.89 0.00	31.75 -1.29 0.00	29.63 -0.51 0.00	27.68 -0.25 0.00
KEDC_PORT_JEFF_GT2 24210	33.22 2.44 -5.34	28.07 2.18 -2.42	28.76 1.85 -4.56	26.72 1.81 -2.91	27.55 1.86 -3.52	31.66 2.18 -6.07	33.93 2.60 -4.46	33.97 2.88 -2.87	35.82 3.32 -2.84	35.70 3.32 -1.67	38.08 3.60 -1.80	41.25 3.78 -2.78	41.68 4.05 -2.66	42.24 4.42 -0.03	41.86 4.11 -0.01	43.94 4.78 -0.01	46.92 4.82 -2.58	46.92 4.83 -1.48	42.03 4.57 -0.01	40.94 4.55 0.00	39.95 4.12 0.00	36.93 3.90 0.00	34.51 3.47 -0.90	34.23 3.16 -3.15
KEDC_PORT_JEFF_GT3 24211	33.22 2.44 -5.34	28.07 2.18 -2.42	28.76 1.85 -4.56	26.72 1.81 -2.91	27.55 1.86 -3.52	31.66 2.18 -6.07	33.93 2.60 -4.46	33.97 2.88 -2.87	35.82 3.32 -2.84	35.70 3.32 -1.67	38.08 3.60 -1.80	41.25 3.78 -2.78	41.68 4.05 -2.66	42.24 4.42 -0.03	41.86 4.11 -0.01	43.94 4.78 -0.01	46.92 4.82 -2.58	46.92 4.83 -1.48	42.03 4.57 -0.01	40.94 4.55 0.00	39.95 4.12 0.00	36.93 3.90 0.00	34.51 3.47 -0.90	34.23 3.16 -3.15
KEDC_GLWD_GT4 24219	33.17 2.39 -5.34	28.00 2.11 -2.42	28.67 1.77 -4.56	26.63 1.72 -2.91	27.42 1.73 -3.52	31.59 2.11 -6.07	33.85 2.52 -4.46	33.89 2.79 -2.87	35.68 3.18 -2.84	35.60 3.22 -1.67	38.05 3.56 -1.80	41.21 3.75 -2.78	41.59 3.98 -2.64	41.91 4.00 -0.12	41.70 3.96 0.00	43.69 4.54 0.00	46.67 4.58 -2.56	46.64 4.55 -1.48	41.64 4.19 0.00	40.36 3.97 0.00	39.77 3.94 0.00	36.77 3.73 0.00	34.36 3.32 -0.90	34.10 3.02 -3.15
KEDC_GLWD_GT5 24220	33.17 2.39 -5.34	28.00 2.11 -2.42	28.67 1.77 -4.56	26.63 1.72 -2.91	27.42 1.73 -3.52	31.59 2.11 -6.07	33.85 2.52 -4.46	33.89 2.79 -2.87	35.68 3.18 -2.84	35.60 3.22 -1.67	38.05 3.56 -1.80	41.21 3.75 -2.78	41.59 3.98 -2.64	41.91 4.00 -0.12	41.70 3.96 0.00	43.69 4.54 0.00	46.67 4.58 -2.56	46.64 4.55 -1.48	41.64 4.19 0.00	40.36 3.97 0.00	39.77 3.94 0.00	36.77 3.73 0.00	34.36 3.32 -0.90	34.10 3.02 -3.15

KENSICO____ 23655	27.29 1.86 0.00	25.02 1.55 0.00	23.62 1.27 0.00	23.24 1.23 0.00	23.43 1.26 0.00	24.87 1.45 0.00	28.79 1.93 0.00	30.36 2.14 0.00	32.09 2.43 0.00	33.16 2.46 0.00	35.30 2.62 0.00	37.35 2.67 0.00	37.90 2.94 0.00	40.93 3.14 0.00	40.83 3.09 0.00	42.80 3.64 0.00	43.24 3.72 0.00	44.26 3.65 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.88 3.05 0.00	35.88 2.84 0.00	32.71 2.56 0.00	30.28 2.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.29 1.86 0.00	25.02 1.55 0.00	23.65 1.30 0.00	23.28 1.28 0.00	23.47 1.31 0.00	24.89 1.48 0.00	28.74 1.88 0.00	30.17 1.95 0.00	31.91 2.25 0.00	33.01 2.30 0.00	35.11 2.42 0.00	37.18 2.50 0.00	37.80 2.83 0.00	40.89 3.10 0.00	40.75 3.02 0.00	42.68 3.52 0.00	43.12 3.60 0.00	44.35 3.74 0.00	40.89 3.45 0.00	39.56 3.17 0.00	38.84 3.01 0.00	35.84 2.81 0.00	32.59 2.44 0.00	30.22 2.29 0.00
KIAC_JFK_GT1 23816	27.47 2.04 0.00	25.11 1.64 0.00	23.67 1.32 0.00	23.28 1.28 0.00	23.45 1.29 0.00	24.96 1.55 0.00	28.95 2.10 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.29 2.58 0.00	35.43 2.75 0.00	37.53 2.84 0.00	38.11 3.15 0.00	41.15 3.36 0.00	41.06 3.32 0.00	43.19 4.03 0.00	43.71 4.19 0.00	44.63 4.02 0.00	41.08 3.63 0.00	39.74 3.35 0.00	39.16 3.33 0.00	36.08 3.04 0.00	32.95 2.80 0.00	30.61 2.68 0.00
KIAC_JFK_GT2 23817	27.47 2.04 0.00	25.11 1.64 0.00	23.67 1.32 0.00	23.28 1.28 0.00	23.45 1.29 0.00	24.96 1.55 0.00	28.95 2.10 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.29 2.58 0.00	35.43 2.75 0.00	37.53 2.84 0.00	38.11 3.15 0.00	41.15 3.36 0.00	41.06 3.32 0.00	43.19 4.03 0.00	43.71 4.19 0.00	44.63 4.02 0.00	41.08 3.63 0.00	39.74 3.35 0.00	39.16 3.33 0.00	36.08 3.04 0.00	32.95 2.80 0.00	30.61 2.68 0.00
KIAC_JFK____ 323774	27.42 1.99 0.00	25.14 1.67 0.00	23.67 1.32 0.00	23.31 1.30 0.00	23.45 1.28 0.00	25.08 1.66 0.00	28.96 2.10 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.29 2.58 0.00	35.46 2.78 0.00	37.53 2.84 0.00	38.11 3.15 0.00	41.15 3.36 0.00	41.09 3.36 0.00	43.23 4.07 0.00	43.71 4.19 0.00	44.67 4.06 0.00	41.19 3.74 0.00	39.92 3.53 0.00	39.17 3.33 0.00	36.07 3.04 0.00	32.95 2.80 0.00	30.61 2.68 0.00
KINTIGH____ 23543	25.08 -0.36 0.00	23.12 -0.35 0.00	21.86 -0.49 0.00	21.30 -0.70 0.00	21.48 -0.69 0.00	22.81 -0.61 0.00	26.03 -0.83 0.00	27.49 -0.73 0.00	28.71 -0.95 0.00	29.85 -0.86 0.00	32.33 -0.36 0.00	34.79 0.10 0.00	34.27 -0.70 0.00	37.56 -0.23 0.00	37.13 -0.60 0.00	38.10 -1.06 0.00	38.26 -1.26 0.00	39.31 -1.30 0.00	36.51 -0.94 0.00	35.37 -1.02 0.00	34.40 -1.43 0.00	31.29 -1.75 0.00	29.06 -1.09 0.00	27.09 -0.84 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.06 -0.53 1.84	23.02 -0.45 0.01	22.13 -0.22 0.00	21.96 -0.04 0.00	22.10 -0.07 0.00	23.28 -0.14 0.00	26.64 -0.21 0.00	28.05 -0.17 0.00	29.39 -0.27 0.00	30.37 -0.34 0.00	32.07 -0.62 0.00	34.06 -0.62 0.00	32.49 -0.73 1.74	31.04 -0.72 6.03	30.69 -0.87 6.18	26.72 -0.78 11.65	37.73 -0.71 1.09	37.87 -0.65 2.09	32.12 -0.90 4.43	35.62 -0.76 0.01	35.22 -0.61 0.00	32.34 -0.69 0.00	29.33 -0.81 0.00	27.12 -0.81 0.00
LACHUTE__HYDRO 323717	28.46 3.03 0.00	26.38 2.91 0.00	24.74 2.39 0.00	24.43 2.42 0.00	24.51 2.35 0.00	26.25 2.83 0.00	30.48 3.62 0.00	32.03 3.81 0.00	33.60 3.95 0.00	35.07 4.36 0.00	37.13 4.44 0.00	39.09 4.41 0.00	39.23 4.26 0.00	42.44 4.65 0.00	42.60 4.87 0.00	44.28 5.13 0.00	44.66 5.14 0.00	46.50 5.89 0.00	42.76 5.32 0.00	41.66 5.27 0.00	41.24 5.41 0.00	37.99 4.95 0.00	34.46 4.31 0.00	31.67 3.74 0.00
LAWRNCALV_115KV_TB1 80681	22.92 -0.97 1.56	22.62 -0.84 0.01	21.77 -0.58 0.00	21.55 -0.46 0.00	21.68 -0.49 0.00	22.78 -0.63 0.00	26.05 -0.81 0.00	27.20 -1.02 0.00	28.63 -1.10 -0.07	29.67 -1.14 -0.10	31.48 -1.37 -0.16	33.21 -1.60 -0.12	31.96 -1.71 1.29	30.92 -1.97 4.90	30.81 -1.89 5.04	27.49 -2.00 9.67	36.71 -2.06 0.76	36.83 -2.11 1.67	31.93 -1.87 3.65	34.72 -1.67 0.00	34.31 -1.54 -0.02	31.61 -1.45 -0.03	28.82 -1.33 0.00	26.76 -1.17 0.00
LEDERLE____ 23769	27.27 1.83 0.00	25.00 1.53 0.00	23.60 1.25 0.00	23.22 1.21 0.00	23.40 1.24 0.00	24.84 1.43 0.00	28.74 1.88 0.00	30.28 2.06 0.00	32.03 2.37 0.00	33.10 2.40 0.00	35.24 2.55 0.00	37.28 2.60 0.00	37.83 2.87 0.00	40.89 3.10 0.00	40.79 3.06 0.00	42.76 3.60 0.00	43.20 3.68 0.00	44.26 3.65 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.84 3.01 0.00	35.84 2.81 0.00	32.65 2.50 0.00	30.22 2.29 0.00
LIGHTHSE_115KV_TB6 355974	25.15 -0.15 0.14	23.33 -0.14 0.00	22.10 -0.25 0.00	21.74 -0.26 0.00	21.90 -0.27 0.00	23.21 -0.21 0.00	26.73 -0.13 0.00	28.02 -0.20 0.00	29.98 -0.30 -0.62	31.32 -0.25 -0.86	33.82 -0.26 -1.40	35.47 -0.24 -1.03	35.96 -0.38 -1.38	38.66 -0.34 -1.21	38.40 -0.38 -1.05	39.43 -0.35 -0.62	40.36 -0.43 -1.27	40.96 -0.32 -0.68	37.62 -0.30 -0.47	36.15 -0.29 -0.06	35.70 -0.32 -0.19	32.97 -0.33 -0.27	29.91 -0.24 0.00	27.62 -0.31 0.00
LINDEN COGEN____ 23786	27.27 1.83 0.00	25.04 1.57 0.00	23.60 1.25 0.00	23.24 1.23 0.00	23.38 1.22 0.00	24.99 1.57 0.00	28.82 1.96 0.00	30.48 2.26 0.00	32.24 2.58 0.00	33.29 2.58 0.00	35.43 2.75 0.00	37.49 2.81 0.00	38.08 3.11 0.00	41.04 3.25 0.00	40.98 3.25 0.00	42.95 3.80 0.00	43.40 3.88 0.00	44.34 3.73 0.00	41.01 3.56 0.00	39.77 3.38 0.00	39.09 3.26 0.00	36.04 3.01 0.00	32.92 2.77 0.00	30.41 2.48 0.00
LINDHRST_69_KV_BK1 356055	33.49 2.72 -5.33	28.23 2.35 -2.41	28.91 2.01 -4.55	26.87 1.96 -2.90	27.67 1.99 -3.52	31.70 2.22 -6.06	34.11 2.79 -4.46	34.16 3.08 -2.87	35.96 3.47 -2.83	35.87 3.50 -1.66	38.20 3.73 -1.79	41.34 3.88 -2.78	41.73 4.13 -2.64	42.31 4.50 -0.02	42.08 4.34 0.00	44.13 4.97 0.00	47.22 5.14 -2.55	47.16 5.08 -1.47	42.09 4.64 0.00	40.57 4.18 0.00	39.74 3.91 0.00	36.97 3.93 0.00	34.66 3.62 -0.89	34.40 3.32 -3.14
LIPA_MISC_IPP 23656	33.11 2.34 -5.33	27.90 2.02 -2.41	28.64 1.74 -4.55	26.58 1.67 -2.90	27.45 1.77 -3.52	31.39 1.92 -6.06	33.73 2.42 -4.46	33.79 2.71 -2.87	35.64 3.14 -2.83	35.50 3.13 -1.66	37.91 3.43 -1.79	41.03 3.57 -2.77	41.42 3.81 -2.64	41.97 4.16 -0.02	41.78 4.04 -0.01	43.82 4.66 -0.01	46.91 4.82 -2.56	46.87 4.79 -1.47	41.84 4.38 -0.01	40.25 3.86 0.00	39.31 3.48 0.00	36.67 3.63 0.00	34.33 3.29 -0.89	34.09 3.02 -3.14
LISF__SOLAR 323691	33.12 2.34 -5.34	27.97 2.09 -2.42	28.69 1.79 -4.56	26.65 1.74 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.79 2.47 -4.46	33.86 2.77 -2.87	35.74 3.23 -2.84	35.60 3.22 -1.67	38.02 3.53 -1.80	41.14 3.67 -2.78	41.57 3.95 -2.65	42.16 4.34 -0.03	42.05 4.30 -0.01	44.18 5.01 -0.01	47.16 5.06 -2.57	47.17 5.08 -1.48	42.14 4.68 -0.01	40.90 4.51 0.00	39.92 4.08 0.00	36.90 3.86 0.00	34.45 3.41 -0.90	34.18 3.10 -3.15

LITTLE FALLS___HYD 24013	24.89 -0.64 -0.09	22.91 -0.56 0.00	21.72 -0.63 0.00	21.39 -0.62 0.00	21.54 -0.62 0.00	22.78 -0.63 0.00	26.21 -0.64 0.00	27.54 -0.68 0.00	28.95 -0.71 0.00	29.94 -0.77 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	34.11 -0.94 -0.09	37.07 -1.02 -0.30	37.03 -1.02 -0.31	38.65 -1.10 -0.59	38.47 -1.11 -0.05	39.62 -1.10 -0.11	36.66 -1.01 -0.22	35.34 -1.06 0.00	34.79 -1.04 0.00	32.24 -0.79 0.00	29.39 -0.75 0.00	27.23 -0.70 0.00
LITTLRIV_115KV_TB1 356100	23.15 -0.76 1.52	22.83 -0.63 0.01	21.97 -0.38 0.00	21.74 -0.26 0.00	21.87 -0.29 0.00	23.02 -0.40 0.00	26.30 -0.56 0.00	27.49 -0.73 0.00	28.88 -0.86 -0.08	29.89 -0.92 -0.11	31.69 -1.18 -0.18	33.46 -1.35 -0.13	32.29 -1.43 1.25	31.31 -1.70 4.78	31.20 -1.62 4.91	27.95 -1.76 9.44	37.02 -1.78 0.73	37.20 -1.79 1.62	32.35 -1.54 3.56	35.12 -1.27 0.00	34.71 -1.15 -0.02	31.98 -1.09 -0.03	29.06 -1.09 0.00	26.98 -0.95 0.00
LI_NEWBRDGE___DRP 323616	32.93 2.16 -5.33	27.71 1.83 -2.41	28.44 1.54 -4.55	26.40 1.50 -2.90	27.21 1.53 -3.52	31.21 1.73 -6.06	33.57 2.26 -4.46	33.57 2.48 -2.87	35.31 2.82 -2.83	35.20 2.83 -1.66	37.45 2.97 -1.79	40.54 3.09 -2.77	40.96 3.36 -2.63	41.38 3.59 0.00	41.21 3.47 0.00	43.19 4.03 0.00	46.27 4.19 -2.55	46.18 4.10 -1.47	41.19 3.74 0.00	39.77 3.38 0.00	39.02 3.19 0.00	36.24 3.20 0.00	33.96 2.92 -0.89	33.75 2.68 -3.14
LOCKPORT_115KV_TB60_63_64 80432	25.29 -0.15 0.00	23.28 -0.19 0.00	21.99 -0.36 0.00	21.41 -0.59 0.00	21.59 -0.58 0.00	22.95 -0.47 0.00	26.16 -0.70 0.00	27.65 -0.56 0.00	28.86 -0.80 0.00	30.03 -0.68 0.00	32.66 -0.03 0.00	35.24 0.55 0.00	34.55 -0.42 0.00	38.02 0.23 0.00	37.47 -0.26 0.00	38.29 -0.86 0.00	38.46 -1.07 0.00	39.47 -1.14 0.00	36.70 -0.75 0.00	35.48 -0.91 0.00	34.47 -1.36 0.00	31.25 -1.78 0.00	29.18 -0.96 0.00	27.29 -0.64 0.00
LOCKPORT___CC1 323769	25.36 -0.08 0.00	23.28 -0.19 0.00	21.99 -0.36 0.00	21.39 -0.62 0.00	21.57 -0.60 0.00	23.37 -0.05 0.00	26.14 -0.72 0.00	27.63 -0.59 0.00	28.83 -0.83 0.00	30.00 -0.71 0.00	32.66 -0.03 0.00	35.17 0.49 0.00	34.51 -0.46 0.00	37.90 0.11 0.00	37.39 -0.34 0.00	38.21 -0.94 0.00	38.38 -1.15 0.00	39.35 -1.26 0.00	36.28 -1.16 0.00	35.22 -1.17 0.00	34.36 -1.47 0.00	31.19 -1.85 0.00	29.12 -1.03 0.00	27.26 -0.67 0.00
LOCKPORT___CC2 323770	25.36 -0.08 0.00	23.28 -0.19 0.00	21.99 -0.36 0.00	21.39 -0.62 0.00	21.57 -0.60 0.00	23.37 -0.05 0.00	26.14 -0.72 0.00	27.63 -0.59 0.00	28.83 -0.83 0.00	30.00 -0.71 0.00	32.66 -0.03 0.00	35.17 0.49 0.00	34.51 -0.46 0.00	37.90 0.11 0.00	37.39 -0.34 0.00	38.21 -0.94 0.00	38.38 -1.15 0.00	39.35 -1.26 0.00	36.28 -1.16 0.00	35.22 -1.17 0.00	34.36 -1.47 0.00	31.19 -1.85 0.00	29.12 -1.03 0.00	27.26 -0.67 0.00
LOCKPORT___CC3 323771	25.36 -0.08 0.00	23.28 -0.19 0.00	21.99 -0.36 0.00	21.39 -0.62 0.00	21.57 -0.60 0.00	23.37 -0.05 0.00	26.14 -0.72 0.00	27.63 -0.59 0.00	28.83 -0.83 0.00	30.00 -0.71 0.00	32.66 -0.03 0.00	35.17 0.49 0.00	34.51 -0.46 0.00	37.90 0.11 0.00	37.39 -0.34 0.00	38.21 -0.94 0.00	38.38 -1.15 0.00	39.35 -1.26 0.00	36.28 -1.16 0.00	35.22 -1.17 0.00	34.36 -1.47 0.00	31.19 -1.85 0.00	29.12 -1.03 0.00	27.26 -0.67 0.00
LONG_LAKE_PHOENIX 24014	25.23 -0.20 0.00	23.26 -0.21 0.00	22.06 -0.29 0.00	21.68 -0.33 0.00	21.83 -0.33 0.00	23.14 -0.28 0.00	26.62 -0.24 0.00	27.94 -0.28 0.00	30.14 -0.39 -0.87	31.58 -0.34 -1.21	34.39 -0.26 -1.96	35.92 -0.21 -1.45	36.70 -0.38 -2.12	39.85 -0.26 -2.33	39.50 -0.34 -2.10	40.84 -0.39 -2.08	40.99 -0.43 -1.90	41.33 -0.45 -1.17	38.15 -0.41 -1.12	36.00 -0.47 -0.08	35.60 -0.50 -0.27	32.85 -0.56 -0.37	29.73 -0.42 0.00	27.48 -0.45 0.00
LOVETT___3 23632	27.14 1.70 0.00	24.90 1.43 0.00	23.51 1.16 0.00	23.11 1.10 0.00	23.32 1.15 0.00	24.75 1.33 0.00	28.61 1.75 0.00	30.17 1.95 0.00	31.88 2.22 0.00	32.95 2.24 0.00	35.04 2.35 0.00	37.11 2.43 0.00	37.62 2.66 0.00	40.66 2.87 0.00	40.57 2.83 0.00	42.52 3.37 0.00	42.96 3.44 0.00	43.98 3.37 0.00	40.55 3.11 0.00	39.26 2.87 0.00	38.63 2.79 0.00	35.68 2.64 0.00	32.50 2.35 0.00	30.08 2.15 0.00
LOVETT___4 23642	27.14 1.70 0.00	24.90 1.43 0.00	23.51 1.16 0.00	23.11 1.10 0.00	23.32 1.15 0.00	24.75 1.33 0.00	28.61 1.75 0.00	30.17 1.95 0.00	31.88 2.22 0.00	32.95 2.24 0.00	35.04 2.35 0.00	37.11 2.43 0.00	37.62 2.66 0.00	40.66 2.87 0.00	40.57 2.83 0.00	42.52 3.37 0.00	42.96 3.44 0.00	43.98 3.37 0.00	40.55 3.11 0.00	39.26 2.87 0.00	38.63 2.79 0.00	35.68 2.64 0.00	32.50 2.35 0.00	30.08 2.15 0.00
LOVETT___5 23593	27.14 1.70 0.00	24.90 1.43 0.00	23.51 1.16 0.00	23.11 1.10 0.00	23.32 1.15 0.00	24.75 1.33 0.00	28.61 1.75 0.00	30.17 1.95 0.00	31.88 2.22 0.00	32.95 2.24 0.00	35.04 2.35 0.00	37.11 2.43 0.00	37.62 2.66 0.00	40.66 2.87 0.00	40.57 2.83 0.00	42.52 3.37 0.00	42.96 3.44 0.00	43.98 3.37 0.00	40.55 3.11 0.00	39.26 2.87 0.00	38.63 2.79 0.00	35.68 2.64 0.00	32.50 2.35 0.00	30.08 2.15 0.00
LOWER RAQUET___HYD 24057	22.91 -1.04 1.49	22.53 -0.94 0.01	21.70 -0.65 0.00	21.48 -0.53 0.00	21.61 -0.55 0.00	22.53 -0.89 0.00	25.97 -0.89 0.00	27.12 -1.10 0.00	28.52 -1.22 -0.08	29.56 -1.26 -0.11	31.34 -1.54 -0.19	33.05 -1.77 -0.14	31.84 -1.92 1.20	30.94 -2.19 4.66	30.83 -2.11 4.79	27.74 -2.19 9.22	36.57 -2.25 0.70	36.72 -2.31 1.58	31.95 -2.02 3.47	34.46 -1.93 0.00	34.17 -1.68 -0.03	31.49 -1.59 -0.04	28.67 -1.48 0.00	26.64 -1.28 0.00
LOWER___HUDSON 24059	26.61 1.17 0.00	24.60 1.13 0.00	23.25 0.89 0.00	22.91 0.90 0.00	23.07 0.91 0.00	24.52 1.10 0.00	28.15 1.29 0.00	29.55 1.33 0.00	31.08 1.42 0.00	32.18 1.47 0.00	34.12 1.44 0.00	36.10 1.42 0.00	36.43 1.47 0.00	39.45 1.66 0.00	39.39 1.66 0.00	41.07 1.92 0.00	41.50 1.98 0.00	42.72 2.11 0.00	39.39 1.95 0.00	38.28 1.89 0.00	37.62 1.79 0.00	34.85 1.82 0.00	31.71 1.57 0.00	29.44 1.51 0.00
LOWVILLE_115KV_TB2 356335	24.82 -0.25 0.36	23.26 -0.21 0.00	22.08 -0.27 0.00	21.79 -0.22 0.00	21.90 -0.27 0.00	23.23 -0.19 0.00	26.78 -0.08 0.00	28.19 -0.03 0.00	29.67 -0.18 -0.19	30.78 -0.18 -0.26	32.81 -0.29 -0.42	34.68 -0.31 -0.31	34.69 -0.38 -0.11	36.67 -0.42 0.70	36.62 -0.34 0.78	37.33 0.04 1.87	39.79 0.08 -0.19	40.85 0.41 0.16	37.22 0.41 0.64	36.88 0.47 -0.02	36.28 0.39 -0.06	33.45 0.33 -0.08	30.36 0.21 0.00	28.01 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.17 1.73 0.00	25.09 1.62 0.00	23.67 1.32 0.00	23.35 1.34 0.00	23.47 1.31 0.00	24.91 1.50 0.00	28.79 1.93 0.00	30.28 2.06 0.00	31.82 2.17 0.00	33.04 2.33 0.00	35.04 2.35 0.00	37.08 2.39 0.00	37.38 2.41 0.00	40.43 2.65 0.00	40.49 2.75 0.00	42.13 2.98 0.00	42.57 3.04 0.00	43.90 3.29 0.00	40.48 3.03 0.00	39.26 2.87 0.00	38.77 2.94 0.00	35.81 2.78 0.00	32.59 2.44 0.00	30.14 2.21 0.00

LUTHERNY_35_KV_BK2 355980	27.19 1.76 0.00	25.11 1.64 0.00	23.69 1.34 0.00	23.35 1.34 0.00	23.49 1.33 0.00	24.94 1.52 0.00	28.82 1.96 0.00	30.28 2.06 0.00	31.82 2.17 0.00	33.07 2.36 0.00	35.07 2.39 0.00	37.11 2.43 0.00	37.38 2.41 0.00	40.47 2.68 0.00	40.53 2.79 0.00	42.17 3.01 0.00	42.57 3.04 0.00	43.94 3.33 0.00	40.48 3.03 0.00	39.30 2.91 0.00	38.81 2.97 0.00	35.84 2.81 0.00	32.59 2.44 0.00	30.16 2.23 0.00
LWR___OSWEGATCHIE_HYD 23850	23.71 -0.74 0.99	22.81 -0.66 0.00	21.81 -0.54 0.00	21.55 -0.46 0.00	21.65 -0.51 0.00	22.88 -0.54 0.00	26.30 -0.56 0.00	27.54 -0.68 0.00	29.02 -0.80 -0.16	30.10 -0.83 -0.22	32.04 -1.01 -0.36	33.77 -1.18 -0.27	33.13 -1.29 0.54	33.51 -1.47 2.81	33.42 -1.40 2.92	31.96 -1.33 5.87	37.99 -1.30 0.23	38.57 -1.14 0.91	34.30 -0.97 2.17	35.53 -0.87 -0.01	35.06 -0.82 -0.05	32.31 -0.79 -0.07	29.36 -0.78 0.00	27.18 -0.75 0.00
LYONS_FALL_HYD 23570	25.36 0.13 0.21	23.59 0.12 0.00	22.39 0.04 0.00	22.07 0.07 0.00	22.18 0.02 0.00	23.56 0.14 0.00	27.13 0.27 0.00	28.56 0.34 0.00	30.06 0.27 -0.14	31.20 0.31 -0.19	33.22 0.23 -0.31	35.22 0.31 -0.23	35.35 0.25 -0.14	37.75 0.27 0.31	37.67 0.30 0.36	38.69 0.51 0.98	40.29 0.59 -0.17	41.41 0.85 0.05	37.91 0.79 0.32	37.20 0.80 -0.01	36.59 0.72 -0.04	33.72 0.63 -0.06	30.63 0.48 0.00	28.27 0.34 0.00
MADISON___COUNTY_LFGE 323628	26.20 0.76 0.00	24.15 0.68 0.00	22.89 0.54 0.00	22.51 0.51 0.00	22.65 0.49 0.00	24.05 0.63 0.00	27.72 0.86 0.00	29.21 0.99 0.00	30.75 0.95 -0.14	31.92 1.01 -0.20	34.09 1.08 -0.32	36.24 1.32 -0.24	36.57 1.26 -0.35	39.57 1.40 -0.38	39.44 1.36 -0.35	40.83 1.33 -0.34	41.22 1.38 -0.31	42.43 1.62 -0.19	39.09 1.46 -0.18	37.75 1.35 -0.01	37.13 1.25 -0.04	34.19 1.09 -0.06	31.11 0.96 0.00	28.71 0.78 0.00
MALONE___115KV_TB1 356076	22.84 -0.86 1.74	22.71 -0.75 0.01	21.86 -0.49 0.00	21.66 -0.35 0.00	21.81 -0.35 0.00	22.95 -0.47 0.00	26.24 -0.62 0.00	27.57 -0.65 0.00	28.89 -0.77 0.00	29.88 -0.83 0.00	31.58 -1.11 0.00	33.47 -1.21 0.00	32.03 -1.29 1.64	30.71 -1.40 5.69	30.44 -1.47 5.82	26.69 -1.49 10.98	37.04 -1.46 1.03	37.22 -1.42 1.97	31.78 -1.50 4.17	35.04 -1.35 0.01	34.69 -1.15 0.00	31.88 -1.16 0.00	28.94 -1.21 0.00	26.78 -1.15 0.00
MAPLEWOD_115KV_TB3 80458	26.38 0.94 0.00	24.36 0.89 0.00	23.07 0.72 0.00	22.76 0.75 0.00	22.89 0.73 0.00	24.24 0.82 0.00	27.91 1.05 0.00	29.32 1.10 0.00	30.85 1.19 0.00	31.94 1.23 0.00	33.90 1.21 0.00	35.86 1.18 0.00	36.22 1.26 0.00	39.19 1.40 0.00	39.17 1.43 0.00	40.80 1.64 0.00	41.22 1.70 0.00	42.44 1.83 0.00	39.13 1.69 0.00	37.95 1.56 0.00	37.41 1.58 0.00	34.59 1.55 0.00	31.50 1.36 0.00	29.21 1.28 0.00
MAPLE_RIDGE_WT_1 323574	21.16 -1.37 2.90	22.19 -1.27 0.01	21.26 -1.09 0.00	21.00 -1.01 0.00	21.14 -1.02 0.00	22.17 -1.24 0.00	25.49 -1.37 0.00	26.81 -1.41 0.00	28.21 -1.45 0.00	29.20 -1.50 0.00	31.05 -1.63 0.00	32.88 -1.80 0.00	30.45 -1.78 2.74	26.28 -2.00 9.50	26.09 -1.92 9.73	18.81 -2.00 18.35	35.84 -1.98 1.71	35.37 -1.95 3.30	28.68 -1.80 6.97	34.63 -1.75 0.01	34.22 -1.61 0.00	31.55 -1.49 0.00	28.85 -1.30 0.00	26.81 -1.12 0.00
MAPLE_RIDGE_WT_2 323611	21.16 -1.37 2.90	22.19 -1.27 0.01	21.26 -1.09 0.00	21.00 -1.01 0.00	21.14 -1.02 0.00	22.17 -1.24 0.00	25.49 -1.37 0.00	26.81 -1.41 0.00	28.21 -1.45 0.00	29.20 -1.50 0.00	31.05 -1.63 0.00	32.88 -1.80 0.00	30.45 -1.78 2.74	26.28 -2.00 9.50	26.09 -1.92 9.73	18.81 -2.00 18.35	35.84 -1.98 1.71	35.37 -1.95 3.30	28.68 -1.80 6.97	34.63 -1.75 0.01	34.22 -1.61 0.00	31.55 -1.49 0.00	28.85 -1.30 0.00	26.81 -1.12 0.00
MARBLE_RIVER_WT_PWR 323696	22.75 -0.84 1.85	22.71 -0.75 0.01	21.86 -0.49 0.00	21.68 -0.33 0.00	21.81 -0.36 0.00	22.79 -0.63 0.00	26.24 -0.62 0.00	27.57 -0.65 0.00	28.92 -0.74 0.00	29.88 -0.83 0.00	31.61 -1.08 0.00	33.54 -1.14 0.00	32.03 -1.19 1.75	30.43 -1.28 6.07	30.12 -1.40 6.22	26.02 -1.41 11.73	37.05 -1.38 1.09	37.12 -1.38 2.11	31.53 -1.46 4.46	34.96 -1.42 0.01	34.65 -1.18 0.00	31.85 -1.19 0.00	28.91 -1.24 0.00	26.76 -1.17 0.00
MARSHVLE_115KV_TB1 80742	28.03 2.59 0.00	25.82 2.35 0.00	24.36 2.01 0.00	23.99 1.98 0.00	24.14 1.97 0.00	25.66 2.25 0.00	29.71 2.85 0.00	31.15 2.93 0.00	32.48 2.82 0.00	33.47 2.76 0.00	35.47 2.78 0.00	37.53 2.84 0.00	37.73 2.76 0.00	40.81 3.02 0.00	40.83 3.09 0.00	42.52 3.37 0.00	43.32 3.79 0.00	45.04 4.43 0.00	41.68 4.23 0.00	40.54 4.15 0.00	40.02 4.19 0.00	37.03 4.00 0.00	33.67 3.53 0.00	30.97 3.04 0.00
MARSH_HILL_WT_PWR 323713	25.92 0.48 0.00	23.68 0.21 0.00	22.31 -0.04 0.00	21.77 -0.24 0.00	21.85 -0.31 0.00	23.77 0.35 0.00	26.99 0.13 0.00	28.78 0.56 0.00	30.05 0.27 -0.12	31.18 0.31 -0.17	33.94 0.98 -0.27	36.24 1.35 -0.20	36.00 0.74 -0.30	39.44 1.32 -0.32	38.82 0.79 -0.29	38.66 -0.78 -0.29	39.20 -0.59 -0.26	40.04 -0.73 -0.16	36.85 -0.75 -0.16	35.53 -0.87 -0.01	34.76 -1.11 -0.04	31.54 -1.55 -0.05	29.00 -1.15 0.00	26.56 -1.37 0.00
MCINTYRE_115KV_TB2 80467	23.28 -0.59 1.57	22.99 -0.47 0.01	22.15 -0.20 0.00	21.92 -0.09 0.00	22.05 -0.11 0.00	23.18 -0.23 0.00	26.48 -0.38 0.00	27.65 -0.56 0.00	28.98 -0.68 0.00	29.97 -0.74 0.00	31.71 -0.98 0.00	33.54 -1.14 0.00	32.26 -1.22 1.49	31.20 -1.44 5.15	31.10 -1.36 5.28	27.71 -1.49 9.95	37.09 -1.50 0.93	37.32 -1.50 1.79	32.46 -1.20 3.78	35.47 -0.91 0.01	35.04 -0.79 0.00	32.28 -0.76 0.00	29.36 -0.78 0.00	27.20 -0.73 0.00
MECO_____69_KV_BK1 80468	28.82 3.38 0.00	26.57 3.10 0.00	24.97 2.61 0.00	24.63 2.62 0.00	24.73 2.57 0.00	26.41 3.00 0.00	30.75 3.89 0.00	32.51 4.29 0.00	34.02 4.36 0.00	35.28 4.58 0.00	37.40 4.71 0.00	39.68 4.99 0.00	39.72 4.76 0.00	42.97 5.18 0.00	43.09 5.36 0.00	44.91 5.76 0.00	45.53 6.01 0.00	47.55 6.94 0.00	43.66 6.22 0.00	42.32 5.93 0.00	41.74 5.91 0.00	38.45 5.42 0.00	34.94 4.79 0.00	32.03 4.11 0.00
MENANDS___115KV_TB5 355628	26.23 0.79 0.00	24.22 0.75 0.00	22.93 0.58 0.00	22.65 0.64 0.00	22.76 0.60 0.00	24.07 0.66 0.00	27.72 0.86 0.00	29.15 0.93 0.00	30.67 1.01 0.00	31.75 1.04 0.00	33.70 1.01 0.00	35.62 0.94 0.00	36.01 1.05 0.00	38.96 1.17 0.00	38.90 1.17 0.00	40.53 1.37 0.00	40.95 1.42 0.00	42.11 1.50 0.00	38.83 1.39 0.00	37.66 1.27 0.00	37.12 1.29 0.00	34.36 1.32 0.00	31.29 1.15 0.00	29.02 1.09 0.00
MG INDUSTRY___DRP 24185	26.20 0.76 0.00	24.20 0.73 0.00	22.93 0.58 0.00	22.62 0.62 0.00	22.76 0.60 0.00	24.07 0.66 0.00	27.72 0.86 0.00	29.09 0.87 0.00	30.58 0.92 0.00	31.66 0.95 0.00	33.57 0.88 0.00	35.51 0.83 0.00	35.84 0.87 0.00	38.77 0.98 0.00	38.75 1.02 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.95 1.34 0.00	38.72 1.27 0.00	37.59 1.20 0.00	37.05 1.22 0.00	34.29 1.26 0.00	31.23 1.09 0.00	28.96 1.03 0.00

MID___OSWEGATCHIE_HYD 23849	23.71 -0.74 0.99	22.81 -0.66 0.00	21.81 -0.54 0.00	21.55 -0.46 0.00	21.65 -0.51 0.00	22.88 -0.54 0.00	26.30 -0.56 0.00	27.54 -0.68 0.00	29.02 -0.80 -0.16	30.10 -0.83 -0.22	32.04 -1.01 -0.36	33.77 -1.18 -0.27	33.13 -1.29 0.54	33.51 -1.47 2.81	33.42 -1.40 2.92	31.96 -1.33 5.87	37.99 -1.30 0.23	38.57 -1.14 0.91	34.30 -0.97 2.17	35.53 -0.87 -0.01	35.06 -0.82 -0.05	32.31 -0.79 -0.07	29.36 -0.78 0.00	27.18 -0.75 0.00
MID___RAQUETTE_HYD 23851	22.91 -1.04 1.49	22.55 -0.92 0.01	21.70 -0.65 0.00	21.48 -0.53 0.00	21.61 -0.55 0.00	22.74 -0.68 0.00	25.97 -0.89 0.00	27.12 -1.10 0.00	28.53 -1.22 -0.08	29.56 -1.26 -0.11	31.37 -1.50 -0.19	33.05 -1.77 -0.14	31.84 -1.92 1.20	30.94 -2.19 4.66	30.83 -2.11 4.79	27.74 -2.19 9.22	36.57 -2.25 0.70	36.71 -2.31 1.58	31.91 -2.06 3.47	34.57 -1.82 0.00	34.17 -1.68 -0.03	31.49 -1.59 -0.04	28.67 -1.48 0.00	26.64 -1.28 0.00
MILLIKEN___1 23584	26.12 0.69 0.00	24.06 0.59 0.00	22.77 0.42 0.00	22.34 0.33 0.00	22.52 0.35 0.00	23.88 0.47 0.00	27.58 0.73 0.00	29.07 0.85 0.00	30.70 0.74 -0.30	31.92 0.80 -0.42	34.31 0.95 -0.68	36.33 1.14 -0.50	36.68 0.98 -0.73	39.84 1.25 -0.80	39.59 1.13 -0.73	41.01 1.14 -0.72	41.29 1.11 -0.66	42.19 1.18 -0.40	38.96 1.12 -0.39	37.40 0.98 -0.03	36.86 0.93 -0.09	33.83 0.66 -0.13	30.87 0.72 0.00	28.49 0.56 0.00
MILLIKEN___2 23585	26.12 0.69 0.00	24.06 0.59 0.00	22.77 0.42 0.00	22.34 0.33 0.00	22.52 0.35 0.00	23.88 0.47 0.00	27.58 0.73 0.00	29.07 0.85 0.00	30.70 0.74 -0.30	31.92 0.80 -0.42	34.31 0.95 -0.68	36.33 1.14 -0.50	36.68 0.98 -0.73	39.84 1.25 -0.80	39.59 1.13 -0.73	41.01 1.14 -0.72	41.29 1.11 -0.66	42.19 1.18 -0.40	38.96 1.12 -0.39	37.40 0.98 -0.03	36.86 0.93 -0.09	33.83 0.66 -0.13	30.87 0.72 0.00	28.49 0.56 0.00
MILLIKEN___DIESEL 23629	26.12 0.69 0.00	24.06 0.59 0.00	22.77 0.42 0.00	22.34 0.33 0.00	22.52 0.35 0.00	23.88 0.47 0.00	27.58 0.73 0.00	29.07 0.85 0.00	30.70 0.74 -0.30	31.92 0.80 -0.42	34.31 0.95 -0.68	36.33 1.14 -0.50	36.68 0.98 -0.73	39.84 1.25 -0.80	39.59 1.13 -0.73	41.01 1.14 -0.72	41.29 1.11 -0.66	42.19 1.18 -0.40	38.96 1.12 -0.39	37.40 0.98 -0.03	36.86 0.93 -0.09	33.83 0.66 -0.13	30.87 0.72 0.00	28.49 0.56 0.00
MILLSEAT___LFGE 323607	25.79 0.36 0.00	23.68 0.21 0.00	22.35 0.00 0.00	21.79 -0.22 0.00	21.94 -0.22 0.00	23.77 0.35 0.00	26.67 -0.19 0.00	28.25 0.03 0.00	29.45 -0.21 0.00	30.65 -0.06 0.00	33.38 0.69 0.00	35.86 1.18 0.00	35.21 0.25 0.00	38.69 0.91 0.00	38.15 0.42 0.00	39.08 -0.08 0.00	39.25 -0.27 0.00	40.28 -0.33 0.00	37.15 -0.30 0.00	36.06 -0.33 0.00	35.19 -0.64 0.00	31.98 -1.06 0.00	29.75 -0.39 0.00	27.76 -0.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.24 1.81 0.00	24.97 1.50 0.00	23.58 1.23 0.00	23.20 1.19 0.00	23.38 1.22 0.00	24.82 1.40 0.00	28.74 1.88 0.00	30.28 2.06 0.00	32.00 2.34 0.00	33.07 2.36 0.00	35.20 2.52 0.00	37.25 2.57 0.00	37.80 2.83 0.00	40.81 3.02 0.00	40.72 2.98 0.00	42.68 3.52 0.00	43.12 3.60 0.00	44.14 3.53 0.00	40.70 3.26 0.00	39.37 2.98 0.00	38.77 2.94 0.00	35.81 2.78 0.00	32.62 2.47 0.00	30.19 2.26 0.00
MILLWOOD_13_KV_LOAD 356217	27.35 1.91 0.00	25.07 1.60 0.00	23.67 1.32 0.00	23.28 1.28 0.00	23.49 1.33 0.00	24.91 1.50 0.00	28.85 1.99 0.00	30.39 2.17 0.00	32.15 2.49 0.00	33.23 2.52 0.00	35.37 2.68 0.00	37.42 2.74 0.00	37.97 3.01 0.00	41.04 3.25 0.00	40.94 3.21 0.00	42.87 3.72 0.00	43.32 3.79 0.00	44.39 3.78 0.00	40.89 3.45 0.00	39.56 3.17 0.00	38.95 3.12 0.00	35.94 2.91 0.00	32.77 2.62 0.00	30.30 2.37 0.00
MODEL_CITY_ENERGY 24167	25.11 -0.33 0.00	23.07 -0.40 0.00	21.79 -0.56 0.00	21.19 -0.81 0.00	21.34 -0.82 0.00	23.14 -0.28 0.00	25.87 -0.99 0.00	27.31 -0.90 0.00	28.50 -1.16 0.00	29.63 -1.08 0.00	32.26 -0.43 0.00	34.75 0.07 0.00	34.09 -0.87 0.00	37.49 -0.30 0.00	36.98 -0.75 0.00	37.75 -1.41 0.00	37.90 -1.62 0.00	38.91 -1.70 0.00	35.84 -1.61 0.00	34.83 -1.56 0.00	33.97 -1.86 0.00	30.85 -2.18 0.00	28.82 -1.33 0.00	26.98 -0.95 0.00
MODERN_LFGE___ 323580	25.11 -0.33 0.00	23.07 -0.40 0.00	21.79 -0.56 0.00	21.19 -0.81 0.00	21.34 -0.82 0.00	23.14 -0.28 0.00	25.87 -0.99 0.00	27.31 -0.90 0.00	28.50 -1.16 0.00	29.63 -1.08 0.00	32.26 -0.43 0.00	34.75 0.07 0.00	34.09 -0.87 0.00	37.49 -0.30 0.00	36.98 -0.75 0.00	37.75 -1.41 0.00	37.90 -1.62 0.00	38.91 -1.70 0.00	35.84 -1.61 0.00	34.83 -1.56 0.00	33.97 -1.86 0.00	30.85 -2.18 0.00	28.82 -1.33 0.00	26.98 -0.95 0.00
MOHAWK_PAPER___DRP 24187	26.38 0.94 0.00	24.36 0.89 0.00	23.07 0.72 0.00	22.76 0.75 0.00	22.89 0.73 0.00	24.24 0.82 0.00	27.91 1.05 0.00	29.32 1.10 0.00	30.85 1.19 0.00	31.94 1.23 0.00	33.90 1.21 0.00	35.86 1.18 0.00	36.22 1.26 0.00	39.19 1.40 0.00	39.17 1.43 0.00	40.80 1.64 0.00	41.22 1.70 0.00	42.44 1.83 0.00	39.13 1.69 0.00	37.95 1.56 0.00	37.41 1.58 0.00	34.59 1.55 0.00	31.50 1.36 0.00	29.21 1.28 0.00
MOHICAN___35_KV_115KV_LD 80490	27.35 1.91 0.00	25.28 1.81 0.00	23.80 1.45 0.00	23.48 1.47 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.06 2.20 0.00	30.59 2.37 0.00	32.15 2.49 0.00	33.44 2.73 0.00	35.47 2.78 0.00	37.53 2.84 0.00	37.76 2.80 0.00	40.89 3.10 0.00	40.94 3.21 0.00	42.60 3.45 0.00	43.00 3.48 0.00	44.51 3.90 0.00	40.97 3.52 0.00	39.81 3.42 0.00	39.31 3.48 0.00	36.27 3.24 0.00	32.95 2.80 0.00	30.41 2.49 0.00
MONGAUP___HYD 23641	26.96 1.53 0.00	24.81 1.34 0.00	23.45 1.09 0.00	23.11 1.10 0.00	23.27 1.11 0.00	24.77 1.36 0.00	28.44 1.58 0.00	29.83 1.61 0.00	31.50 1.84 0.00	32.55 1.84 0.00	34.58 1.90 0.00	36.59 1.91 0.00	37.13 2.17 0.00	40.17 2.38 0.00	40.08 2.34 0.00	41.98 2.82 0.00	42.06 2.53 0.00	43.33 2.72 0.00	40.07 2.62 0.00	38.90 2.51 0.00	38.38 2.54 0.00	35.42 2.38 0.00	32.20 2.05 0.00	29.85 1.93 0.00
MONTAUK___DIESEL 23721	33.92 3.15 -5.33	28.62 2.75 -2.41	29.33 2.44 -4.55	27.33 2.42 -2.90	28.23 2.55 -3.52	32.21 2.74 -6.06	34.65 3.33 -4.46	34.75 3.67 -2.87	36.91 4.42 -2.83	36.86 4.48 -1.66	39.64 5.16 -1.79	42.83 5.38 -2.77	43.24 5.63 -2.64	43.93 6.12 -0.02	44.73 6.98 -0.01	46.84 7.67 -0.01	49.99 7.90 -2.56	50.08 8.00 -1.47	44.68 7.23 -0.01	42.87 6.48 0.00	41.64 5.80 0.00	38.88 5.85 0.00	36.10 5.06 -0.89	35.68 4.61 -3.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.31 -0.13 0.00	23.31 -0.16 0.00	22.06 -0.29 0.00	21.55 -0.46 0.00	21.81 -0.35 0.00	23.35 -0.07 0.00	26.94 0.08 0.00	28.81 0.59 0.00	30.22 0.56 0.00	31.57 0.86 0.00	34.32 1.63 0.00	36.90 2.22 0.00	36.29 1.33 0.00	39.87 2.08 0.00	39.28 1.55 0.00	40.33 1.17 0.00	40.31 0.79 0.00	41.10 0.49 0.00	38.20 0.75 0.00	36.61 0.22 0.00	35.44 -0.39 0.00	32.14 -0.89 0.00	29.97 -0.18 0.00	27.82 -0.11 0.00

MORRIS_RIDGE___SOLAR 323848	25.39 -0.05 0.00	23.38 -0.09 0.00	22.06 -0.29 0.00	21.52 -0.48 0.00	21.74 -0.42 0.00	23.14 -0.28 0.00	26.56 -0.30 0.00	28.11 -0.11 0.00	29.36 -0.30 0.00	30.52 -0.18 0.00	33.01 0.33 0.00	35.48 0.80 0.00	35.07 0.10 0.00	38.47 0.68 0.00	38.11 0.38 0.00	39.19 0.04 0.00	39.37 -0.16 0.00	40.37 -0.24 0.00	37.48 0.04 0.00	36.21 -0.18 0.00	35.26 -0.57 0.00	32.11 -0.93 0.00	29.73 -0.42 0.00	27.59 -0.34 0.00
MORTIMER_115KV_TB3 55949	25.54 0.10 0.00	23.52 0.05 0.00	22.24 -0.11 0.00	21.74 -0.26 0.00	21.92 -0.24 0.00	23.25 -0.16 0.00	26.64 -0.21 0.00	28.16 -0.06 0.00	29.45 -0.21 0.00	30.65 -0.06 0.00	33.11 0.42 0.00	35.48 0.80 0.00	35.14 0.17 0.00	38.39 0.60 0.00	38.00 0.26 0.00	39.19 0.04 0.00	39.41 -0.12 0.00	40.49 -0.12 0.00	37.45 0.00 0.00	36.28 -0.11 0.00	35.40 -0.43 0.00	32.28 -0.76 0.00	29.79 -0.36 0.00	27.65 -0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.45 2.01 0.00	25.14 1.67 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.95 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.56 2.88 0.00	37.63 2.95 0.00	38.22 3.25 0.00	41.23 3.44 0.00	41.13 3.40 0.00	43.15 3.99 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.08 3.63 0.00	39.77 3.38 0.00	39.16 3.33 0.00	36.14 3.11 0.00	32.98 2.83 0.00	30.50 2.57 0.00
MUNSVILLE_WIND_PWR 323609	27.29 1.86 0.00	25.14 1.67 0.00	23.69 1.34 0.00	23.28 1.28 0.00	23.40 1.24 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.65 2.43 0.00	32.10 2.25 -0.19	33.34 2.36 -0.26	35.60 2.48 -0.43	38.09 3.09 -0.32	38.44 3.01 -0.46	41.55 3.25 -0.51	41.37 3.17 -0.46	42.70 3.09 -0.45	43.14 3.20 -0.42	44.52 3.66 -0.26	40.99 3.30 -0.24	39.54 3.13 -0.02	38.61 2.72 -0.06	35.50 2.38 -0.08	32.32 2.17 0.00	29.74 1.81 0.00
N SALMON___HYD 24042	22.84 -0.86 1.74	22.69 -0.77 0.01	21.84 -0.51 0.00	21.66 -0.35 0.00	21.81 -0.36 0.00	22.76 -0.66 0.00	26.24 -0.62 0.00	27.57 -0.65 0.00	28.89 -0.77 0.00	29.88 -0.83 0.00	31.58 -1.11 0.00	33.47 -1.21 0.00	32.03 -1.29 1.64	30.71 -1.40 5.69	30.44 -1.47 5.82	26.69 -1.49 10.98	37.04 -1.46 1.03	37.22 -1.42 1.97	31.81 -1.46 4.17	34.96 -1.42 0.01	34.68 -1.15 0.00	31.88 -1.16 0.00	28.94 -1.21 0.00	26.78 -1.15 0.00
N.AKRON__115KV_KNAPP 355671	25.69 0.25 0.00	23.66 0.19 0.00	22.35 0.00 0.00	21.79 -0.22 0.00	21.96 -0.20 0.00	23.35 -0.07 0.00	26.67 -0.19 0.00	28.28 0.06 0.00	29.45 -0.21 0.00	30.65 -0.06 0.00	33.34 0.65 0.00	35.90 1.21 0.00	35.21 0.24 0.00	38.73 0.94 0.00	38.15 0.42 0.00	39.12 -0.04 0.00	39.29 -0.24 0.00	40.33 -0.28 0.00	37.48 0.04 0.00	36.28 -0.11 0.00	35.26 -0.57 0.00	31.98 -1.06 0.00	29.76 -0.39 0.00	27.76 -0.17 0.00
N.BELMOR_69_KV_BK1 55787	33.24 2.47 -5.33	27.99 2.11 -2.41	28.69 1.79 -4.55	26.65 1.74 -2.90	27.43 1.75 -3.52	31.46 1.99 -6.06	33.84 2.52 -4.46	33.85 2.77 -2.87	35.64 3.14 -2.83	35.54 3.16 -1.66	37.91 3.43 -1.79	41.03 3.57 -2.77	41.41 3.81 -2.63	41.96 4.12 -0.05	41.73 4.00 0.00	43.74 4.58 0.00	46.82 4.74 -2.55	46.79 4.71 -1.47	41.71 4.27 0.00	40.28 3.89 0.00	39.52 3.69 0.00	36.74 3.70 0.00	34.36 3.32 -0.89	34.09 3.02 -3.14
N.E_GEN_SANDY PD 24062	26.76 1.32 0.00	24.71 1.24 0.00	23.33 0.98 0.00	23.00 0.99 0.00	23.43 1.02 -0.25	24.68 1.22 -0.05	28.23 1.42 0.05	29.71 1.49 0.00	31.29 1.63 0.00	32.30 1.60 0.00	34.26 1.57 0.00	36.24 1.56 0.00	36.68 1.71 0.00	39.68 1.89 0.00	39.55 1.81 0.00	41.31 2.15 0.00	41.78 2.25 0.00	42.88 2.27 0.00	39.62 2.17 0.00	38.46 2.07 0.00	37.73 1.90 0.00	34.99 1.95 0.00	31.86 1.72 0.00	29.63 1.70 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.19 1.76 0.00	24.95 1.48 0.00	23.53 1.18 0.00	23.15 1.14 0.00	23.34 1.17 0.00	24.77 1.36 0.00	28.66 1.80 0.00	30.19 1.98 0.00	31.94 2.28 0.00	33.01 2.30 0.00	35.11 2.42 0.00	37.18 2.50 0.00	37.73 2.76 0.00	40.77 2.99 0.00	40.64 2.91 0.00	42.60 3.45 0.00	43.04 3.52 0.00	44.10 3.49 0.00	40.67 3.22 0.00	39.34 2.95 0.00	38.70 2.87 0.00	35.75 2.71 0.00	32.56 2.41 0.00	30.14 2.21 0.00
N.QUEENS_27_KV_LOAD 356247	27.76 2.31 -0.01	25.38 1.90 -0.01	23.95 1.59 -0.01	23.56 1.54 -0.01	23.72 1.55 -0.01	25.23 1.80 -0.01	29.25 2.39 0.00	30.90 2.68 0.00	32.57 2.91 0.00	33.59 2.89 0.00	35.76 3.07 0.00	37.70 3.02 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.40 3.66 0.00	43.27 4.11 -0.01	43.72 4.19 -0.01	44.80 4.18 -0.01	41.42 3.97 -0.01	40.11 3.71 -0.01	39.49 3.65 0.00	36.34 3.30 0.00	33.26 3.11 -0.01	30.84 2.90 -0.01
N.TROY___115KV_TB1 355778	26.61 1.17 0.00	24.57 1.10 0.00	23.24 0.89 0.00	22.91 0.90 0.00	23.07 0.91 0.00	24.42 1.01 0.00	28.15 1.29 0.00	29.55 1.33 0.00	31.08 1.42 0.00	32.18 1.47 0.00	34.13 1.44 0.00	36.10 1.42 0.00	36.43 1.47 0.00	39.45 1.66 0.00	39.40 1.66 0.00	41.03 1.88 0.00	41.50 1.98 0.00	42.68 2.07 0.00	39.36 1.91 0.00	38.17 1.78 0.00	37.62 1.79 0.00	34.85 1.82 0.00	31.71 1.57 0.00	29.44 1.51 0.00
NARROWS_GT1_1 24228	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT1_2 24229	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT1_3 24230	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT1_4 24231	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02

NARROWS_GT1_5 24232	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT1_6 24233	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT1_7 24234	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT1_8 24235	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_1 24236	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_2 24237	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_3 24238	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_4 24239	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_5 24240	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_6 24241	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_7 24242	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NARROWS_GT2_8 24243	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	100.84 4.50 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.56 1.12 0.00	24.53 1.06 0.00	23.24 0.89 0.00	23.02 1.01 0.00	23.12 0.95 0.00	24.45 1.03 0.00	28.12 1.26 0.00	29.38 1.16 0.00	30.91 1.25 0.00	32.00 1.29 0.00	33.83 1.14 0.00	35.79 1.11 0.00	36.19 1.22 0.00	39.23 1.44 0.00	39.21 1.47 0.00	40.84 1.68 0.00	41.26 1.74 0.00	42.72 2.11 0.00	39.43 1.98 0.00	38.32 1.93 0.00	37.77 1.93 0.00	34.92 1.88 0.00	31.71 1.57 0.00	29.44 1.51 0.00
NCHELSEA_115KV_TR2 355582	27.27 1.83 0.00	25.02 1.55 0.00	23.65 1.30 0.00	23.31 1.30 0.00	23.49 1.33 0.00	24.89 1.48 0.00	28.77 1.91 0.00	30.19 1.98 0.00	31.97 2.31 0.00	33.07 2.36 0.00	35.14 2.45 0.00	37.21 2.53 0.00	37.80 2.83 0.00	40.89 3.10 0.00	40.75 3.02 0.00	42.68 3.52 0.00	43.08 3.56 0.00	44.26 3.65 0.00	40.74 3.30 0.00	39.41 3.02 0.00	38.77 2.94 0.00	35.81 2.78 0.00	32.56 2.41 0.00	30.22 2.29 0.00
NEG CAPITAL___MECHNVIL 23645	27.12 1.68 0.00	25.07 1.60 0.00	23.65 1.30 0.00	23.31 1.30 0.00	23.45 1.28 0.00	24.96 1.55 0.00	28.77 1.91 0.00	30.22 2.00 0.00	31.77 2.11 0.00	32.98 2.27 0.00	34.98 2.29 0.00	37.04 2.36 0.00	37.31 2.34 0.00	40.39 2.61 0.00	40.41 2.68 0.00	42.09 2.94 0.00	42.53 3.00 0.00	43.90 3.29 0.00	40.44 3.00 0.00	39.30 2.91 0.00	38.70 2.87 0.00	35.75 2.71 0.00	32.53 2.38 0.00	30.11 2.18 0.00

NEG CENTRAL_HIGH_ACRES 23767	25.18 -0.25 0.00	23.17 -0.31 0.00	21.90 -0.45 0.00	21.46 -0.55 0.00	21.61 -0.55 0.00	23.18 -0.23 0.00	26.32 -0.54 0.00	27.85 -0.37 0.00	29.13 -0.53 0.00	30.31 -0.40 0.00	32.69 0.00 0.00	34.96 0.28 0.00	34.68 -0.28 0.00	37.86 0.08 0.00	37.55 -0.19 0.00	38.69 -0.47 0.00	38.97 -0.55 0.00	40.00 -0.61 0.00	36.77 -0.67 0.00	35.70 -0.69 0.00	34.97 -0.86 0.00	31.95 -1.09 0.00	29.45 -0.69 0.00	27.29 -0.64 0.00
NEG CENTRAL___DRP 24199	25.77 0.33 0.00	23.71 0.23 0.00	22.44 0.09 0.00	21.99 -0.02 0.00	22.16 0.00 0.00	23.56 0.14 0.00	27.15 0.30 0.00	28.67 0.45 0.00	30.29 0.33 -0.30	31.56 0.43 -0.42	34.05 0.69 -0.68	35.98 0.80 -0.50	36.15 0.45 -0.73	39.39 0.79 -0.81	39.10 0.64 -0.73	40.38 0.51 -0.72	40.62 0.43 -0.66	41.46 0.45 -0.40	38.36 0.52 -0.39	36.78 0.36 -0.03	36.18 0.25 -0.09	33.20 0.03 -0.13	30.36 0.21 0.00	28.04 0.11 0.00
NEG CENTRAL___INDECK 23768	26.38 0.94 0.00	24.22 0.75 0.00	22.86 0.51 0.00	22.34 0.33 0.00	22.52 0.35 0.00	24.33 0.91 0.00	27.53 0.67 0.00	28.98 0.76 0.00	30.02 0.36 0.00	31.14 0.43 0.00	33.60 0.91 0.00	35.97 1.28 0.00	35.56 0.59 0.00	38.96 1.17 0.00	38.68 0.94 0.00	39.78 0.62 0.00	40.08 0.55 0.00	41.30 0.69 0.00	38.34 0.90 0.00	37.52 1.13 0.00	36.80 0.97 0.00	33.46 0.43 0.00	30.87 0.72 0.00	28.54 0.61 0.00
NEG CENTRAL___SENECA 23627	25.87 0.43 0.00	23.80 0.33 0.00	22.51 0.16 0.00	22.01 0.00 0.00	22.21 0.04 0.00	23.63 0.21 0.00	27.24 0.38 0.00	28.81 0.59 0.00	30.26 0.44 -0.16	31.48 0.55 -0.22	33.96 0.92 -0.36	35.99 1.04 -0.27	35.95 0.59 -0.39	39.20 0.98 -0.43	38.91 0.79 -0.39	40.12 0.59 -0.38	40.39 0.51 -0.35	41.39 0.57 -0.21	38.32 0.67 -0.20	36.91 0.51 -0.01	36.24 0.36 -0.05	33.20 0.10 -0.07	30.48 0.33 0.00	28.12 0.20 0.00
NEG CENTRAL___STATE_STREET 24147	25.79 0.36 0.00	23.78 0.31 0.00	22.51 0.16 0.00	22.07 0.07 0.00	22.25 0.09 0.00	23.60 0.19 0.00	27.24 0.38 0.00	28.73 0.51 0.00	30.47 0.42 -0.40	31.79 0.52 -0.56	34.28 0.69 -0.91	36.18 0.83 -0.67	36.57 0.63 -0.98	39.73 0.87 -1.08	39.46 0.75 -0.97	40.82 0.70 -0.96	41.07 0.67 -0.88	41.84 0.69 -0.54	38.56 0.60 -0.52	36.90 0.47 -0.04	36.35 0.39 -0.12	33.41 0.20 -0.17	30.42 0.27 0.00	28.07 0.14 0.00
NEG MILLWOOD___DRP 24198	27.47 2.04 0.00	25.18 1.71 0.00	23.78 1.43 0.00	23.44 1.43 0.00	23.65 1.48 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.48 2.26 0.00	32.24 2.58 0.00	33.41 2.70 0.00	35.53 2.84 0.00	37.63 2.95 0.00	38.18 3.22 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.15 3.99 0.00	43.56 4.03 0.00	44.75 4.14 0.00	41.12 3.67 0.00	39.81 3.42 0.00	39.16 3.33 0.00	36.11 3.07 0.00	32.89 2.74 0.00	30.44 2.51 0.00
NEG NORTH_FLCN_SEA 23793	23.13 -0.46 1.85	23.09 -0.38 0.01	22.19 -0.16 0.00	22.03 0.02 0.00	22.16 0.00 0.00	23.35 -0.07 0.00	26.73 -0.13 0.00	28.11 -0.11 0.00	29.48 -0.18 0.00	30.46 -0.25 0.00	32.20 -0.49 0.00	34.16 -0.52 0.00	32.63 -0.59 1.74	31.18 -0.57 6.05	30.83 -0.72 6.19	26.81 -0.67 11.68	37.84 -0.59 1.09	37.94 -0.57 2.10	32.22 -0.79 4.44	35.69 -0.69 0.01	35.29 -0.54 0.00	32.44 -0.59 0.00	29.39 -0.75 0.00	27.18 -0.75 0.00
NEG NORTH_KES_CHATEGAY 23792	22.70 -0.92 1.82	22.67 -0.80 0.01	21.79 -0.56 0.00	21.61 -0.40 0.00	21.74 -0.42 0.00	22.90 -0.52 0.00	26.16 -0.70 0.00	27.46 -0.76 0.00	28.77 -0.89 0.00	29.73 -0.98 0.00	31.41 -1.27 0.00	33.33 -1.35 0.00	31.88 -1.36 1.72	30.32 -1.51 5.96	30.05 -1.58 6.10	26.04 -1.61 11.51	36.83 -1.62 1.07	37.00 -1.54 2.07	31.46 -1.61 4.37	34.93 -1.46 0.01	34.54 -1.29 0.00	31.78 -1.26 0.00	28.82 -1.33 0.00	26.70 -1.23 0.00
NEG NORTH___ALICE_FALLS 23915	23.06 -0.53 1.84	23.02 -0.45 0.01	22.13 -0.22 0.00	21.96 -0.04 0.00	22.10 -0.07 0.00	23.28 -0.14 0.00	26.64 -0.21 0.00	28.05 -0.17 0.00	29.39 -0.27 0.00	30.37 -0.34 0.00	32.07 -0.62 0.00	34.06 -0.62 0.00	32.49 -0.73 1.74	31.04 -0.72 6.03	30.69 -0.87 6.18	26.72 -0.78 11.65	37.73 -0.71 1.09	37.87 -0.65 2.09	32.12 -0.90 4.43	35.62 -0.76 0.01	35.22 -0.61 0.00	32.34 -0.69 0.00	29.33 -0.81 0.00	27.12 -0.81 0.00
NEG NORTH___LWR_SARANAC 23913	23.06 -0.53 1.84	23.02 -0.45 0.01	22.13 -0.22 0.00	21.96 -0.04 0.00	22.10 -0.07 0.00	23.28 -0.14 0.00	26.64 -0.21 0.00	28.05 -0.17 0.00	29.39 -0.27 0.00	30.37 -0.34 0.00	32.07 -0.62 0.00	34.06 -0.62 0.00	32.49 -0.73 1.74	31.04 -0.72 6.03	30.69 -0.87 6.18	26.72 -0.78 11.65	37.73 -0.71 1.09	37.87 -0.65 2.09	32.12 -0.90 4.43	35.62 -0.76 0.01	35.22 -0.61 0.00	32.34 -0.69 0.00	29.33 -0.81 0.00	27.12 -0.81 0.00
NEG NORTH___PLATTSBURG 23628	23.06 -0.54 1.84	22.99 -0.47 0.01	22.13 -0.22 0.00	21.96 -0.04 0.00	22.10 -0.07 0.00	23.11 -0.31 0.00	26.64 -0.22 0.00	28.05 -0.17 0.00	29.39 -0.27 0.00	30.37 -0.34 0.00	32.07 -0.62 0.00	34.06 -0.62 0.00	32.49 -0.74 1.74	31.04 -0.72 6.03	30.69 -0.87 6.18	26.72 -0.78 11.65	37.73 -0.71 1.09	37.87 -0.65 2.09	32.16 -0.86 4.43	35.51 -0.87 0.01	35.22 -0.61 0.00	32.34 -0.70 0.00	29.33 -0.81 0.00	27.12 -0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	25.26 -0.18 0.00	23.26 -0.21 0.00	21.97 -0.38 0.00	21.39 -0.62 0.00	21.56 -0.60 0.00	22.92 -0.49 0.00	26.13 -0.73 0.00	27.63 -0.59 0.00	28.80 -0.86 0.00	29.97 -0.74 0.00	32.59 -0.10 0.00	35.17 0.49 0.00	34.51 -0.45 0.00	37.94 0.15 0.00	37.40 -0.34 0.00	38.25 -0.90 0.00	38.38 -1.15 0.00	39.43 -1.18 0.00	36.66 -0.79 0.00	35.44 -0.95 0.00	34.40 -1.43 0.00	31.19 -1.85 0.00	29.12 -1.03 0.00	27.26 -0.67 0.00
NEG WEST___LANCASTR 23811	25.62 0.18 0.00	23.59 0.12 0.00	22.24 -0.11 0.00	21.63 -0.37 0.00	21.85 -0.31 0.00	23.28 -0.14 0.00	26.64 -0.21 0.00	28.11 -0.11 0.00	29.33 -0.33 0.00	30.49 -0.21 0.00	33.08 0.39 0.00	35.62 0.94 0.00	35.07 0.10 0.00	38.51 0.72 0.00	38.07 0.34 0.00	39.12 -0.04 0.00	39.25 -0.28 0.00	40.20 -0.41 0.00	37.41 -0.04 0.00	36.06 -0.33 0.00	35.04 -0.79 0.00	31.85 -1.19 0.00	29.60 -0.54 0.00	27.68 -0.25 0.00
NEG_PENN_ALLEGHNY 23528	25.97 0.54 0.00	23.92 0.44 0.00	22.60 0.25 0.00	22.14 0.13 0.00	22.34 0.18 0.00	23.88 0.47 0.00	27.29 0.43 0.00	28.81 0.59 0.00	30.37 0.53 -0.18	31.57 0.61 -0.25	33.91 0.82 -0.41	36.02 1.04 -0.30	36.21 0.80 -0.44	39.37 1.10 -0.48	39.15 0.98 -0.44	40.52 0.94 -0.43	40.83 0.91 -0.40	41.75 0.89 -0.24	38.50 0.82 -0.23	37.17 0.77 -0.02	36.50 0.61 -0.06	33.51 0.40 -0.08	30.66 0.51 0.00	28.35 0.42 0.00
NEG___GEN_MONROE 24207	25.77 0.33 0.00	23.73 0.26 0.00	22.42 0.07 0.00	21.90 -0.11 0.00	22.10 -0.07 0.00	23.46 0.05 0.00	26.83 -0.03 0.00	28.33 0.11 0.00	29.54 -0.12 0.00	30.65 -0.06 0.00	33.15 0.46 0.00	35.48 0.80 0.00	35.03 0.07 0.00	38.36 0.57 0.00	37.96 0.23 0.00	39.08 -0.08 0.00	39.33 -0.20 0.00	40.45 -0.16 0.00	37.45 0.00 0.00	36.35 -0.04 0.00	35.44 -0.39 0.00	32.24 -0.79 0.00	29.82 -0.33 0.00	27.71 -0.22 0.00

NEPA__ENERGY 23901	25.62 0.18 0.00	23.61 0.14 0.00	22.26 -0.09 0.00	21.66 -0.35 0.00	21.90 -0.27 0.00	23.32 -0.09 0.00	26.73 -0.13 0.00	28.36 0.14 0.00	29.57 -0.09 0.00	30.77 0.06 0.00	33.34 0.65 0.00	35.90 1.21 0.00	35.31 0.35 0.00	38.77 0.98 0.00	38.30 0.57 0.00	39.43 0.27 0.00	39.56 0.04 0.00	40.53 -0.08 0.00	37.75 0.30 0.00	36.39 0.00 0.00	35.33 -0.50 0.00	32.14 -0.89 0.00	29.88 -0.27 0.00	27.73 -0.20 0.00
NEVERSINK__HYD 23608	27.14 1.70 0.00	24.95 1.48 0.00	23.56 1.21 0.00	23.22 1.21 0.00	23.38 1.22 0.00	24.89 1.48 0.00	28.60 1.74 0.00	30.05 1.83 0.00	31.80 2.14 0.00	32.86 2.15 0.00	34.98 2.29 0.00	37.07 2.39 0.00	37.62 2.66 0.00	40.74 2.95 0.00	40.60 2.87 0.00	42.48 3.33 0.00	42.92 3.40 0.00	44.18 3.57 0.00	40.74 3.30 0.00	39.52 3.13 0.00	38.70 2.87 0.00	35.68 2.64 0.00	32.44 2.29 0.00	30.05 2.12 0.00
NEWKRMKL_115KV_TB1 55635	26.07 0.64 0.00	24.08 0.61 0.00	22.80 0.45 0.00	22.54 0.53 0.00	22.65 0.49 0.00	23.95 0.54 0.00	27.58 0.73 0.00	29.01 0.79 0.00	30.52 0.86 0.00	31.60 0.89 0.00	33.54 0.85 0.00	35.48 0.80 0.00	35.87 0.91 0.00	38.81 1.02 0.00	38.75 1.02 0.00	40.37 1.21 0.00	40.79 1.26 0.00	41.95 1.34 0.00	38.68 1.24 0.00	37.52 1.13 0.00	36.98 1.15 0.00	34.19 1.16 0.00	31.14 0.99 0.00	28.88 0.95 0.00
NEWTON__FALLS_HYD 23847	23.71 -0.74 0.99	22.81 -0.66 0.00	21.81 -0.54 0.00	21.55 -0.46 0.00	21.65 -0.51 0.00	22.88 -0.54 0.00	26.30 -0.56 0.00	27.54 -0.68 0.00	29.02 -0.80 -0.16	30.10 -0.83 -0.22	32.04 -1.01 -0.36	33.77 -1.18 -0.27	33.13 -1.29 0.54	33.51 -1.47 2.81	33.42 -1.40 2.92	31.96 -1.33 5.87	37.99 -1.30 0.23	38.57 -1.14 0.91	34.30 -0.97 2.17	35.53 -0.87 -0.01	35.06 -0.82 -0.05	32.31 -0.79 -0.07	29.36 -0.78 0.00	27.18 -0.75 0.00
NGRID_A1_DSASP 323792	24.88 -0.56 0.00	22.86 -0.61 0.00	21.61 -0.74 0.00	21.02 -0.99 0.00	21.17 -1.00 0.00	22.92 -0.49 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.87 -0.82 0.00	34.34 -0.35 0.00	33.67 -1.29 0.00	36.99 -0.80 0.00	36.53 -1.21 0.00	37.28 -1.88 0.00	37.39 -2.13 0.00	38.38 -2.23 0.00	35.39 -2.06 0.00	34.42 -1.97 0.00	33.54 -2.29 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
NGRID_A2_DSASP 323793	24.88 -0.56 0.00	22.86 -0.61 0.00	21.61 -0.74 0.00	21.02 -0.99 0.00	21.17 -1.00 0.00	22.92 -0.49 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.87 -0.82 0.00	34.34 -0.35 0.00	33.67 -1.29 0.00	36.99 -0.80 0.00	36.53 -1.21 0.00	37.28 -1.88 0.00	37.39 -2.13 0.00	38.38 -2.23 0.00	35.39 -2.06 0.00	34.42 -1.97 0.00	33.54 -2.29 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
NGRID_A4_DSASP 323807	24.88 -0.56 0.00	22.86 -0.61 0.00	21.61 -0.74 0.00	21.02 -0.99 0.00	21.17 -1.00 0.00	22.92 -0.49 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.87 -0.82 0.00	34.34 -0.35 0.00	33.67 -1.29 0.00	36.99 -0.80 0.00	36.53 -1.21 0.00	37.28 -1.88 0.00	37.39 -2.13 0.00	38.38 -2.23 0.00	35.39 -2.06 0.00	34.42 -1.97 0.00	33.54 -2.29 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
NIAGARA_115E_LBMP 323715	24.98 -0.46 0.00	22.93 -0.54 0.00	21.66 -0.69 0.00	21.08 -0.92 0.00	21.23 -0.93 0.00	23.00 -0.42 0.00	25.71 -1.15 0.00	27.12 -1.10 0.00	28.30 -1.36 0.00	29.42 -1.29 0.00	32.03 -0.65 0.00	34.51 -0.17 0.00	33.84 -1.12 0.00	37.18 -0.61 0.00	36.72 -1.02 0.00	37.47 -1.68 0.00	37.63 -1.90 0.00	38.58 -2.03 0.00	35.57 -1.87 0.00	34.61 -1.78 0.00	33.72 -2.11 0.00	30.63 -2.41 0.00	28.61 -1.54 0.00	26.84 -1.09 0.00
NIAGARA_115W_LBMP 323714	24.83 -0.61 0.00	22.81 -0.66 0.00	21.55 -0.80 0.00	20.95 -1.06 0.00	21.12 -1.04 0.00	22.88 -0.54 0.00	25.52 -1.34 0.00	26.92 -1.30 0.00	28.09 -1.57 0.00	29.20 -1.50 0.00	31.81 -0.88 0.00	34.27 -0.41 0.00	33.60 -1.36 0.00	36.92 -0.87 0.00	36.41 -1.32 0.00	37.16 -2.00 0.00	37.31 -2.21 0.00	38.30 -2.31 0.00	35.31 -2.13 0.00	34.35 -2.04 0.00	33.47 -2.37 0.00	30.43 -2.61 0.00	28.43 -1.72 0.00	26.67 -1.26 0.00
NIAGARA_230_LBMP 323716	25.03 -0.41 0.00	23.02 -0.45 0.00	21.75 -0.60 0.00	21.15 -0.86 0.00	21.30 -0.86 0.00	23.07 -0.35 0.00	25.76 -1.10 0.00	27.15 -1.07 0.00	28.36 -1.30 0.00	29.48 -1.23 0.00	32.07 -0.62 0.00	34.51 -0.17 0.00	33.88 -1.08 0.00	37.18 -0.61 0.00	36.75 -0.98 0.00	37.55 -1.61 0.00	37.71 -1.82 0.00	38.70 -1.91 0.00	35.69 -1.76 0.00	34.72 -1.67 0.00	33.83 -2.01 0.00	30.76 -2.28 0.00	28.70 -1.45 0.00	26.90 -1.03 0.00
NIAGARA__115KV_198_GIBSON 55903	24.73 -0.71 0.00	22.79 -0.68 0.00	21.55 -0.80 0.00	20.95 -1.06 0.00	21.12 -1.04 0.00	22.46 -0.96 0.00	25.54 -1.32 0.00	26.92 -1.30 0.00	28.09 -1.57 0.00	29.20 -1.50 0.00	31.74 -0.95 0.00	34.27 -0.42 0.00	33.60 -1.36 0.00	36.92 -0.87 0.00	36.41 -1.32 0.00	37.20 -1.96 0.00	37.31 -2.21 0.00	38.38 -2.23 0.00	35.69 -1.76 0.00	34.57 -1.82 0.00	33.54 -2.29 0.00	30.43 -2.61 0.00	28.43 -1.72 0.00	26.67 -1.26 0.00
NIAGARA____ 23760	25.03 -0.41 0.00	23.02 -0.45 0.00	21.75 -0.60 0.00	21.15 -0.86 0.00	21.30 -0.86 0.00	23.07 -0.35 0.00	25.76 -1.10 0.00	27.15 -1.07 0.00	28.36 -1.30 0.00	29.48 -1.23 0.00	32.07 -0.62 0.00	34.51 -0.17 0.00	33.88 -1.08 0.00	37.18 -0.61 0.00	36.75 -0.98 0.00	37.55 -1.61 0.00	37.71 -1.82 0.00	38.70 -1.91 0.00	35.69 -1.76 0.00	34.72 -1.67 0.00	33.83 -2.01 0.00	30.76 -2.28 0.00	28.70 -1.45 0.00	26.90 -1.03 0.00
NINE_MILE_1 23575	24.93 -0.51 0.00	22.98 -0.49 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.92 -0.49 0.00	26.24 -0.62 0.00	27.51 -0.70 0.00	26.17 -0.80 2.69	26.19 -0.77 3.75	25.83 -0.75 6.11	29.44 -0.73 4.51	27.52 -0.84 6.61	29.71 -0.83 7.25	30.32 -0.87 6.55	31.72 -0.98 6.46	32.63 -0.99 5.91	35.96 -1.01 3.64	32.99 -0.97 3.48	35.20 -0.95 0.25	33.99 -1.00 0.84	30.89 -0.99 1.16	29.30 -0.84 0.00	27.15 -0.78 0.00
NINE_MILE_2 23744	24.93 -0.51 0.00	22.98 -0.49 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.92 -0.49 0.00	26.24 -0.62 0.00	27.51 -0.70 0.00	26.13 -0.80 2.73	26.13 -0.77 3.81	25.73 -0.75 6.20	29.37 -0.73 4.58	27.42 -0.84 6.71	29.60 -0.83 7.35	30.22 -0.87 6.65	31.62 -0.98 6.55	32.54 -0.99 6.00	35.90 -1.01 3.70	32.94 -0.97 3.53	35.19 -0.95 0.25	33.98 -1.00 0.85	30.87 -0.99 1.18	29.30 -0.84 0.00	27.15 -0.78 0.00
NM_CAPITAL__DRP 24208	26.12 0.69 0.00	24.13 0.66 0.00	22.84 0.49 0.00	22.58 0.57 0.00	22.69 0.53 0.00	24.00 0.59 0.00	27.64 0.78 0.00	29.04 0.82 0.00	30.55 0.89 0.00	31.63 0.92 0.00	33.57 0.88 0.00	35.51 0.83 0.00	35.91 0.94 0.00	38.81 1.02 0.00	38.79 1.06 0.00	40.41 1.25 0.00	40.83 1.30 0.00	41.99 1.38 0.00	38.76 1.31 0.00	37.55 1.16 0.00	37.01 1.18 0.00	34.26 1.22 0.00	31.20 1.06 0.00	28.96 1.03 0.00

NM_CENTRAL___DRP 24181	25.46 0.03 0.00	23.49 0.02 0.00	22.26 -0.09 0.00	21.85 -0.15 0.00	22.03 -0.13 0.00	23.35 -0.07 0.00	26.86 0.00 0.00	28.25 0.03 0.00	29.89 -0.03 -0.26	31.10 0.03 -0.36	33.44 0.16 -0.59	35.39 0.28 -0.43	35.74 0.14 -0.64	38.71 0.23 -0.70	38.52 0.15 -0.63	39.89 0.12 -0.62	40.13 0.04 -0.57	41.00 0.04 -0.35	37.78 0.00 -0.33	36.34 -0.07 -0.02	35.77 -0.14 -0.08	32.92 -0.23 -0.11	30.06 -0.09 0.00	27.79 -0.14 0.00
NM_FRONTIER___DRP 24179	24.73 -0.71 0.00	22.79 -0.68 0.00	21.55 -0.80 0.00	20.95 -1.06 0.00	21.12 -1.04 0.00	22.46 -0.96 0.00	25.54 -1.32 0.00	26.92 -1.30 0.00	28.09 -1.57 0.00	29.20 -1.50 0.00	31.74 -0.95 0.00	34.27 -0.42 0.00	33.60 -1.36 0.00	36.92 -0.87 0.00	36.41 -1.32 0.00	37.20 -1.96 0.00	37.31 -2.21 0.00	38.38 -2.23 0.00	35.69 -1.76 0.00	34.57 -1.82 0.00	33.54 -2.29 0.00	30.43 -2.61 0.00	28.43 -1.72 0.00	26.67 -1.26 0.00
NM_ST_REGIS___HYD 24053	22.86 -1.04 1.54	22.55 -0.92 0.01	21.72 -0.63 0.00	21.50 -0.51 0.00	21.63 -0.53 0.00	22.76 -0.66 0.00	26.03 -0.83 0.00	27.17 -1.04 0.00	28.61 -1.13 -0.07	29.61 -1.20 -0.10	31.39 -1.47 -0.17	33.14 -1.66 -0.12	31.88 -1.82 1.27	30.90 -2.04 4.84	30.75 -2.00 4.98	27.52 -2.08 9.56	36.68 -2.09 0.75	36.81 -2.15 1.65	31.89 -1.95 3.61	34.64 -1.75 0.00	34.24 -1.61 -0.02	31.55 -1.52 -0.03	28.70 -1.45 0.00	26.64 -1.28 0.00
NORTHPORT___1 23551	33.17 2.39 -5.34	28.07 2.18 -2.42	28.74 1.83 -4.56	26.70 1.78 -2.91	27.50 1.82 -3.52	31.63 2.15 -6.07	33.90 2.58 -4.46	33.94 2.85 -2.87	35.62 3.11 -2.84	35.42 3.04 -1.67	37.30 2.81 -1.80	40.34 2.88 -2.78	40.76 3.15 -2.64	41.28 3.47 -0.02	41.06 3.32 0.00	43.11 3.95 0.00	46.04 3.95 -2.56	46.07 3.98 -1.48	41.15 3.71 0.00	40.06 3.67 0.00	39.09 3.26 0.00	36.18 3.14 0.00	34.09 3.04 -0.90	33.93 2.85 -3.15
NORTHPORT___2 23552	33.17 2.39 -5.34	28.07 2.18 -2.42	28.74 1.83 -4.56	26.70 1.78 -2.91	27.50 1.82 -3.52	31.63 2.15 -6.07	33.90 2.58 -4.46	33.94 2.85 -2.87	35.62 3.11 -2.84	35.42 3.04 -1.67	37.30 2.81 -1.80	40.34 2.88 -2.78	40.76 3.15 -2.64	41.28 3.47 -0.02	41.06 3.32 0.00	43.11 3.95 0.00	46.04 3.95 -2.56	46.07 3.98 -1.48	41.15 3.71 0.00	40.06 3.67 0.00	39.09 3.26 0.00	36.18 3.14 0.00	34.09 3.04 -0.90	33.93 2.85 -3.15
NORTHPORT___3 23553	32.71 1.93 -5.34	27.58 1.69 -2.42	28.27 1.36 -4.56	26.23 1.32 -2.91	27.04 1.35 -3.52	31.17 1.69 -6.07	33.36 2.04 -4.46	33.38 2.28 -2.87	34.93 2.43 -2.83	34.83 2.46 -1.66	37.09 2.62 -1.79	40.19 2.74 -2.77	40.61 3.01 -2.64	41.09 3.29 -0.01	41.08 3.36 0.01	42.91 3.76 0.01	45.91 3.83 -2.55	45.86 3.78 -1.47	41.11 3.67 0.01	39.73 3.35 0.01	38.83 3.01 0.01	35.90 2.87 0.01	33.60 2.56 -0.89	33.39 2.32 -3.14
NORTHPORT___4 23650	32.71 1.93 -5.34	27.58 1.69 -2.42	28.27 1.36 -4.56	26.23 1.32 -2.91	27.04 1.35 -3.52	31.17 1.69 -6.07	33.36 2.04 -4.46	33.38 2.28 -2.87	34.93 2.43 -2.83	34.83 2.46 -1.66	37.09 2.62 -1.79	40.19 2.74 -2.77	40.61 3.01 -2.64	41.09 3.29 -0.01	41.08 3.36 0.01	42.91 3.76 0.01	45.91 3.83 -2.55	45.86 3.78 -1.47	41.11 3.67 0.01	39.73 3.35 0.01	38.83 3.01 0.01	35.90 2.87 0.01	33.60 2.56 -0.89	33.39 2.32 -3.14
NORTHPORT___IC 23718	33.19 2.42 -5.33	28.04 2.16 -2.41	28.73 1.83 -4.55	26.69 1.78 -2.90	27.50 1.82 -3.52	31.51 2.04 -6.06	33.89 2.58 -4.46	33.93 2.85 -2.87	35.61 3.11 -2.83	35.41 3.04 -1.66	37.29 2.81 -1.79	40.33 2.88 -2.77	40.75 3.15 -2.64	41.20 3.40 -0.01	40.98 3.25 0.00	42.99 3.84 0.00	46.07 3.99 -2.55	46.02 3.94 -1.47	41.08 3.63 0.00	39.59 3.20 0.00	38.77 2.94 0.00	36.04 3.01 0.00	34.08 3.04 -0.89	33.95 2.88 -3.14
NORTH___COUNTRY_ESR 323785	22.65 -0.97 1.82	22.57 -0.89 0.01	21.75 -0.60 0.00	21.57 -0.44 0.00	21.70 -0.47 0.00	22.64 -0.77 0.00	26.08 -0.78 0.00	27.40 -0.82 0.00	28.71 -0.95 0.00	29.70 -1.01 0.00	31.38 -1.31 0.00	33.29 -1.39 0.00	31.81 -1.44 1.72	30.28 -1.55 5.96	29.98 -1.66 6.10	25.97 -1.68 11.50	36.75 -1.70 1.07	36.88 -1.67 2.07	31.39 -1.68 4.37	34.75 -1.64 0.01	34.43 -1.40 0.00	31.68 -1.36 0.00	28.76 -1.39 0.00	26.62 -1.31 0.00
NPX_GEN_1385_PROXY 323591	32.71 1.93 -5.34	28.00 2.11 -2.42	28.65 1.74 -4.56	26.63 1.72 -2.91	27.44 1.75 -3.52	31.57 2.04 -6.12	33.72 2.44 -4.41	33.80 2.71 -2.87	35.47 2.97 -2.84	35.27 2.89 -1.67	37.13 2.65 -1.80	39.85 2.39 -2.78	40.20 2.59 -2.64	40.72 2.91 -0.02	40.53 2.79 0.00	42.56 3.40 0.00	45.05 2.97 -2.56	45.34 3.25 -1.48	41.04 3.60 0.00	40.17 3.78 0.00	39.06 3.23 0.00	36.01 2.97 0.00	34.00 2.96 -0.90	33.82 2.74 -3.15
NPX_GEN_CSC 323557	32.94 2.16 -5.34	27.81 1.93 -2.42	28.54 1.63 -4.56	26.50 1.59 -2.91	27.37 1.68 -3.52	31.48 1.94 -6.12	33.58 2.31 -4.41	33.66 2.57 -2.87	35.56 3.06 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	41.97 4.16 -0.03	41.93 4.19 -0.01	44.02 4.85 -0.01	47.04 4.94 -2.57	47.00 4.91 -1.48	41.98 4.53 -0.01	40.79 4.40 0.00	39.77 3.94 0.00	36.77 3.73 0.00	34.30 3.26 -0.90	34.04 2.96 -3.15
NSINS_S___GLNS_FALLS 23858	27.35 1.91 0.00	25.28 1.81 0.00	23.80 1.45 0.00	23.48 1.47 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.59 2.37 0.00	32.15 2.49 0.00	33.47 2.76 0.00	35.50 2.81 0.00	37.56 2.88 0.00	37.80 2.83 0.00	40.89 3.10 0.00	40.98 3.25 0.00	42.64 3.48 0.00	43.04 3.52 0.00	44.55 3.94 0.00	41.00 3.56 0.00	39.81 3.42 0.00	39.34 3.51 0.00	36.31 3.27 0.00	32.98 2.83 0.00	30.44 2.51 0.00
NUCOR_STEEL___DRP 24197	25.77 0.33 0.00	23.78 0.31 0.00	22.53 0.18 0.00	22.10 0.09 0.00	22.25 0.09 0.00	23.63 0.21 0.00	27.21 0.35 0.00	28.67 0.45 0.00	30.44 0.36 -0.43	31.73 0.43 -0.60	34.25 0.59 -0.97	36.16 0.76 -0.72	36.57 0.56 -1.05	39.73 0.79 -1.15	39.45 0.68 -1.04	40.81 0.63 -1.03	41.06 0.59 -0.94	41.80 0.61 -0.58	38.56 0.56 -0.55	36.83 0.40 -0.04	36.32 0.36 -0.13	33.39 0.17 -0.18	30.42 0.27 0.00	28.10 0.17 0.00
NUMBER_THREE_WT_PWR 323818	24.75 -0.30 0.38	23.19 -0.28 0.00	22.04 -0.31 0.00	21.72 -0.29 0.00	21.85 -0.31 0.00	23.18 -0.23 0.00	26.70 -0.16 0.00	28.13 -0.08 0.00	29.61 -0.24 -0.19	30.73 -0.25 -0.27	32.73 -0.39 -0.43	34.59 -0.41 -0.32	34.58 -0.49 -0.11	36.52 -0.53 0.74	36.50 -0.41 0.82	37.16 -0.04 1.96	39.72 0.00 -0.19	40.76 0.32 0.18	37.11 0.34 0.67	36.81 0.40 -0.02	36.21 0.32 -0.06	33.38 0.26 -0.08	30.30 0.15 0.00	27.96 0.03 0.00
NYISO_LBMP_REFERENCE 24008	25.44 0.00 0.00	23.47 0.00 0.00	22.35 0.00 0.00	22.01 0.00 0.00	22.16 0.00 0.00	23.42 0.00 0.00	26.86 0.00 0.00	28.22 0.00 0.00	29.66 0.00 0.00	30.71 0.00 0.00	32.69 0.00 0.00	34.68 0.00 0.00	34.97 0.00 0.00	37.79 0.00 0.00	37.73 0.00 0.00	39.15 0.00 0.00	39.52 0.00 0.00	40.61 0.00 0.00	37.45 0.00 0.00	36.39 0.00 0.00	35.83 0.00 0.00	33.04 0.00 0.00	30.15 0.00 0.00	27.93 0.00 0.00

NYPA_BRENTWD____GT 24164	33.42 2.65 -5.34	28.28 2.40 -2.42	28.94 2.03 -4.56	26.90 1.98 -2.91	27.70 2.02 -3.52	31.87 2.39 -6.07	34.17 2.85 -4.46	34.22 3.13 -2.87	36.00 3.50 -2.84	35.88 3.50 -1.67	38.11 3.63 -1.80	41.28 3.78 -2.81	41.63 4.02 -2.64	42.23 4.42 -0.02	41.92 4.19 0.00	44.01 4.85 0.00	46.99 4.90 -2.56	46.96 4.87 -1.48	41.98 4.53 0.00	40.94 4.55 0.00	39.95 4.12 0.00	36.93 3.90 0.00	34.63 3.59 -0.90	34.37 3.29 -3.15
NYPA_GOWANUS____GT5 24156	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NYPA_GOWANUS____GT6 24157	27.68 2.24 0.00	25.35 1.88 0.00	23.85 1.50 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.22 1.80 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.60 3.82 0.00	41.54 3.81 0.00	98.64 4.50 -54.99	81.53 4.58 -37.43	51.82 4.51 -6.70	94.82 4.19 -53.18	42.18 3.97 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.16 -0.11	30.80 2.85 -0.02
NYPA_HARLEM_RVR_GT1 24160	27.63 2.19 -0.01	25.36 1.88 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.27 1.85 -0.01	29.17 2.31 0.00	30.81 2.59 0.00	32.48 2.82 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.16 4.00 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.38 3.93 -0.01	40.15 3.75 -0.01	39.38 3.55 0.00	36.24 3.20 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
NYPA_HARLEM_RVR_GT2 24161	27.63 2.19 -0.01	25.36 1.88 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.27 1.85 -0.01	29.17 2.31 0.00	30.81 2.59 0.00	32.48 2.82 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.16 4.00 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.38 3.93 -0.01	40.15 3.75 -0.01	39.38 3.55 0.00	36.24 3.20 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
NYPA_KENT____GT 24152	27.60 2.16 0.00	25.30 1.83 0.00	23.82 1.47 0.00	23.42 1.41 0.00	23.58 1.42 0.00	25.19 1.78 0.00	29.09 2.23 0.00	30.73 2.51 0.00	32.54 2.88 0.00	33.59 2.89 0.00	35.80 3.11 0.00	37.81 3.12 0.00	38.46 3.50 0.00	41.49 3.71 0.00	41.44 3.70 0.00	55.44 4.35 -11.94	53.49 4.43 -9.54	45.03 4.35 -0.07	41.56 4.05 -0.07	41.29 3.86 -1.05	39.48 3.62 -0.03	36.34 3.30 0.00	33.32 3.11 -0.07	30.73 2.79 -0.01
NYPA_POUCH1____GT 24155	27.65 2.21 0.00	25.30 1.83 0.00	23.82 1.47 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.17 1.76 0.00	29.01 2.15 0.00	30.67 2.45 0.00	32.48 2.82 0.00	33.56 2.86 0.00	35.73 3.04 0.00	37.77 3.09 0.00	38.49 3.53 0.00	41.49 3.71 0.00	41.47 3.74 0.00	99.67 4.42 -56.09	82.14 4.50 -38.11	51.94 4.43 -6.90	94.75 4.12 -53.18	42.11 3.90 -1.82	39.54 3.66 -0.06	36.37 3.34 0.00	33.34 3.08 -0.11	30.74 2.79 -0.02
NYPA_VERNON____GT2 24162	27.55 2.11 0.00	25.25 1.78 0.00	23.80 1.45 0.00	23.42 1.41 0.00	23.56 1.40 0.00	25.19 1.78 0.00	29.06 2.20 0.00	30.70 2.48 0.00	32.48 2.82 0.00	33.56 2.86 0.00	35.73 3.04 0.00	37.77 3.09 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.36 3.62 0.00	48.69 4.23 -5.30	48.07 4.31 -4.24	44.86 4.22 -0.02	41.44 3.97 -0.02	40.41 3.75 -0.27	39.39 3.55 -0.01	36.28 3.24 0.00	33.19 3.01 -0.02	30.67 2.74 0.00
NYPA_VERNON____GT3 24163	27.55 2.11 0.00	25.25 1.78 0.00	23.80 1.45 0.00	23.42 1.41 0.00	23.56 1.40 0.00	25.19 1.78 0.00	29.06 2.20 0.00	30.70 2.48 0.00	32.48 2.82 0.00	33.56 2.86 0.00	35.73 3.04 0.00	37.77 3.09 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.36 3.62 0.00	48.69 4.23 -5.30	48.07 4.31 -4.24	44.86 4.22 -0.02	41.44 3.97 -0.02	40.41 3.75 -0.27	39.39 3.55 -0.01	36.28 3.24 0.00	33.19 3.01 -0.02	30.67 2.74 0.00
NYPA____ASTORIA_CC1 323568	27.52 2.09 0.00	25.23 1.76 0.00	23.78 1.43 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.17 1.76 0.00	29.03 2.17 0.00	30.67 2.45 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.69 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.38 3.59 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.86 4.23 -2.10	44.80 4.18 -0.01	41.38 3.93 -0.01	40.11 3.71 -0.01	39.35 3.51 0.00	36.24 3.20 0.00	33.14 2.99 -0.01	30.64 2.71 0.00
NYPA____ASTORIA_CC2 323569	27.52 2.09 0.00	25.23 1.76 0.00	23.78 1.43 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.17 1.76 0.00	29.03 2.17 0.00	30.67 2.45 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.69 3.01 0.00	37.70 3.02 0.00	38.36 3.39 0.00	41.38 3.59 0.00	41.28 3.55 0.00	45.93 4.15 -2.63	45.86 4.23 -2.10	44.80 4.18 -0.01	41.38 3.93 -0.01	40.11 3.71 -0.01	39.35 3.51 0.00	36.24 3.20 0.00	33.14 2.99 -0.01	30.64 2.71 0.00
NYPA____HOLTSVILL 23794	33.12 2.34 -5.34	28.00 2.11 -2.42	28.69 1.79 -4.56	26.65 1.74 -2.91	27.48 1.79 -3.52	31.59 2.11 -6.07	33.82 2.50 -4.46	33.86 2.77 -2.87	35.68 3.18 -2.84	35.54 3.16 -1.67	37.85 3.37 -1.80	40.93 3.47 -2.78	41.36 3.74 -2.65	41.90 4.08 -0.03	41.74 4.00 -0.01	43.82 4.66 -0.01	46.80 4.70 -2.57	46.80 4.71 -1.48	41.80 4.34 -0.01	40.65 4.26 0.00	39.70 3.87 0.00	36.67 3.63 0.00	34.33 3.29 -0.90	34.10 3.02 -3.15
NYPA____HELLGATE_GT1 24158	27.63 2.19 -0.01	25.36 1.88 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.27 1.85 -0.01	29.17 2.31 0.00	30.81 2.59 0.00	32.48 2.82 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.16 4.00 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.38 3.93 -0.01	40.15 3.75 -0.01	39.38 3.55 0.00	36.24 3.20 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
NYPA____HELLGATE_GT2 24159	27.63 2.19 -0.01	25.36 1.88 -0.01	23.90 1.54 -0.01	23.51 1.50 -0.01	23.68 1.51 -0.01	25.27 1.85 -0.01	29.17 2.31 0.00	30.81 2.59 0.00	32.48 2.82 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.60 2.91 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.24 3.51 0.00	43.16 4.00 -0.01	43.60 4.07 -0.01	44.68 4.06 -0.01	41.38 3.93 -0.01	40.15 3.75 -0.01	39.38 3.55 0.00	36.24 3.20 0.00	33.20 3.04 -0.01	30.79 2.85 -0.01
NYS_BARGE____HYD 23848	25.39 -0.05 0.00	23.31 -0.16 0.00	22.02 -0.33 0.00	21.42 -0.59 0.00	21.59 -0.58 0.00	23.39 -0.02 0.00	26.16 -0.70 0.00	27.65 -0.56 0.00	28.86 -0.80 0.00	30.03 -0.68 0.00	32.69 0.00 0.00	35.20 0.52 0.00	34.55 -0.42 0.00	37.98 0.19 0.00	37.47 -0.26 0.00	38.26 -0.90 0.00	38.42 -1.11 0.00	39.39 -1.22 0.00	36.32 -1.12 0.00	35.30 -1.09 0.00	34.40 -1.43 0.00	31.22 -1.82 0.00	29.18 -0.97 0.00	27.29 -0.64 0.00

OAK ORCHARD___HYD 24046	25.59 0.15 0.00	23.54 0.07 0.00	22.26 -0.09 0.00	21.77 -0.24 0.00	21.92 -0.24 0.00	23.56 0.14 0.00	26.64 -0.22 0.00	28.16 -0.06 0.00	29.45 -0.21 0.00	30.65 -0.06 0.00	33.15 0.46 0.00	35.48 0.80 0.00	35.14 0.18 0.00	38.39 0.60 0.00	38.00 0.27 0.00	39.15 0.00 0.00	39.41 -0.12 0.00	40.45 -0.16 0.00	37.22 -0.22 0.00	36.17 -0.22 0.00	35.37 -0.47 0.00	32.28 -0.76 0.00	29.79 -0.36 0.00	27.65 -0.28 0.00
OAKDALE___35_KV_LOAD 356122	25.84 0.41 0.00	23.80 0.33 0.00	22.53 0.18 0.00	22.07 0.07 0.00	22.27 0.11 0.00	23.63 0.21 0.00	27.18 0.32 0.00	28.67 0.45 0.00	30.25 0.42 -0.17	31.41 0.46 -0.24	33.74 0.65 -0.40	35.84 0.87 -0.29	36.02 0.63 -0.43	39.17 0.91 -0.47	38.95 0.79 -0.43	40.36 0.78 -0.42	40.62 0.71 -0.38	41.58 0.73 -0.24	38.42 0.75 -0.23	37.02 0.62 -0.02	36.35 0.47 -0.05	33.38 0.26 -0.08	30.54 0.39 0.00	28.24 0.31 0.00
OCC_CHEM___DRP 24175	24.78 -0.66 0.00	22.86 -0.61 0.00	21.59 -0.76 0.00	21.00 -1.01 0.00	21.17 -1.00 0.00	22.50 -0.91 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.81 -0.88 0.00	34.37 -0.31 0.00	33.67 -1.29 0.00	37.03 -0.76 0.00	36.53 -1.21 0.00	37.31 -1.84 0.00	37.43 -2.09 0.00	38.46 -2.15 0.00	35.76 -1.69 0.00	34.64 -1.75 0.00	33.61 -2.22 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
OH_GEN_PROXY 24063	25.06 -0.38 0.00	23.02 -0.45 0.00	21.75 -0.60 0.00	21.15 -0.86 0.00	21.32 -0.84 0.00	23.12 -0.35 -0.05	25.73 -1.08 0.05	27.20 -1.01 0.00	28.39 -1.27 0.00	29.54 -1.17 0.00	32.10 -0.59 0.00	34.54 -0.14 0.00	33.92 -1.05 0.00	37.26 -0.53 0.00	36.79 -0.94 0.00	37.63 -1.53 0.00	37.79 -1.74 0.00	38.78 -1.83 0.00	35.80 -1.65 0.00	34.83 -1.56 0.00	33.93 -1.90 0.00	30.85 -2.18 0.00	28.76 -1.39 0.00	26.92 -1.00 0.00
OLIN_CORP_DRP 24177	24.90 -0.53 0.00	22.95 -0.52 0.00	21.68 -0.67 0.00	21.11 -0.90 0.00	21.25 -0.91 0.00	22.60 -0.82 0.00	25.73 -1.13 0.00	27.15 -1.07 0.00	28.32 -1.33 0.00	29.48 -1.23 0.00	32.03 -0.65 0.00	34.58 -0.10 0.00	33.88 -1.08 0.00	37.26 -0.53 0.00	36.75 -0.98 0.00	37.55 -1.61 0.00	37.67 -1.86 0.00	38.74 -1.87 0.00	36.02 -1.42 0.00	34.86 -1.53 0.00	33.83 -2.01 0.00	30.69 -2.35 0.00	28.67 -1.48 0.00	26.87 -1.06 0.00
OLIN_CORP_DSASP 323712	24.88 -0.56 0.00	22.86 -0.61 0.00	21.61 -0.74 0.00	21.02 -0.99 0.00	21.17 -1.00 0.00	22.92 -0.49 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.87 -0.82 0.00	34.34 -0.35 0.00	33.67 -1.29 0.00	36.99 -0.80 0.00	36.53 -1.21 0.00	37.28 -1.88 0.00	37.39 -2.13 0.00	38.38 -2.23 0.00	35.39 -2.06 0.00	34.42 -1.97 0.00	33.54 -2.29 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
ONEIDA_HERK_LFGE 323681	25.65 0.33 0.12	23.77 0.30 0.00	22.55 0.20 0.00	22.21 0.20 0.00	22.34 0.18 0.00	23.74 0.33 0.00	27.32 0.46 0.00	28.75 0.53 0.00	30.27 0.50 -0.10	31.37 0.52 -0.14	33.41 0.49 -0.24	35.48 0.62 -0.17	35.70 0.59 -0.15	38.33 0.64 0.10	38.24 0.64 0.13	39.46 0.78 0.48	40.52 0.83 -0.16	41.72 1.10 -0.01	38.27 0.97 0.14	37.38 0.98 -0.01	36.72 0.86 -0.03	33.84 0.76 -0.04	30.78 0.63 0.00	28.40 0.47 0.00
ONEIDA___115KV_TB4 55905	26.20 0.76 0.00	24.15 0.68 0.00	22.89 0.54 0.00	22.51 0.51 0.00	22.65 0.49 0.00	24.05 0.63 0.00	27.72 0.86 0.00	29.21 0.99 0.00	30.75 0.95 -0.14	31.92 1.01 -0.20	34.09 1.08 -0.32	36.24 1.32 -0.24	36.57 1.26 -0.35	39.57 1.40 -0.38	39.44 1.36 -0.35	40.83 1.33 -0.34	41.22 1.38 -0.31	42.43 1.62 -0.19	39.09 1.46 -0.18	37.75 1.35 -0.01	37.13 1.25 -0.04	34.19 1.09 -0.06	31.11 0.96 0.00	28.71 0.78 0.00
ONONDAGA_REF_OCCRA 23987	25.56 0.13 0.00	23.56 0.09 0.00	22.33 -0.02 0.00	21.92 -0.09 0.00	22.10 -0.07 0.00	23.42 0.00 0.00	26.97 0.11 0.00	28.36 0.14 0.00	30.06 0.09 -0.31	31.30 0.15 -0.43	33.66 0.26 -0.71	35.59 0.38 -0.52	35.97 0.24 -0.76	39.04 0.42 -0.84	38.83 0.34 -0.76	40.17 0.27 -0.75	40.44 0.24 -0.68	41.31 0.28 -0.42	38.04 0.19 -0.40	36.53 0.11 -0.03	36.00 0.07 -0.10	33.10 -0.07 -0.13	30.18 0.03 0.00	27.90 -0.03 0.00
ONONDAGA___COGEN 23986	25.59 0.15 0.00	23.59 0.12 0.00	22.35 0.00 0.00	21.96 -0.04 0.00	22.12 -0.04 0.00	23.44 0.02 0.00	26.99 0.13 0.00	28.39 0.17 0.00	30.23 0.09 -0.48	31.56 0.18 -0.66	34.06 0.29 -1.08	35.90 0.42 -0.80	36.41 0.28 -1.17	39.53 0.45 -1.28	39.27 0.38 -1.16	40.61 0.31 -1.14	40.85 0.28 -1.05	41.54 0.28 -0.64	38.25 0.19 -0.62	36.54 0.11 -0.04	36.05 0.07 -0.15	33.18 -0.07 -0.21	30.18 0.03 0.00	27.90 -0.03 0.00
ONTARIO___LFGE 23819	25.92 0.48 0.00	23.82 0.35 0.00	22.51 0.16 0.00	22.01 0.00 0.00	22.21 0.04 0.00	23.86 0.44 0.00	27.24 0.38 0.00	28.81 0.59 0.00	30.26 0.45 -0.16	31.48 0.55 -0.22	34.00 0.95 -0.36	35.99 1.04 -0.27	35.95 0.59 -0.39	39.20 0.98 -0.43	38.91 0.79 -0.39	40.08 0.55 -0.38	40.38 0.51 -0.35	41.35 0.53 -0.21	38.21 0.56 -0.20	36.88 0.47 -0.01	36.20 0.32 -0.05	33.20 0.10 -0.07	30.48 0.33 0.00	28.13 0.20 0.00
ORANGEVILLE_WT_PWR 323706	25.39 -0.05 0.00	23.33 -0.14 0.00	22.02 -0.33 0.00	21.46 -0.55 0.00	21.65 -0.51 0.00	23.44 0.02 0.00	26.40 -0.46 0.00	27.94 -0.28 0.00	29.18 -0.48 0.00	30.37 -0.34 0.00	32.98 0.29 0.00	35.41 0.73 0.00	34.93 -0.03 0.00	38.32 0.53 0.00	37.92 0.19 0.00	38.92 -0.23 0.00	39.09 -0.43 0.00	40.00 -0.61 0.00	36.89 -0.56 0.00	35.81 -0.58 0.00	34.87 -0.97 0.00	31.71 -1.32 0.00	29.45 -0.69 0.00	27.43 -0.50 0.00
ORANGEVILLE___ESR 323794	25.39 -0.05 0.00	23.33 -0.14 0.00	22.02 -0.33 0.00	21.46 -0.55 0.00	21.65 -0.51 0.00	23.44 0.02 0.00	26.40 -0.46 0.00	27.94 -0.28 0.00	29.18 -0.48 0.00	30.37 -0.34 0.00	32.98 0.29 0.00	35.41 0.73 0.00	34.93 -0.03 0.00	38.32 0.53 0.00	37.92 0.19 0.00	38.92 -0.23 0.00	39.09 -0.43 0.00	40.00 -0.61 0.00	36.89 -0.56 0.00	35.81 -0.58 0.00	34.87 -0.97 0.00	31.71 -1.32 0.00	29.45 -0.69 0.00	27.43 -0.50 0.00
OSWEGATCHIE___HYD 24044	23.71 -0.74 0.99	22.81 -0.66 0.00	21.81 -0.54 0.00	21.55 -0.46 0.00	21.65 -0.51 0.00	22.81 -0.61 0.00	26.29 -0.57 0.00	27.54 -0.68 0.00	29.02 -0.80 -0.16	30.10 -0.83 -0.22	32.04 -1.01 -0.36	33.77 -1.18 -0.27	33.13 -1.29 0.54	33.51 -1.47 2.81	33.42 -1.40 2.92	31.96 -1.33 5.87	37.99 -1.30 0.23	38.57 -1.14 0.91	34.30 -0.97 2.17	35.49 -0.91 -0.01	35.06 -0.82 -0.05	32.31 -0.79 -0.07	29.36 -0.78 0.00	27.18 -0.75 0.00
OSWEGO___5 23606	25.11 -0.33 0.00	23.14 -0.33 0.00	21.97 -0.38 0.00	21.59 -0.42 0.00	21.74 -0.42 0.00	23.11 -0.31 0.00	26.46 -0.40 0.00	27.77 -0.45 0.00	31.10 -0.56 -2.01	32.98 -0.52 -2.80	36.78 -0.46 -4.55	37.63 -0.41 -3.36	39.32 -0.56 -4.92	42.69 -0.49 -5.40	42.05 -0.56 -4.88	43.33 -0.63 -4.81	43.25 -0.67 -4.40	42.63 -0.69 -2.71	39.36 -0.67 -2.59	35.92 -0.65 -0.18	35.74 -0.72 -0.62	33.17 -0.73 -0.86	29.57 -0.57 0.00	27.37 -0.56 0.00

OSWEGO___6 23613	25.11 -0.33 0.00	23.14 -0.33 0.00	21.97 -0.38 0.00	21.59 -0.42 0.00	21.74 -0.42 0.00	23.11 -0.31 0.00	26.46 -0.40 0.00	27.77 -0.45 0.00	31.10 -0.56 -2.01	32.98 -0.52 -2.80	36.78 -0.46 -4.55	37.63 -0.41 -3.36	39.32 -0.56 -4.92	42.69 -0.49 -5.40	42.05 -0.56 -4.88	43.33 -0.63 -4.81	43.25 -0.67 -4.40	42.63 -0.69 -2.71	39.36 -0.67 -2.59	35.92 -0.65 -0.18	35.74 -0.72 -0.62	33.17 -0.73 -0.86	29.57 -0.57 0.00	27.37 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	25.44 0.00 0.00	23.42 -0.05 0.00	22.13 -0.22 0.00	21.55 -0.46 0.00	21.72 -0.44 0.00	23.11 -0.30 0.00	26.35 -0.51 0.00	27.88 -0.34 0.00	29.10 -0.56 0.00	30.31 -0.40 0.00	32.95 0.26 0.00	35.55 0.87 0.00	34.86 -0.10 0.00	38.39 0.60 0.00	37.81 0.08 0.00	38.65 -0.51 0.00	38.81 -0.71 0.00	39.80 -0.81 0.00	37.00 -0.45 0.00	35.74 -0.66 0.00	34.69 -1.15 0.00	31.45 -1.59 0.00	29.36 -0.78 0.00	27.48 -0.45 0.00
OXBOW___BTM 323836	25.23 -0.20 0.00	23.17 -0.31 0.00	21.88 -0.47 0.00	21.30 -0.71 0.00	21.45 -0.71 0.00	23.25 -0.16 0.00	26.00 -0.86 0.00	27.46 -0.76 0.00	28.65 -1.01 0.00	29.85 -0.86 0.00	32.49 -0.19 0.00	34.99 0.31 0.00	34.34 -0.63 0.00	37.75 -0.04 0.00	37.24 -0.49 0.00	38.02 -1.14 0.00	38.18 -1.34 0.00	39.11 -1.50 0.00	36.06 -1.38 0.00	35.01 -1.38 0.00	34.11 -1.72 0.00	30.99 -2.05 0.00	28.97 -1.18 0.00	27.12 -0.81 0.00
OXBOW____ 24026	25.13 -0.31 0.00	23.17 -0.31 0.00	21.88 -0.47 0.00	21.28 -0.73 0.00	21.45 -0.71 0.00	22.81 -0.61 0.00	26.00 -0.86 0.00	27.46 -0.76 0.00	28.65 -1.01 0.00	29.85 -0.86 0.00	32.43 -0.26 0.00	34.99 0.31 0.00	34.34 -0.63 0.00	37.79 0.00 0.00	37.24 -0.49 0.00	38.06 -1.10 0.00	38.18 -1.34 0.00	39.19 -1.42 0.00	36.44 -1.01 0.00	35.23 -1.16 0.00	34.18 -1.65 0.00	30.99 -2.05 0.00	28.97 -1.18 0.00	27.12 -0.81 0.00
OXY_CHEM_DSASP 323612	24.78 -0.66 0.00	22.86 -0.61 0.00	21.59 -0.76 0.00	21.00 -1.01 0.00	21.17 -1.00 0.00	22.50 -0.91 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.81 -0.88 0.00	34.37 -0.31 0.00	33.67 -1.29 0.00	37.03 -0.76 0.00	36.53 -1.21 0.00	37.31 -1.84 0.00	37.43 -2.09 0.00	38.46 -2.15 0.00	35.76 -1.69 0.00	34.64 -1.75 0.00	33.61 -2.22 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
OZONE_PARK_ESR 323760	27.73 2.29 0.00	25.37 1.90 0.00	23.91 1.56 0.00	23.53 1.52 0.00	23.69 1.53 0.00	25.22 1.80 0.00	29.22 2.36 0.00	30.87 2.65 0.00	32.68 3.03 0.00	33.75 3.04 0.00	35.96 3.27 0.00	38.05 3.36 0.00	38.67 3.71 0.00	41.72 3.93 0.00	41.62 3.89 0.00	43.66 4.50 0.00	44.15 4.62 0.00	45.12 4.51 0.00	41.57 4.12 0.00	40.21 3.82 0.00	39.63 3.80 0.00	36.54 3.50 0.00	33.34 3.20 0.00	30.83 2.90 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	24.78 -0.66 0.00	22.86 -0.61 0.00	21.59 -0.76 0.00	21.00 -1.01 0.00	21.17 -1.00 0.00	22.50 -0.91 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.81 -0.88 0.00	34.37 -0.31 0.00	33.67 -1.29 0.00	37.03 -0.76 0.00	36.53 -1.21 0.00	37.31 -1.84 0.00	37.43 -2.09 0.00	38.46 -2.15 0.00	35.76 -1.69 0.00	34.64 -1.75 0.00	33.61 -2.22 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
PACKARD__115KV_DUPONT_184 80571	24.78 -0.66 0.00	22.86 -0.61 0.00	21.59 -0.76 0.00	21.00 -1.01 0.00	21.17 -1.00 0.00	22.50 -0.91 0.00	25.60 -1.26 0.00	26.98 -1.24 0.00	28.15 -1.51 0.00	29.30 -1.41 0.00	31.81 -0.88 0.00	34.37 -0.31 0.00	33.67 -1.29 0.00	37.03 -0.76 0.00	36.53 -1.21 0.00	37.31 -1.84 0.00	37.43 -2.09 0.00	38.46 -2.15 0.00	35.76 -1.69 0.00	34.64 -1.75 0.00	33.61 -2.22 0.00	30.49 -2.54 0.00	28.49 -1.66 0.00	26.73 -1.20 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	27.66 2.21 -0.01	25.31 1.83 -0.01	23.88 1.52 -0.01	23.47 1.45 -0.01	23.63 1.46 -0.01	25.13 1.71 -0.01	29.12 2.26 0.00	30.76 2.54 0.00	32.42 2.76 0.00	33.47 2.76 0.00	35.63 2.94 0.00	37.60 2.91 0.00	38.29 3.32 0.00	41.27 3.48 0.00	41.24 3.51 0.00	43.16 3.99 -0.01	43.64 4.11 -0.01	44.68 4.06 -0.01	41.27 3.82 -0.01	39.93 3.53 -0.01	39.34 3.51 0.00	36.24 3.20 0.00	33.17 3.01 -0.01	30.73 2.79 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	27.94 2.49 -0.01	25.54 2.07 -0.01	24.10 1.74 -0.01	23.69 1.67 -0.01	23.85 1.68 -0.01	25.37 1.94 -0.01	29.33 2.47 0.00	30.96 2.74 0.00	32.63 2.97 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.80 3.12 0.00	38.50 3.53 0.00	41.49 3.70 0.00	41.43 3.70 0.00	43.39 4.23 -0.01	43.88 4.35 -0.01	44.92 4.30 -0.01	41.50 4.04 -0.01	40.18 3.78 -0.01	39.56 3.73 0.00	36.47 3.44 0.00	33.41 3.26 -0.01	30.93 2.99 -0.01
PATROON__115KV_TB1 80586	26.15 0.71 0.00	24.15 0.68 0.00	22.86 0.51 0.00	22.60 0.59 0.00	22.72 0.55 0.00	24.03 0.61 0.00	27.67 0.81 0.00	29.09 0.87 0.00	30.64 0.98 0.00	31.72 1.01 0.00	33.67 0.98 0.00	35.62 0.94 0.00	35.98 1.01 0.00	38.92 1.13 0.00	38.90 1.17 0.00	40.53 1.37 0.00	40.95 1.42 0.00	42.11 1.50 0.00	38.83 1.39 0.00	37.66 1.27 0.00	37.12 1.29 0.00	34.32 1.29 0.00	31.26 1.12 0.00	28.99 1.06 0.00
PATTRSNVILLE___SOLAR 323815	26.73 1.30 0.00	24.67 1.20 0.00	23.31 0.96 0.00	22.98 0.97 0.00	23.11 0.95 0.00	24.59 1.17 0.00	28.28 1.42 0.00	29.69 1.47 0.00	31.17 1.51 0.00	32.18 1.47 0.00	34.16 1.47 0.00	36.21 1.52 0.00	36.50 1.54 0.00	39.49 1.70 0.00	39.47 1.74 0.00	41.11 1.96 0.00	41.66 2.13 0.00	42.96 2.35 0.00	39.65 2.21 0.00	38.61 2.22 0.00	37.98 2.15 0.00	35.09 2.05 0.00	31.93 1.78 0.00	29.55 1.62 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	25.69 0.25 0.00	23.64 0.16 0.00	22.31 -0.04 0.00	21.70 -0.31 0.00	21.92 -0.24 0.00	23.32 -0.09 0.00	26.73 -0.13 0.00	28.25 0.03 0.00	29.45 -0.21 0.00	30.68 -0.03 0.00	33.31 0.62 0.00	35.90 1.21 0.00	35.31 0.35 0.00	38.81 1.02 0.00	38.30 0.57 0.00	39.31 0.16 0.00	39.45 -0.08 0.00	40.41 -0.20 0.00	37.56 0.11 0.00	36.21 -0.18 0.00	35.15 -0.68 0.00	31.95 -1.09 0.00	29.73 -0.42 0.00	27.79 -0.14 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	27.47 2.04 0.00	25.18 1.71 0.00	23.78 1.43 0.00	23.44 1.43 0.00	23.65 1.48 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.48 2.26 0.00	32.24 2.58 0.00	33.41 2.70 0.00	35.53 2.84 0.00	37.63 2.95 0.00	38.18 3.22 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.15 3.99 0.00	43.56 4.03 0.00	44.75 4.14 0.00	41.12 3.67 0.00	39.81 3.42 0.00	39.16 3.33 0.00	36.11 3.07 0.00	32.89 2.74 0.00	30.44 2.51 0.00
PEEKSKILL____ 23653	27.17 1.73 0.00	25.00 1.52 0.00	23.56 1.21 0.00	23.17 1.17 0.00	23.38 1.22 0.00	24.92 1.50 0.00	28.69 1.83 0.00	30.25 2.03 0.00	31.97 2.31 0.00	33.04 2.33 0.00	35.17 2.48 0.00	37.21 2.53 0.00	37.76 2.80 0.00	40.77 2.98 0.00	40.72 2.98 0.00	42.64 3.48 0.00	43.08 3.56 0.00	44.14 3.53 0.00	40.74 3.30 0.00	39.52 3.13 0.00	38.77 2.94 0.00	35.78 2.74 0.00	32.59 2.44 0.00	30.16 2.24 0.00

PGE MADISON___WINDPWR 24146	27.29 1.86 0.00	25.14 1.67 0.00	23.69 1.34 0.00	23.28 1.28 0.00	23.40 1.24 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.65 2.43 0.00	32.10 2.25 -0.19	33.34 2.36 -0.26	35.60 2.48 -0.43	38.09 3.09 -0.32	38.44 3.01 -0.46	41.55 3.25 -0.51	41.37 3.17 -0.46	42.70 3.09 -0.45	43.14 3.20 -0.42	44.52 3.66 -0.26	40.99 3.30 -0.24	39.54 3.13 -0.02	38.61 2.72 -0.06	35.50 2.38 -0.08	32.32 2.17 0.00	29.74 1.81 0.00
PIERCEFIELD___HYD 23852	22.91 -1.04 1.49	22.55 -0.92 0.01	21.70 -0.65 0.00	21.48 -0.53 0.00	21.61 -0.55 0.00	22.74 -0.68 0.00	25.97 -0.89 0.00	27.12 -1.10 0.00	28.53 -1.22 -0.08	29.56 -1.26 -0.11	31.37 -1.50 -0.19	33.05 -1.77 -0.14	31.84 -1.92 1.20	30.94 -2.19 4.66	30.83 -2.11 4.79	27.74 -2.19 9.22	36.57 -2.25 0.70	36.71 -2.31 1.58	31.91 -2.06 3.47	34.57 -1.82 0.00	34.17 -1.68 -0.03	31.49 -1.59 -0.04	28.67 -1.48 0.00	26.64 -1.28 0.00
PINELAWN_CC_1 323563	33.24 2.47 -5.34	28.09 2.21 -2.42	28.76 1.85 -4.56	26.72 1.81 -2.91	27.52 1.84 -3.52	31.66 2.18 -6.07	33.93 2.60 -4.46	33.97 2.88 -2.87	35.74 3.23 -2.84	35.63 3.25 -1.67	37.62 3.14 -1.80	40.65 3.19 -2.78	41.07 3.46 -2.64	41.60 3.78 -0.03	41.47 3.74 0.00	43.35 4.19 0.00	46.32 4.23 -2.56	46.31 4.22 -1.48	41.38 3.93 0.00	40.32 3.93 0.00	39.38 3.55 0.00	36.47 3.44 0.00	34.42 3.38 -0.90	34.15 3.07 -3.15
PJM_GEN_HTP_PROXY 323702	27.37 1.93 0.00	25.14 1.67 0.00	23.69 1.34 0.00	23.31 1.30 0.00	23.49 1.33 0.00	25.13 1.66 -0.05	28.88 2.07 0.05	30.56 2.34 0.00	32.33 2.67 0.00	33.38 2.67 0.00	35.53 2.84 0.00	37.60 2.91 0.00	38.18 3.21 0.00	41.19 3.40 0.00	41.13 3.40 0.00	43.11 3.95 0.00	43.60 4.07 0.00	44.59 3.98 0.00	41.15 3.71 0.00	39.88 3.49 0.00	39.13 3.29 0.00	36.11 3.07 0.00	32.92 2.77 0.00	30.47 2.54 0.00
PJM_GEN_KEystone 24065	26.20 0.76 0.00	24.13 0.66 0.00	22.73 0.38 0.00	22.25 0.24 0.00	22.45 0.29 0.00	24.15 0.68 -0.05	27.40 0.59 0.05	28.98 0.76 0.00	30.46 0.80 0.00	31.54 0.83 0.00	33.80 1.11 0.00	36.00 1.32 0.00	36.08 1.12 0.00	39.19 1.40 0.00	38.98 1.24 0.00	40.56 1.41 0.00	40.87 1.34 0.00	41.87 1.26 0.00	38.72 1.27 0.00	37.59 1.20 0.00	36.73 0.90 0.00	33.76 0.73 0.00	30.99 0.84 0.00	28.71 0.78 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.39 2.09 -2.87	26.62 1.85 -1.30	26.32 1.52 -2.45	25.04 1.47 -1.56	25.56 1.51 -1.89	28.57 1.85 -3.31	31.43 2.23 -2.35	32.25 2.48 -1.54	33.97 2.79 -1.53	34.40 2.79 -0.90	36.63 2.97 -0.97	39.23 3.05 -1.49	39.71 3.32 -1.42	41.39 3.59 -0.01	41.28 3.55 0.00	43.27 4.11 0.00	45.05 4.15 -1.38	45.55 4.14 -0.80	41.30 3.86 0.00	40.06 3.67 0.00	39.20 3.37 0.00	36.24 3.20 0.00	33.53 2.89 -0.48	32.28 2.65 -1.69
PJM_GEN_VFT_PROXY 323633	27.27 1.83 0.00	25.04 1.57 0.00	23.60 1.25 0.00	23.24 1.23 0.00	23.38 1.22 0.00	25.04 1.57 -0.05	28.77 1.96 0.05	30.48 2.26 0.00	32.24 2.58 0.00	33.29 2.58 0.00	35.43 2.75 0.00	37.49 2.81 0.00	38.08 3.11 0.00	41.04 3.25 0.00	40.98 3.25 0.00	42.95 3.80 0.00	43.40 3.88 0.00	44.34 3.73 0.00	41.01 3.56 0.00	39.77 3.38 0.00	39.09 3.26 0.00	36.04 3.01 0.00	32.92 2.77 0.00	30.41 2.48 0.00
PLATSBURG_115KV_PMLD1 355749	23.11 -0.48 1.85	23.06 -0.40 0.01	22.17 -0.18 0.00	22.01 0.00 0.00	22.14 -0.02 0.00	23.35 -0.07 0.00	26.70 -0.16 0.00	28.08 -0.14 0.00	29.45 -0.21 0.00	30.43 -0.28 0.00	32.16 -0.52 0.00	34.13 -0.55 0.00	32.63 -0.59 1.74	31.14 -0.60 6.05	30.79 -0.75 6.19	26.77 -0.70 11.68	37.80 -0.63 1.09	37.90 -0.61 2.10	32.18 -0.82 4.44	35.65 -0.73 0.01	35.26 -0.57 0.00	32.41 -0.63 0.00	29.36 -0.78 0.00	27.18 -0.75 0.00
PLEASANTVLY___LBMP 24000	27.01 1.58 0.00	24.81 1.34 0.00	23.42 1.07 0.00	23.06 1.06 0.00	23.25 1.09 0.00	24.66 1.24 0.00	28.50 1.64 0.00	30.00 1.78 0.00	31.68 2.02 0.00	32.73 2.03 0.00	34.81 2.12 0.00	36.83 2.15 0.00	37.34 2.38 0.00	40.36 2.57 0.00	40.26 2.53 0.00	42.09 2.94 0.00	42.57 3.04 0.00	43.61 3.01 0.00	40.22 2.77 0.00	38.94 2.55 0.00	38.30 2.47 0.00	35.42 2.38 0.00	32.29 2.14 0.00	29.91 1.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.27 1.83 0.00	25.02 1.55 0.00	23.62 1.27 0.00	23.24 1.23 0.00	23.43 1.26 0.00	24.87 1.45 0.00	28.79 1.93 0.00	30.36 2.14 0.00	32.09 2.43 0.00	33.16 2.46 0.00	35.30 2.62 0.00	37.35 2.67 0.00	37.90 2.94 0.00	40.96 3.17 0.00	40.87 3.13 0.00	42.80 3.64 0.00	43.28 3.75 0.00	44.31 3.70 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.88 3.05 0.00	35.88 2.84 0.00	32.71 2.56 0.00	30.28 2.35 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.27 1.83 0.00	25.02 1.55 0.00	23.62 1.27 0.00	23.24 1.23 0.00	23.43 1.26 0.00	24.87 1.45 0.00	28.79 1.93 0.00	30.36 2.14 0.00	32.09 2.43 0.00	33.16 2.46 0.00	35.30 2.62 0.00	37.35 2.67 0.00	37.90 2.94 0.00	40.96 3.17 0.00	40.87 3.13 0.00	42.80 3.64 0.00	43.28 3.75 0.00	44.31 3.70 0.00	40.82 3.37 0.00	39.48 3.09 0.00	38.88 3.05 0.00	35.88 2.84 0.00	32.71 2.56 0.00	30.28 2.35 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.17 1.73 0.00	24.93 1.46 0.00	23.58 1.23 0.00	23.22 1.21 0.00	23.40 1.24 0.00	24.80 1.38 0.00	28.66 1.80 0.00	30.11 1.89 0.00	31.82 2.17 0.00	32.92 2.21 0.00	34.98 2.29 0.00	37.01 2.32 0.00	37.59 2.62 0.00	40.66 2.87 0.00	40.53 2.79 0.00	42.40 3.25 0.00	42.84 3.32 0.00	43.98 3.37 0.00	40.52 3.07 0.00	39.23 2.84 0.00	38.59 2.76 0.00	35.65 2.61 0.00	32.44 2.29 0.00	30.08 2.15 0.00
POLETTI_____ 23519	27.42 1.98 0.00	25.09 1.62 0.00	23.69 1.34 0.00	23.28 1.28 0.00	23.47 1.31 0.00	24.96 1.55 0.00	28.90 2.04 0.00	30.53 2.31 0.00	32.33 2.67 0.00	33.38 2.67 0.00	35.53 2.84 0.00	37.60 2.91 0.00	38.18 3.22 0.00	41.19 3.40 0.00	41.09 3.36 0.00	43.11 3.95 0.00	43.56 4.03 0.00	44.51 3.90 0.00	41.00 3.56 0.00	39.70 3.31 0.00	39.13 3.30 0.00	36.11 3.07 0.00	32.95 2.80 0.00	30.47 2.54 0.00
POMONA___ESR 323819	27.14 1.70 0.00	24.97 1.50 0.00	23.53 1.18 0.00	23.15 1.14 0.00	23.34 1.17 0.00	24.89 1.48 0.00	28.66 1.80 0.00	30.19 1.97 0.00	31.91 2.25 0.00	33.01 2.30 0.00	35.11 2.42 0.00	37.18 2.50 0.00	37.73 2.76 0.00	40.77 2.98 0.00	40.68 2.95 0.00	42.64 3.48 0.00	43.04 3.52 0.00	44.10 3.49 0.00	40.74 3.30 0.00	39.52 3.13 0.00	38.73 2.90 0.00	35.75 2.71 0.00	32.56 2.41 0.00	30.13 2.21 0.00
PORT_JEFF_3 23555	33.20 2.42 -5.34	28.07 2.18 -2.42	28.76 1.85 -4.56	26.72 1.81 -2.91	27.52 1.84 -3.52	31.66 2.18 -6.07	33.90 2.58 -4.46	33.94 2.85 -2.87	35.79 3.29 -2.84	35.67 3.29 -1.67	38.02 3.53 -1.80	41.14 3.67 -2.78	41.57 3.95 -2.65	42.12 4.31 -0.03	41.90 4.15 -0.01	43.98 4.81 -0.01	46.96 4.86 -2.57	46.92 4.83 -1.48	41.99 4.53 -0.01	40.83 4.44 0.00	39.88 4.05 0.00	36.83 3.80 0.00	34.45 3.41 -0.90	34.21 3.13 -3.15

PORT_JEFF_4 23616	33.20 2.42 -5.34	28.07 2.18 -2.42	28.76 1.85 -4.56	26.72 1.81 -2.91	27.52 1.84 -3.52	31.66 2.18 -6.07	33.90 2.58 -4.46	33.94 2.85 -2.87	35.79 3.29 -2.84	35.67 3.29 -1.67	38.02 3.53 -1.80	41.14 3.67 -2.78	41.57 3.95 -2.65	42.12 4.31 -0.03	41.90 4.15 -0.01	43.98 4.81 -0.01	46.96 4.86 -2.57	46.92 4.83 -1.48	41.99 4.53 -0.01	40.83 4.44 0.00	39.88 4.05 0.00	36.83 3.80 0.00	34.45 3.41 -0.90	34.21 3.13 -3.15
PORT_JEFF_IC 23713	33.26 2.49 -5.33	28.04 2.16 -2.41	28.75 1.86 -4.55	26.71 1.80 -2.90	27.54 1.86 -3.52	31.53 2.06 -6.06	33.92 2.61 -4.46	33.96 2.88 -2.87	35.82 3.32 -2.83	35.69 3.32 -1.66	38.07 3.60 -1.79	41.24 3.78 -2.77	41.63 4.02 -2.65	42.12 4.31 -0.02	41.67 3.92 -0.01	43.67 4.50 -0.01	46.64 4.55 -2.57	46.59 4.51 -1.47	41.80 4.34 -0.01	40.25 3.86 0.00	39.31 3.48 0.00	36.67 3.63 0.00	34.42 3.38 -0.89	34.17 3.10 -3.14
PPL PILGRIM_ST_GT1 24216	33.42 2.65 -5.34	28.28 2.40 -2.42	28.94 2.03 -4.56	26.90 1.98 -2.91	27.70 2.02 -3.52	31.87 2.39 -6.07	34.17 2.85 -4.46	34.22 3.13 -2.87	36.00 3.50 -2.84	35.88 3.50 -1.67	38.11 3.63 -1.80	41.28 3.78 -2.81	41.63 4.02 -2.64	42.23 4.42 -0.02	41.92 4.19 0.00	44.01 4.85 0.00	46.99 4.90 -2.56	46.96 4.87 -1.48	41.98 4.53 0.00	40.94 4.55 0.00	39.95 4.12 0.00	36.93 3.90 0.00	34.63 3.59 -0.90	34.37 3.29 -3.15
PPL PILGRIM_ST_GT2 24217	33.42 2.65 -5.34	28.28 2.40 -2.42	28.94 2.03 -4.56	26.90 1.98 -2.91	27.70 2.02 -3.52	31.87 2.39 -6.07	34.17 2.85 -4.46	34.22 3.13 -2.87	36.00 3.50 -2.84	35.88 3.50 -1.67	38.11 3.63 -1.80	41.28 3.78 -2.81	41.63 4.02 -2.64	42.23 4.42 -0.02	41.92 4.19 0.00	44.01 4.85 0.00	46.99 4.90 -2.56	46.96 4.87 -1.48	41.98 4.53 0.00	40.94 4.55 0.00	39.95 4.12 0.00	36.93 3.90 0.00	34.63 3.59 -0.90	34.37 3.29 -3.15
PPL_SHRM_GT3 24213	32.97 2.19 -5.34	27.83 1.95 -2.42	28.56 1.65 -4.56	26.52 1.61 -2.91	27.39 1.71 -3.52	31.45 1.97 -6.07	33.63 2.31 -4.46	33.69 2.59 -2.87	35.56 3.06 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	42.01 4.19 -0.03	41.97 4.23 -0.01	44.10 4.93 -0.01	47.08 4.98 -2.57	47.08 4.99 -1.48	42.06 4.60 -0.01	40.83 4.44 0.00	39.81 3.98 0.00	36.80 3.76 0.00	34.33 3.29 -0.90	34.07 2.99 -3.15
PPL_SHRM_GT4 24214	32.97 2.19 -5.34	27.83 1.95 -2.42	28.56 1.65 -4.56	26.52 1.61 -2.91	27.39 1.71 -3.52	31.45 1.97 -6.07	33.63 2.31 -4.46	33.69 2.59 -2.87	35.56 3.06 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	42.01 4.19 -0.03	41.97 4.23 -0.01	44.10 4.93 -0.01	47.08 4.98 -2.57	47.08 4.99 -1.48	42.06 4.60 -0.01	40.83 4.44 0.00	39.81 3.98 0.00	36.80 3.76 0.00	34.33 3.29 -0.90	34.07 2.99 -3.15
PROJECT___ORANGE 1 24174	25.49 0.05 0.00	23.49 0.02 0.00	22.26 -0.09 0.00	21.88 -0.13 0.00	22.03 -0.13 0.00	23.35 -0.07 0.00	26.89 0.03 0.00	28.28 0.06 0.00	29.92 0.00 -0.26	31.13 0.06 -0.36	33.47 0.20 -0.59	35.43 0.31 -0.43	35.77 0.17 -0.63	38.79 0.30 -0.70	38.55 0.19 -0.63	39.93 0.16 -0.62	40.17 0.08 -0.57	41.04 0.08 -0.35	37.82 0.04 -0.33	36.34 -0.07 -0.02	35.81 -0.11 -0.08	32.95 -0.20 -0.11	30.06 -0.09 0.00	27.79 -0.14 0.00
PROJECT___ORANGE 2 24166	25.49 0.05 0.00	23.49 0.02 0.00	22.26 -0.09 0.00	21.88 -0.13 0.00	22.03 -0.13 0.00	23.35 -0.07 0.00	26.89 0.03 0.00	28.28 0.06 0.00	29.92 0.00 -0.26	31.13 0.06 -0.36	33.47 0.20 -0.59	35.43 0.31 -0.43	35.77 0.17 -0.63	38.79 0.30 -0.70	38.55 0.19 -0.63	39.93 0.16 -0.62	40.17 0.08 -0.57	41.04 0.08 -0.35	37.82 0.04 -0.33	36.34 -0.07 -0.02	35.81 -0.11 -0.08	32.95 -0.20 -0.11	30.06 -0.09 0.00	27.79 -0.14 0.00
PUCKETT___SOLAR 323809	26.28 0.84 0.00	24.20 0.73 0.00	22.86 0.51 0.00	22.40 0.40 0.00	22.61 0.44 0.00	24.17 0.75 0.00	27.69 0.83 0.00	29.23 1.01 0.00	30.75 0.92 -0.17	31.96 1.01 -0.24	34.29 1.21 -0.39	36.43 1.46 -0.29	36.68 1.29 -0.42	39.80 1.55 -0.46	39.63 1.47 -0.42	40.98 1.41 -0.41	41.32 1.42 -0.38	42.35 1.50 -0.23	39.09 1.42 -0.22	37.75 1.35 -0.02	37.03 1.15 -0.05	34.00 0.89 -0.07	31.08 0.94 0.00	28.68 0.75 0.00
PYRITES___HYD 24023	23.25 -0.66 1.53	22.92 -0.54 0.01	22.06 -0.29 0.00	21.83 -0.18 0.00	21.96 -0.20 0.00	23.11 -0.30 0.00	26.43 -0.43 0.00	27.60 -0.62 0.00	28.99 -0.74 -0.08	30.05 -0.77 -0.11	31.81 -1.05 -0.17	33.60 -1.21 -0.13	32.41 -1.29 1.26	31.43 -1.55 4.81	31.31 -1.47 4.95	28.05 -1.61 9.50	37.13 -1.66 0.74	37.35 -1.62 1.64	32.52 -1.35 3.58	35.30 -1.09 0.00	34.89 -0.97 -0.02	32.14 -0.93 -0.03	29.21 -0.93 0.00	27.09 -0.84 0.00
QUAKERRD_115KV_BK1 80622	25.01 -0.43 0.00	23.05 -0.42 0.00	21.79 -0.56 0.00	21.35 -0.66 0.00	21.52 -0.64 0.00	22.83 -0.59 0.00	26.16 -0.70 0.00	27.65 -0.56 0.00	28.92 -0.74 0.00	30.09 -0.61 0.00	32.46 -0.23 0.00	34.72 0.03 0.00	34.44 -0.52 0.00	37.60 -0.19 0.00	37.24 -0.49 0.00	38.45 -0.70 0.00	38.69 -0.83 0.00	39.76 -0.85 0.00	36.73 -0.71 0.00	35.59 -0.80 0.00	34.79 -1.04 0.00	31.78 -1.26 0.00	29.27 -0.87 0.00	27.15 -0.78 0.00
QUEENSBRY_115KV_TB8 356137	27.40 1.96 0.00	25.30 1.83 0.00	23.83 1.48 0.00	23.50 1.50 0.00	23.63 1.46 0.00	25.13 1.71 0.00	29.12 2.26 0.00	30.65 2.43 0.00	32.21 2.55 0.00	33.56 2.86 0.00	35.60 2.91 0.00	37.67 2.98 0.00	37.87 2.90 0.00	41.00 3.21 0.00	41.09 3.36 0.00	42.76 3.60 0.00	43.16 3.64 0.00	44.67 4.06 0.00	41.12 3.67 0.00	39.92 3.53 0.00	39.45 3.62 0.00	36.41 3.37 0.00	33.04 2.89 0.00	30.47 2.54 0.00
RAMAPO___LBMP 323565	27.09 1.65 0.00	24.86 1.38 0.00	23.45 1.10 0.00	23.06 1.06 0.00	23.27 1.11 0.00	24.68 1.26 0.00	28.55 1.69 0.00	30.08 1.86 0.00	31.79 2.14 0.00	32.86 2.15 0.00	34.94 2.26 0.00	37.01 2.32 0.00	37.52 2.55 0.00	40.55 2.76 0.00	40.41 2.68 0.00	42.37 3.21 0.00	42.80 3.28 0.00	43.86 3.25 0.00	40.44 3.00 0.00	39.16 2.77 0.00	38.52 2.69 0.00	35.58 2.54 0.00	32.41 2.26 0.00	30.00 2.07 0.00
RANKINE____ 23646	25.56 0.13 0.00	23.54 0.07 0.00	22.24 -0.11 0.00	21.63 -0.37 0.00	21.83 -0.33 0.00	23.23 -0.19 0.00	26.56 -0.30 0.00	28.11 -0.11 0.00	29.33 -0.33 0.00	30.52 -0.18 0.00	33.18 0.49 0.00	35.76 1.08 0.00	35.14 0.17 0.00	38.66 0.87 0.00	38.11 0.38 0.00	39.04 -0.12 0.00	39.17 -0.36 0.00	40.16 -0.45 0.00	37.33 -0.11 0.00	36.03 -0.36 0.00	34.97 -0.86 0.00	31.75 -1.29 0.00	29.60 -0.54 0.00	27.65 -0.28 0.00
RAVENSWOOD_GT2_1 24244	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.19 4.03 0.00	43.63 4.11 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.14 3.11 0.00	33.01 2.86 0.00	30.53 2.60 0.00

RAVENSWOOD_GT2_2 24245	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.19 4.03 0.00	43.63 4.11 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.14 3.11 0.00	33.01 2.86 0.00	30.53 2.60 0.00
RAVENSWOOD_GT2_3 24246	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.39 2.73 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.19 4.03 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.15 3.71 0.00	39.81 3.42 0.00	39.24 3.40 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.55 2.63 0.00
RAVENSWOOD_GT2_4 24247	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.39 2.73 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.19 4.03 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.15 3.71 0.00	39.81 3.42 0.00	39.24 3.40 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.55 2.63 0.00
RAVENSWOOD_GT3_1 24248	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.19 4.03 0.00	43.63 4.11 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00
RAVENSWOOD_GT3_2 24249	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.19 4.03 0.00	43.63 4.11 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00
RAVENSWOOD_GT3_3 24250	27.52 2.09 0.00	25.18 1.71 0.00	23.76 1.41 0.00	23.37 1.36 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.65 2.43 0.00	32.42 2.76 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.24 3.51 0.00	43.27 4.11 0.00	43.75 4.23 0.00	44.71 4.10 0.00	41.19 3.74 0.00	39.85 3.46 0.00	39.27 3.44 0.00	36.21 3.17 0.00	33.07 2.92 0.00	30.58 2.65 0.00
RAVENSWOOD_GT3_4 24251	27.52 2.09 0.00	25.18 1.71 0.00	23.76 1.41 0.00	23.37 1.36 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.01 2.15 0.00	30.65 2.43 0.00	32.42 2.76 0.00	33.50 2.79 0.00	35.66 2.97 0.00	37.73 3.05 0.00	38.32 3.36 0.00	41.34 3.55 0.00	41.24 3.51 0.00	43.27 4.11 0.00	43.75 4.23 0.00	44.71 4.10 0.00	41.19 3.74 0.00	39.85 3.46 0.00	39.27 3.44 0.00	36.21 3.17 0.00	33.07 2.92 0.00	30.58 2.65 0.00
RAVENSWOOD_GT_1 23729	27.60 2.16 0.00	25.23 1.76 0.00	23.80 1.45 0.00	23.39 1.39 0.00	23.58 1.42 0.00	25.08 1.66 0.00	29.06 2.20 0.00	30.70 2.48 0.00	32.48 2.82 0.00	33.56 2.86 0.00	35.73 3.04 0.00	37.77 3.09 0.00	38.43 3.46 0.00	41.42 3.63 0.00	41.32 3.58 0.00	48.69 4.23 -5.30	48.07 4.31 -4.24	44.86 4.22 -0.02	41.33 3.86 -0.02	40.23 3.57 -0.27	39.39 3.55 -0.01	36.27 3.24 0.00	33.19 3.01 -0.02	30.67 2.74 0.00
RAVENSWOOD_GT_10 24258	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	42.92 4.03 0.27	43.42 4.11 0.21	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00
RAVENSWOOD_GT_11 24259	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	42.92 4.03 0.27	43.42 4.11 0.21	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00
RAVENSWOOD_GT_4 24252	27.45 2.01 0.00	25.14 1.67 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.95 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.56 2.88 0.00	37.67 2.98 0.00	38.22 3.25 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.15 3.99 -0.01	43.64 4.11 -0.01	44.60 3.98 -0.01	41.08 3.63 -0.01	39.93 3.35 -0.20	39.17 3.33 -0.01	36.14 3.11 0.00	32.99 2.83 -0.01	30.50 2.57 0.00
RAVENSWOOD_GT_5 24254	27.45 2.01 0.00	25.14 1.67 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.95 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.56 2.88 0.00	37.67 2.98 0.00	38.22 3.25 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.15 3.99 -0.01	43.64 4.11 -0.01	44.60 3.98 -0.01	41.08 3.63 -0.01	39.93 3.35 -0.20	39.17 3.33 -0.01	36.14 3.11 0.00	32.99 2.83 -0.01	30.50 2.57 0.00
RAVENSWOOD_GT_6 24253	27.45 2.01 0.00	25.14 1.67 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.95 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.56 2.88 0.00	37.67 2.98 0.00	38.22 3.25 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.15 3.99 -0.01	43.64 4.11 -0.01	44.60 3.98 -0.01	41.08 3.63 -0.01	39.93 3.35 -0.20	39.17 3.33 -0.01	36.14 3.11 0.00	32.99 2.83 -0.01	30.50 2.57 0.00
RAVENSWOOD_GT_7 24255	27.45 2.01 0.00	25.14 1.67 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.95 2.10 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.41 2.70 0.00	35.56 2.88 0.00	37.67 2.98 0.00	38.22 3.25 0.00	41.27 3.48 0.00	41.17 3.43 0.00	43.15 3.99 -0.01	43.64 4.11 -0.01	44.60 3.98 -0.01	41.08 3.63 -0.01	39.93 3.35 -0.20	39.17 3.33 -0.01	36.14 3.11 0.00	32.99 2.83 -0.01	30.50 2.57 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	42.92 4.03 0.27	43.42 4.11 0.21	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00

RAVENSWOOD_GT_9 24257	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.27 3.48 0.00	41.17 3.43 0.00	42.92 4.03 0.27	43.42 4.11 0.21	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.20 3.37 0.00	36.17 3.14 0.00	33.01 2.86 0.00	30.53 2.60 0.00
RAVENSWOOD___1 23533	27.52 2.09 0.00	25.25 1.78 0.00	23.78 1.43 0.00	23.40 1.39 0.00	23.56 1.40 0.00	25.17 1.76 0.00	29.03 2.17 0.00	30.70 2.48 0.00	32.48 2.82 0.00	33.53 2.82 0.00	35.69 3.01 0.00	37.74 3.05 0.00	38.39 3.43 0.00	41.38 3.59 0.00	41.32 3.59 0.00	46.02 4.23 -2.63	45.94 4.31 -2.10	44.84 4.22 -0.01	41.38 3.93 -0.01	40.15 3.75 -0.01	39.35 3.51 0.00	36.24 3.20 0.00	33.17 3.01 -0.01	30.64 2.71 0.00
RAVENSWOOD___2 23534	27.45 2.01 0.00	25.18 1.71 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.49 1.33 0.00	25.12 1.71 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.39 2.73 0.00	33.47 2.76 0.00	35.63 2.94 0.00	37.67 2.98 0.00	38.32 3.36 0.00	41.30 3.51 0.00	41.24 3.51 0.00	45.85 4.07 -2.62	45.85 4.23 -2.09	44.76 4.14 -0.01	41.31 3.86 -0.01	40.07 3.67 -0.01	39.27 3.44 0.00	36.18 3.14 0.00	33.08 2.92 -0.01	30.58 2.65 0.00
RAVENSWOOD___3 23535	27.42 1.99 0.00	25.18 1.71 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.12 1.71 0.00	28.98 2.12 0.00	30.59 2.37 0.00	32.36 2.70 0.00	33.44 2.73 0.00	35.60 2.91 0.00	37.67 2.98 0.00	38.25 3.29 0.00	41.26 3.47 0.00	41.20 3.47 0.00	43.19 4.03 0.00	43.63 4.11 0.00	44.63 4.02 0.00	41.23 3.78 0.00	39.96 3.57 0.00	39.24 3.41 0.00	36.18 3.14 0.00	33.01 2.87 0.00	30.53 2.60 0.00
RAVENSWOOD___4 23820	27.50 2.06 0.00	25.23 1.76 0.00	23.76 1.41 0.00	23.37 1.37 0.00	23.54 1.37 0.00	25.15 1.73 0.00	29.03 2.17 0.00	30.67 2.45 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.69 3.01 0.00	37.74 3.05 0.00	38.36 3.39 0.00	41.38 3.59 0.00	41.28 3.55 0.00	43.34 4.19 0.01	43.79 4.27 0.01	44.79 4.18 0.01	41.37 3.93 0.01	39.89 3.75 0.25	39.34 3.51 0.01	36.24 3.20 0.00	33.12 2.99 0.01	30.61 2.68 0.00
RCPI_TRUST___DRP 24196	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.47 2.76 0.00	35.63 2.94 0.00	37.70 3.02 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.19 4.03 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.74 3.35 0.00	39.16 3.33 0.00	36.17 3.14 0.00	32.98 2.83 0.00	30.53 2.60 0.00
RED___ROCHESTER 323720	25.79 0.36 0.00	23.71 0.23 0.00	22.39 0.04 0.00	21.90 -0.11 0.00	22.05 -0.11 0.00	23.70 0.28 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.69 0.03 0.00	30.89 0.19 0.00	33.47 0.78 0.00	35.83 1.14 0.00	35.45 0.49 0.00	38.77 0.98 0.00	38.34 0.60 0.00	39.55 0.39 0.00	39.80 0.28 0.00	40.81 0.20 0.00	37.56 0.11 0.00	36.50 0.11 0.00	35.69 -0.14 0.00	32.54 -0.49 0.00	30.03 -0.12 0.00	27.85 -0.08 0.00
REGAN___SOLAR 323812	28.82 3.38 0.00	26.59 3.12 0.00	24.96 2.61 0.00	24.63 2.62 0.00	24.73 2.57 0.00	26.53 3.11 0.00	30.78 3.92 0.00	32.51 4.29 0.00	34.02 4.36 0.00	35.28 4.58 0.00	37.40 4.71 0.00	39.68 5.00 0.00	39.72 4.75 0.00	42.97 5.18 0.00	43.09 5.36 0.00	44.91 5.76 0.00	45.53 6.01 0.00	47.55 6.94 0.00	43.62 6.18 0.00	42.39 6.00 0.00	41.74 5.91 0.00	38.45 5.42 0.00	34.94 4.79 0.00	32.04 4.11 0.00
RENSSELAER___COGEN 23796	26.00 0.56 0.00	24.06 0.59 0.00	22.75 0.40 0.00	22.47 0.46 0.00	22.61 0.44 0.00	24.00 0.59 0.00	27.53 0.67 0.00	28.92 0.71 0.00	30.43 0.77 0.00	31.48 0.77 0.00	33.41 0.72 0.00	35.34 0.66 0.00	35.73 0.77 0.00	38.66 0.87 0.00	38.60 0.87 0.00	40.21 1.06 0.00	40.63 1.11 0.00	41.83 1.22 0.00	38.57 1.12 0.00	37.48 1.09 0.00	36.83 1.00 0.00	34.09 1.06 0.00	31.05 0.90 0.00	28.80 0.87 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.72 3.28 0.00	26.59 3.12 0.00	24.92 2.57 0.00	24.63 2.62 0.00	24.71 2.55 0.00	26.39 2.97 0.00	30.73 3.87 0.00	32.37 4.15 0.00	33.93 4.27 0.00	35.47 4.76 0.00	37.56 4.87 0.00	39.54 4.86 0.00	39.62 4.65 0.00	42.89 5.10 0.00	43.09 5.36 0.00	44.71 5.56 0.00	45.10 5.57 0.00	46.94 6.34 0.00	43.21 5.77 0.00	42.03 5.64 0.00	41.67 5.84 0.00	38.39 5.35 0.00	34.82 4.67 0.00	31.98 4.05 0.00
REVERE_CPFR_DRP 24186	26.27 0.89 0.05	24.27 0.80 0.00	23.00 0.65 0.00	22.62 0.62 0.00	22.76 0.60 0.00	24.17 0.75 0.00	27.88 1.02 0.00	29.38 1.16 0.00	30.95 1.16 -0.13	32.09 1.20 -0.18	34.23 1.24 -0.30	36.40 1.49 -0.22	36.71 1.47 -0.27	39.56 1.59 -0.18	39.42 1.55 -0.14	40.70 1.57 0.02	41.44 1.66 -0.26	42.68 1.95 -0.12	39.29 1.80 -0.04	38.08 1.67 -0.01	37.41 1.54 -0.04	34.45 1.35 -0.06	31.29 1.15 0.00	28.88 0.95 0.00
REYNOLDS_115KV_TB3 80639	26.28 0.84 0.00	24.27 0.80 0.00	22.98 0.63 0.00	22.67 0.66 0.00	22.81 0.64 0.00	24.14 0.73 0.00	27.77 0.91 0.00	29.18 0.96 0.00	30.70 1.04 0.00	31.75 1.04 0.00	33.70 1.01 0.00	35.62 0.94 0.00	36.01 1.05 0.00	38.96 1.17 0.00	38.90 1.17 0.00	40.53 1.37 0.00	40.95 1.42 0.00	42.11 1.50 0.00	38.83 1.39 0.00	37.63 1.24 0.00	37.09 1.25 0.00	34.36 1.32 0.00	31.29 1.15 0.00	29.05 1.12 0.00
RIVERBAY____ 323610	27.94 2.49 -0.01	25.54 2.07 -0.01	24.10 1.74 -0.01	23.69 1.67 -0.01	23.85 1.68 -0.01	25.37 1.94 -0.01	29.33 2.47 0.00	30.96 2.74 0.00	32.63 2.97 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.80 3.12 0.00	38.50 3.53 0.00	41.49 3.70 0.00	41.43 3.70 0.00	43.39 4.23 -0.01	43.88 4.35 -0.01	44.92 4.30 -0.01	41.50 4.04 -0.01	40.18 3.78 -0.01	39.56 3.73 0.00	36.47 3.44 0.00	33.41 3.26 -0.01	30.93 2.99 -0.01
RIVERSIDE_115KV_TB3 55908	26.12 0.69 0.00	24.13 0.66 0.00	22.84 0.49 0.00	22.58 0.57 0.00	22.69 0.53 0.00	24.00 0.59 0.00	27.64 0.78 0.00	29.04 0.82 0.00	30.55 0.89 0.00	31.63 0.92 0.00	33.57 0.88 0.00	35.51 0.83 0.00	35.91 0.94 0.00	38.81 1.02 0.00	38.79 1.06 0.00	40.41 1.25 0.00	40.83 1.30 0.00	41.99 1.38 0.00	38.76 1.31 0.00	37.55 1.16 0.00	37.01 1.18 0.00	34.26 1.22 0.00	31.20 1.06 0.00	28.96 1.03 0.00
ROARING___BROOK_WT_PWR 323790	21.16 -1.37 2.90	22.19 -1.27 0.01	21.26 -1.09 0.00	21.00 -1.01 0.00	21.14 -1.02 0.00	22.17 -1.24 0.00	25.49 -1.37 0.00	26.81 -1.41 0.00	28.21 -1.45 0.00	29.20 -1.50 0.00	31.05 -1.63 0.00	32.88 -1.80 0.00	30.45 -1.78 2.74	26.28 -2.00 9.50	26.09 -1.92 9.73	18.81 -2.00 18.35	35.84 -1.98 1.71	35.37 -1.95 3.30	28.68 -1.80 6.97	34.63 -1.75 0.01	34.22 -1.61 0.00	31.55 -1.49 0.00	28.85 -1.30 0.00	26.81 -1.12 0.00

ROCHESRG_115KV_T4 355643	25.41 -0.03 0.00	23.42 -0.05 0.00	22.15 -0.20 0.00	21.66 -0.35 0.00	21.83 -0.33 0.00	23.16 -0.26 0.00	26.51 -0.35 0.00	28.02 -0.20 0.00	29.30 -0.36 0.00	30.46 -0.25 0.00	32.92 0.23 0.00	35.27 0.59 0.00	34.93 -0.03 0.00	38.17 0.38 0.00	37.77 0.04 0.00	38.96 -0.20 0.00	39.17 -0.36 0.00	40.24 -0.37 0.00	37.22 -0.22 0.00	36.10 -0.29 0.00	35.22 -0.61 0.00	32.11 -0.93 0.00	29.63 -0.51 0.00	27.54 -0.39 0.00
ROCHESTER_9_IC 23652	25.59 0.15 0.00	23.56 0.09 0.00	22.28 -0.07 0.00	21.79 -0.22 0.00	21.94 -0.22 0.00	23.30 -0.12 0.00	26.67 -0.19 0.00	28.22 0.00 0.00	29.51 -0.15 0.00	30.71 0.00 0.00	33.18 0.49 0.00	35.58 0.90 0.00	35.21 0.24 0.00	38.47 0.68 0.00	38.07 0.34 0.00	39.27 0.12 0.00	39.48 -0.04 0.00	40.57 -0.04 0.00	37.52 0.07 0.00	36.35 -0.04 0.00	35.47 -0.36 0.00	32.34 -0.69 0.00	29.85 -0.30 0.00	27.71 -0.22 0.00
ROCKVIEW_13_KV_LD 356306	27.42 1.98 0.00	25.14 1.67 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	24.99 1.57 0.00	28.95 2.10 0.00	30.56 2.34 0.00	32.30 2.64 0.00	33.38 2.67 0.00	35.53 2.84 0.00	37.63 2.95 0.00	38.18 3.22 0.00	41.27 3.48 0.00	41.13 3.40 0.00	43.11 3.95 0.00	43.60 4.07 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.16 3.33 0.00	36.14 3.11 0.00	32.92 2.77 0.00	30.47 2.54 0.00
ROME____115KV_TB2 80656	26.27 0.89 0.05	24.27 0.80 0.00	23.00 0.65 0.00	22.62 0.62 0.00	22.76 0.60 0.00	24.17 0.75 0.00	27.88 1.02 0.00	29.38 1.16 0.00	30.95 1.16 -0.13	32.09 1.20 -0.18	34.23 1.24 -0.30	36.40 1.49 -0.22	36.71 1.47 -0.27	39.56 1.59 -0.18	39.42 1.55 -0.14	40.70 1.57 0.02	41.44 1.66 -0.26	42.68 1.95 -0.12	39.29 1.80 -0.04	38.08 1.67 -0.01	37.41 1.54 -0.04	34.45 1.35 -0.06	31.29 1.15 0.00	28.88 0.95 0.00
ROSETON___1 23587	26.91 1.47 0.00	24.78 1.31 0.00	23.38 1.03 0.00	23.02 1.01 0.00	23.20 1.04 0.00	24.70 1.29 0.00	28.44 1.58 0.00	29.94 1.72 0.00	31.62 1.96 0.00	32.68 1.97 0.00	34.75 2.06 0.00	36.80 2.12 0.00	37.31 2.34 0.00	40.32 2.53 0.00	40.22 2.49 0.00	42.09 2.94 0.00	42.53 3.00 0.00	43.57 2.96 0.00	40.22 2.77 0.00	39.05 2.66 0.00	38.30 2.47 0.00	35.38 2.35 0.00	32.23 2.08 0.00	29.85 1.93 0.00
ROSETON___2 23588	26.91 1.47 0.00	24.78 1.31 0.00	23.38 1.03 0.00	23.02 1.01 0.00	23.20 1.04 0.00	24.70 1.29 0.00	28.44 1.58 0.00	29.94 1.72 0.00	31.62 1.96 0.00	32.68 1.97 0.00	34.75 2.06 0.00	36.80 2.12 0.00	37.31 2.34 0.00	40.32 2.53 0.00	40.22 2.49 0.00	42.09 2.94 0.00	42.53 3.00 0.00	43.57 2.96 0.00	40.22 2.77 0.00	39.05 2.66 0.00	38.30 2.47 0.00	35.38 2.35 0.00	32.23 2.08 0.00	29.85 1.93 0.00
ROTTTRDAM_115KV_TB3 80664	26.40 0.97 0.00	24.36 0.89 0.00	23.07 0.72 0.00	22.71 0.70 0.00	22.87 0.71 0.00	24.21 0.80 0.00	27.91 1.05 0.00	29.32 1.10 0.00	30.85 1.19 0.00	31.91 1.20 0.00	33.90 1.21 0.00	35.90 1.21 0.00	36.22 1.26 0.00	39.19 1.40 0.00	39.17 1.43 0.00	40.76 1.61 0.00	41.22 1.70 0.00	42.40 1.79 0.00	39.13 1.69 0.00	37.95 1.56 0.00	37.41 1.58 0.00	34.56 1.52 0.00	31.50 1.36 0.00	29.16 1.23 0.00
RUSSELL___1 23602	25.72 0.28 0.00	23.68 0.21 0.00	22.37 0.02 0.00	21.90 -0.11 0.00	22.05 -0.11 0.00	23.42 0.00 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.69 0.03 0.00	30.89 0.18 0.00	33.44 0.75 0.00	35.83 1.14 0.00	35.45 0.49 0.00	38.77 0.98 0.00	38.34 0.60 0.00	39.59 0.43 0.00	39.80 0.28 0.00	40.85 0.24 0.00	37.78 0.34 0.00	36.61 0.22 0.00	35.72 -0.11 0.00	32.54 -0.50 0.00	30.03 -0.12 0.00	27.85 -0.08 0.00
RUSSELL___2 23532	25.72 0.28 0.00	23.68 0.21 0.00	22.37 0.02 0.00	21.90 -0.11 0.00	22.05 -0.11 0.00	23.42 0.00 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.69 0.03 0.00	30.89 0.18 0.00	33.44 0.75 0.00	35.83 1.14 0.00	35.45 0.49 0.00	38.77 0.98 0.00	38.34 0.60 0.00	39.59 0.43 0.00	39.80 0.28 0.00	40.85 0.24 0.00	37.78 0.34 0.00	36.61 0.22 0.00	35.72 -0.11 0.00	32.54 -0.50 0.00	30.03 -0.12 0.00	27.85 -0.08 0.00
RUSSELL___3 23549	25.72 0.28 0.00	23.68 0.21 0.00	22.37 0.02 0.00	21.90 -0.11 0.00	22.05 -0.11 0.00	23.42 0.00 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.69 0.03 0.00	30.89 0.18 0.00	33.44 0.75 0.00	35.83 1.14 0.00	35.45 0.49 0.00	38.77 0.98 0.00	38.34 0.60 0.00	39.59 0.43 0.00	39.80 0.28 0.00	40.85 0.24 0.00	37.78 0.34 0.00	36.61 0.22 0.00	35.72 -0.11 0.00	32.54 -0.50 0.00	30.03 -0.12 0.00	27.85 -0.08 0.00
RUSSELL___4 23556	25.72 0.28 0.00	23.68 0.21 0.00	22.37 0.02 0.00	21.90 -0.11 0.00	22.05 -0.11 0.00	23.42 0.00 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.69 0.03 0.00	30.89 0.18 0.00	33.44 0.75 0.00	35.83 1.14 0.00	35.45 0.49 0.00	38.77 0.98 0.00	38.34 0.60 0.00	39.59 0.43 0.00	39.80 0.28 0.00	40.85 0.24 0.00	37.78 0.34 0.00	36.61 0.22 0.00	35.72 -0.11 0.00	32.54 -0.50 0.00	30.03 -0.12 0.00	27.85 -0.08 0.00
RUSSELL___STATION 23914	25.72 0.28 0.00	23.68 0.21 0.00	22.37 0.02 0.00	21.90 -0.11 0.00	22.05 -0.11 0.00	23.42 0.00 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.69 0.03 0.00	30.89 0.18 0.00	33.44 0.75 0.00	35.83 1.14 0.00	35.45 0.49 0.00	38.77 0.98 0.00	38.34 0.60 0.00	39.59 0.43 0.00	39.80 0.28 0.00	40.85 0.24 0.00	37.78 0.34 0.00	36.61 0.22 0.00	35.72 -0.11 0.00	32.54 -0.50 0.00	30.03 -0.12 0.00	27.85 -0.08 0.00
S SALMON___HYD 24043	25.18 -0.13 0.14	23.33 -0.14 0.00	22.10 -0.25 0.00	21.75 -0.26 0.00	21.90 -0.26 0.00	23.30 -0.12 0.00	26.73 -0.13 0.00	28.02 -0.20 0.00	29.98 -0.30 -0.62	31.32 -0.25 -0.86	33.82 -0.26 -1.40	35.47 -0.24 -1.03	35.96 -0.38 -1.38	38.66 -0.34 -1.21	38.40 -0.38 -1.05	39.39 -0.39 -0.62	40.36 -0.43 -1.27	40.96 -0.33 -0.68	37.58 -0.34 -0.47	36.15 -0.29 -0.06	35.70 -0.32 -0.19	32.97 -0.33 -0.27	29.90 -0.24 0.00	27.62 -0.31 0.00
S.PERRY__115KV_TB1 80734	26.30 0.86 0.00	24.20 0.73 0.00	22.84 0.49 0.00	22.32 0.31 0.00	22.52 0.35 0.00	23.98 0.56 0.00	27.53 0.67 0.00	28.98 0.76 0.00	30.02 0.36 0.00	31.11 0.40 0.00	33.57 0.88 0.00	35.97 1.28 0.00	35.56 0.59 0.00	39.00 1.21 0.00	38.68 0.94 0.00	39.82 0.67 0.00	40.08 0.55 0.00	41.34 0.73 0.00	38.61 1.16 0.00	37.63 1.24 0.00	36.84 1.00 0.00	33.50 0.46 0.00	30.87 0.72 0.00	28.54 0.61 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.31 -0.13 0.00	23.33 -0.14 0.00	22.04 -0.31 0.00	21.44 -0.57 0.00	21.61 -0.55 0.00	22.99 -0.42 0.00	26.24 -0.62 0.00	27.71 -0.51 0.00	28.92 -0.74 0.00	30.09 -0.61 0.00	32.72 0.03 0.00	35.27 0.59 0.00	34.65 -0.31 0.00	38.09 0.30 0.00	37.58 -0.15 0.00	38.45 -0.70 0.00	38.58 -0.95 0.00	39.59 -1.02 0.00	36.81 -0.64 0.00	35.59 -0.80 0.00	34.54 -1.29 0.00	31.35 -1.68 0.00	29.24 -0.90 0.00	27.34 -0.59 0.00

SAWYER___23_KV_LOAD 55526	25.31 -0.13 0.00	23.33 -0.14 0.00	22.04 -0.31 0.00	21.44 -0.57 0.00	21.61 -0.55 0.00	22.99 -0.42 0.00	26.24 -0.62 0.00	27.71 -0.51 0.00	28.92 -0.74 0.00	30.09 -0.61 0.00	32.72 0.03 0.00	35.27 0.59 0.00	34.65 -0.31 0.00	38.09 0.30 0.00	37.58 -0.15 0.00	38.45 -0.70 0.00	38.58 -0.95 0.00	39.59 -1.02 0.00	36.81 -0.64 0.00	35.59 -0.80 0.00	34.54 -1.29 0.00	31.35 -1.68 0.00	29.24 -0.90 0.00	27.34 -0.59 0.00
SELKIRK___I 23801	26.20 0.76 0.00	24.22 0.75 0.00	22.93 0.58 0.00	22.62 0.62 0.00	22.76 0.60 0.00	24.17 0.75 0.00	27.72 0.86 0.00	29.09 0.88 0.00	30.58 0.92 0.00	31.66 0.95 0.00	33.57 0.88 0.00	35.51 0.83 0.00	35.84 0.87 0.00	38.77 0.98 0.00	38.75 1.02 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.99 1.38 0.00	38.76 1.31 0.00	37.66 1.27 0.00	37.09 1.25 0.00	34.29 1.26 0.00	31.23 1.08 0.00	28.96 1.03 0.00
SELKIRK___II 23799	26.10 0.66 0.00	24.10 0.63 0.00	22.82 0.47 0.00	22.51 0.51 0.00	22.65 0.49 0.00	24.05 0.63 0.00	27.58 0.73 0.00	28.98 0.76 0.00	30.49 0.83 0.00	31.57 0.86 0.00	33.51 0.82 0.00	35.48 0.80 0.00	35.84 0.87 0.00	38.77 0.98 0.00	38.71 0.98 0.00	40.33 1.17 0.00	40.75 1.23 0.00	41.91 1.30 0.00	38.68 1.23 0.00	37.59 1.20 0.00	36.94 1.11 0.00	34.16 1.12 0.00	31.11 0.96 0.00	28.85 0.92 0.00
SENECA OSWGO___HYD 24041	25.26 -0.18 0.00	23.28 -0.19 0.00	22.06 -0.29 0.00	21.68 -0.33 0.00	21.83 -0.33 0.00	23.23 -0.19 0.00	26.62 -0.24 0.00	27.94 -0.28 0.00	30.14 -0.39 -0.87	31.58 -0.34 -1.21	34.43 -0.23 -1.96	35.93 -0.21 -1.45	36.70 -0.38 -2.12	39.86 -0.26 -2.33	39.50 -0.34 -2.10	40.80 -0.43 -2.08	40.99 -0.43 -1.90	41.33 -0.45 -1.17	38.12 -0.45 -1.12	36.00 -0.47 -0.08	35.60 -0.50 -0.27	32.85 -0.56 -0.37	29.73 -0.42 0.00	27.48 -0.45 0.00
SENECA___115KV_TB3 355854	25.62 0.18 0.00	23.59 0.12 0.00	22.26 -0.09 0.00	21.68 -0.33 0.00	21.85 -0.31 0.00	23.28 -0.14 0.00	26.62 -0.24 0.00	28.16 -0.06 0.00	29.39 -0.27 0.00	30.59 -0.12 0.00	33.24 0.56 0.00	35.86 1.18 0.00	35.21 0.24 0.00	38.73 0.94 0.00	38.23 0.49 0.00	39.12 -0.04 0.00	39.25 -0.28 0.00	40.24 -0.37 0.00	37.41 -0.04 0.00	36.06 -0.33 0.00	35.04 -0.79 0.00	31.78 -1.26 0.00	29.66 -0.48 0.00	27.71 -0.22 0.00
SENECA___ENERGY 23797	25.64 0.20 0.00	23.61 0.14 0.00	22.33 -0.02 0.00	21.88 -0.13 0.00	22.05 -0.11 0.00	23.60 0.19 0.00	26.99 0.13 0.00	28.50 0.28 0.00	30.15 0.15 -0.34	31.43 0.24 -0.48	33.99 0.52 -0.78	35.88 0.62 -0.58	36.12 0.31 -0.84	39.32 0.60 -0.93	38.99 0.42 -0.84	40.22 0.24 -0.83	40.48 0.20 -0.76	41.28 0.20 -0.47	38.08 0.19 -0.44	36.57 0.15 -0.03	35.94 0.00 -0.11	33.02 -0.16 -0.15	30.18 0.03 0.00	27.85 -0.08 0.00
SHOEMAKER___GT 23640	26.73 1.30 0.00	24.62 1.15 0.00	23.27 0.92 0.00	22.89 0.88 0.00	23.07 0.91 0.00	24.56 1.15 0.00	28.23 1.37 0.00	29.69 1.47 0.00	31.35 1.69 0.00	32.40 1.69 0.00	34.45 1.76 0.00	36.48 1.80 0.00	36.96 1.99 0.00	39.98 2.19 0.00	39.88 2.15 0.00	41.70 2.54 0.00	42.09 2.57 0.00	43.21 2.60 0.00	39.88 2.43 0.00	38.72 2.33 0.00	37.98 2.15 0.00	35.09 2.05 0.00	31.96 1.81 0.00	29.60 1.68 0.00
SHOEMAKR_138KV_BK 111 55601	26.79 1.35 0.00	24.60 1.13 0.00	23.24 0.89 0.00	22.89 0.88 0.00	23.07 0.91 0.00	24.47 1.05 0.00	28.23 1.37 0.00	29.71 1.50 0.00	31.35 1.69 0.00	32.43 1.72 0.00	34.49 1.80 0.00	36.52 1.84 0.00	36.99 2.03 0.00	40.02 2.23 0.00	39.89 2.15 0.00	41.74 2.58 0.00	42.13 2.61 0.00	43.25 2.64 0.00	39.88 2.43 0.00	38.61 2.22 0.00	37.98 2.15 0.00	35.08 2.05 0.00	31.96 1.81 0.00	29.60 1.68 0.00
SHOREHAM_IC_1 23715	32.97 2.19 -5.34	27.83 1.95 -2.42	28.56 1.65 -4.56	26.52 1.61 -2.91	27.39 1.71 -3.52	31.45 1.97 -6.07	33.63 2.31 -4.46	33.69 2.59 -2.87	35.56 3.06 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	42.01 4.19 -0.03	41.97 4.23 -0.01	44.10 4.93 -0.01	47.08 4.98 -2.57	47.08 4.99 -1.48	42.06 4.60 -0.01	40.83 4.44 0.00	39.81 3.98 0.00	36.80 3.76 0.00	34.33 3.29 -0.90	34.07 2.99 -3.15
SHOREHAM_IC_2 23716	32.97 2.19 -5.34	27.83 1.95 -2.42	28.56 1.65 -4.56	26.52 1.61 -2.91	27.39 1.71 -3.52	31.45 1.97 -6.07	33.63 2.31 -4.46	33.69 2.59 -2.87	35.56 3.06 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	42.01 4.19 -0.03	41.97 4.23 -0.01	44.10 4.93 -0.01	47.08 4.98 -2.57	47.08 4.99 -1.48	42.06 4.60 -0.01	40.83 4.44 0.00	39.81 3.98 0.00	36.80 3.76 0.00	34.33 3.29 -0.90	34.07 2.99 -3.15
SISSONVILLE____ 23735	22.91 -1.04 1.49	22.55 -0.92 0.01	21.70 -0.65 0.00	21.48 -0.53 0.00	21.61 -0.55 0.00	22.74 -0.68 0.00	25.97 -0.89 0.00	27.12 -1.10 0.00	28.53 -1.22 -0.08	29.56 -1.26 -0.11	31.37 -1.50 -0.19	33.05 -1.77 -0.14	31.84 -1.92 1.20	30.94 -2.19 4.66	30.83 -2.11 4.79	27.74 -2.19 9.22	36.57 -2.25 0.70	36.71 -2.31 1.58	31.91 -2.06 3.47	34.57 -1.82 0.00	34.17 -1.68 -0.03	31.49 -1.59 -0.04	28.67 -1.48 0.00	26.64 -1.28 0.00
SITHE_IND_GS1 24169	24.93 -0.51 0.00	23.00 -0.47 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.95 -0.47 0.00	26.24 -0.62 0.00	27.51 -0.70 0.00	26.35 -0.80 2.51	26.40 -0.80 3.51	26.23 -0.75 5.71	29.74 -0.73 4.21	27.92 -0.87 6.17	30.19 -0.83 6.77	30.71 -0.91 6.11	32.15 -0.98 6.03	32.98 -1.03 5.52	36.15 -1.06 3.40	33.19 -1.01 3.25	35.18 -0.98 0.23	34.01 -1.04 0.78	30.93 -1.02 1.08	29.30 -0.84 0.00	27.12 -0.81 0.00
SITHE_IND_GS2 24170	24.93 -0.51 0.00	23.00 -0.47 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.95 -0.47 0.00	26.24 -0.62 0.00	27.51 -0.70 0.00	26.35 -0.80 2.51	26.40 -0.80 3.51	26.23 -0.75 5.71	29.74 -0.73 4.21	27.92 -0.87 6.17	30.19 -0.83 6.77	30.71 -0.91 6.11	32.15 -0.98 6.03	32.98 -1.03 5.52	36.15 -1.06 3.40	33.19 -1.01 3.25	35.18 -0.98 0.23	34.01 -1.04 0.78	30.93 -1.02 1.08	29.30 -0.84 0.00	27.12 -0.81 0.00
SITHE_IND_GS3 24171	24.93 -0.51 0.00	23.00 -0.47 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.95 -0.47 0.00	26.24 -0.62 0.00	27.51 -0.70 0.00	26.35 -0.80 2.51	26.40 -0.80 3.51	26.23 -0.75 5.71	29.74 -0.73 4.21	27.92 -0.87 6.17	30.19 -0.83 6.77	30.71 -0.91 6.11	32.15 -0.98 6.03	32.98 -1.03 5.52	36.15 -1.06 3.40	33.19 -1.01 3.25	35.18 -0.98 0.23	34.01 -1.04 0.78	30.93 -1.02 1.08	29.30 -0.84 0.00	27.12 -0.81 0.00
SITHE_IND_GS4 24172	24.93 -0.51 0.00	23.00 -0.47 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.95 -0.47 0.00	26.24 -0.62 0.00	27.51 -0.70 0.00	26.35 -0.80 2.51	26.40 -0.80 3.51	26.23 -0.75 5.71	29.74 -0.73 4.21	27.92 -0.87 6.17	30.19 -0.83 6.77	30.71 -0.91 6.11	32.15 -0.98 6.03	32.98 -1.03 5.52	36.15 -1.06 3.40	33.19 -1.01 3.25	35.18 -0.98 0.23	34.01 -1.04 0.78	30.93 -1.02 1.08	29.30 -0.84 0.00	27.12 -0.81 0.00

SITHE___BATAVIA 24024	26.02 0.59 0.00	23.89 0.42 0.00	22.55 0.20 0.00	22.01 0.00 0.00	22.16 0.00 0.00	23.98 0.56 0.00	26.97 0.11 0.00	28.58 0.37 0.00	29.78 0.12 0.00	30.98 0.28 0.00	33.73 1.05 0.00	36.21 1.52 0.00	35.60 0.63 0.00	39.07 1.29 0.00	38.53 0.79 0.00	39.51 0.35 0.00	39.72 0.20 0.00	40.77 0.16 0.00	37.60 0.15 0.00	36.54 0.15 0.00	35.65 -0.18 0.00	32.41 -0.63 0.00	30.09 -0.06 0.00	28.04 0.11 0.00
SITHE___INDEPEND 23800	24.90 -0.53 0.00	22.98 -0.49 0.00	21.81 -0.54 0.00	21.44 -0.57 0.00	21.59 -0.58 0.00	22.85 -0.56 0.00	26.24 -0.62 0.00	27.51 -0.71 0.00	26.34 -0.80 2.51	26.40 -0.80 3.51	26.23 -0.75 5.71	29.74 -0.73 4.21	27.92 -0.87 6.17	30.19 -0.83 6.77	30.71 -0.91 6.11	32.15 -0.98 6.03	32.98 -1.03 5.52	36.20 -1.02 3.40	33.22 -0.97 3.25	35.18 -0.98 0.23	34.05 -1.00 0.78	30.93 -1.02 1.08	29.30 -0.84 0.00	27.12 -0.81 0.00
SITHE___MASSENA 23902	22.97 -0.66 1.81	22.88 -0.59 0.01	22.04 -0.31 0.00	21.79 -0.22 0.00	21.92 -0.24 0.00	22.85 -0.56 0.00	26.29 -0.57 0.00	27.60 -0.62 0.00	28.98 -0.68 0.00	30.00 -0.71 0.00	31.81 -0.88 0.00	33.71 -0.97 0.00	32.25 -1.02 1.70	30.70 -1.17 5.92	30.55 -1.13 6.06	26.52 -1.21 11.42	37.15 -1.30 1.07	37.18 -1.38 2.05	31.90 -1.20 4.34	35.25 -1.13 0.01	34.90 -0.93 0.00	32.18 -0.86 0.00	29.30 -0.84 0.00	27.18 -0.75 0.00
SITHE___OGDNSBRG 24021	23.24 -0.59 1.61	22.99 -0.47 0.01	22.15 -0.20 0.00	21.90 -0.11 0.00	22.03 -0.13 0.00	23.18 -0.23 0.00	26.46 -0.40 0.00	27.65 -0.56 0.00	28.98 -0.68 0.00	29.97 -0.74 0.00	31.71 -0.98 0.00	33.57 -1.11 0.00	32.25 -1.19 1.52	31.11 -1.40 5.28	31.01 -1.32 5.41	27.51 -1.45 10.20	37.11 -1.46 0.95	37.32 -1.46 1.83	32.37 -1.20 3.88	35.47 -0.91 0.01	35.04 -0.79 0.00	32.28 -0.76 0.00	29.36 -0.78 0.00	27.20 -0.73 0.00
SITHE___STERLING 23777	26.20 0.76 0.00	24.17 0.70 0.00	22.89 0.54 0.00	22.51 0.51 0.00	22.65 0.49 0.00	24.12 0.70 0.00	27.72 0.86 0.00	29.21 0.99 0.00	30.75 0.95 -0.14	31.92 1.01 -0.20	34.09 1.08 -0.32	36.24 1.32 -0.24	36.57 1.26 -0.35	39.57 1.40 -0.38	39.44 1.36 -0.35	40.83 1.33 -0.34	41.22 1.38 -0.31	42.38 1.58 -0.19	39.05 1.42 -0.18	37.79 1.38 -0.01	37.13 1.25 -0.04	34.19 1.09 -0.06	31.11 0.96 0.00	28.71 0.78 0.00
SLEIGHT__34_KV_TB1 80719	25.46 0.03 0.00	23.45 -0.02 0.00	22.19 -0.16 0.00	21.74 -0.26 0.00	21.90 -0.27 0.00	23.25 -0.16 0.00	26.75 -0.11 0.00	28.28 0.06 0.00	29.70 -0.06 -0.10	30.93 0.09 -0.13	33.36 0.46 -0.22	35.57 0.73 -0.16	35.48 0.28 -0.23	38.69 0.64 -0.26	38.34 0.38 -0.23	39.58 0.20 -0.23	39.81 0.08 -0.21	40.82 0.08 -0.13	37.64 0.07 -0.12	36.36 -0.04 -0.01	35.61 -0.25 -0.03	32.55 -0.53 -0.04	29.88 -0.27 0.00	27.65 -0.28 0.00
SOUTH CAIRO___GT 23612	26.76 1.32 0.00	24.71 1.24 0.00	23.45 1.10 0.00	23.22 1.21 0.00	23.32 1.15 0.00	24.66 1.24 0.00	28.36 1.50 0.00	29.55 1.33 0.00	31.11 1.45 0.00	32.21 1.50 0.00	34.03 1.34 0.00	35.97 1.28 0.00	36.43 1.47 0.00	39.53 1.74 0.00	39.47 1.74 0.00	41.11 1.96 0.00	41.54 2.02 0.00	43.13 2.52 0.00	39.81 2.36 0.00	38.68 2.29 0.00	38.16 2.33 0.00	35.25 2.21 0.00	31.96 1.81 0.00	29.69 1.76 0.00
SOUTH HAMPTN___IC 23720	33.45 2.67 -5.34	28.26 2.37 -2.42	28.96 2.05 -4.56	26.92 2.00 -2.91	27.79 2.11 -3.52	31.89 2.41 -6.07	34.14 2.82 -4.46	34.22 3.13 -2.87	36.24 3.74 -2.84	36.16 3.78 -1.67	38.77 4.28 -1.80	41.97 4.51 -2.78	42.37 4.75 -2.65	43.07 5.25 -0.03	43.25 5.51 -0.01	45.39 6.23 -0.01	48.38 6.29 -2.57	48.38 6.29 -1.48	43.22 5.76 -0.01	41.92 5.53 0.00	40.81 4.98 0.00	37.76 4.72 0.00	35.12 4.07 -0.90	34.79 3.72 -3.15
SOUTHDOW_115KV_TB1 355954	25.90 0.46 0.00	23.82 0.35 0.00	22.51 0.16 0.00	21.96 -0.04 0.00	22.21 0.04 0.00	23.77 0.35 0.00	27.42 0.56 0.00	29.29 1.07 0.00	30.64 0.98 0.00	31.97 1.26 0.00	34.75 2.06 0.00	37.28 2.60 0.00	36.64 1.68 0.00	40.28 2.49 0.00	39.70 1.96 0.00	40.72 1.57 0.00	40.75 1.23 0.00	41.54 0.93 0.00	38.64 1.20 0.00	37.08 0.69 0.00	36.01 0.18 0.00	32.67 -0.36 0.00	30.45 0.30 0.00	28.26 0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	33.92 3.15 -5.33	28.62 2.75 -2.41	29.33 2.44 -4.55	27.31 2.40 -2.90	28.18 2.50 -3.52	32.19 2.72 -6.06	34.65 3.33 -4.46	34.75 3.67 -2.87	36.88 4.39 -2.83	36.83 4.45 -1.66	39.64 5.16 -1.79	42.87 5.41 -2.77	43.24 5.63 -2.64	44.01 6.20 -0.02	44.54 6.79 -0.01	46.64 7.48 -0.01	49.80 7.71 -2.56	49.88 7.80 -1.47	44.50 7.04 -0.01	42.69 6.30 0.00	41.49 5.66 0.00	38.72 5.68 0.00	35.98 4.94 -0.89	35.57 4.50 -3.14
SOUTHOLD___IC 23719	33.88 3.10 -5.34	28.65 2.77 -2.42	29.34 2.44 -4.56	27.34 2.42 -2.91	28.19 2.50 -3.52	32.34 2.86 -6.07	34.63 3.30 -4.46	34.76 3.67 -2.87	36.89 4.39 -2.84	36.83 4.45 -1.67	39.65 5.16 -1.80	42.87 5.41 -2.78	43.28 5.66 -2.65	44.05 6.23 -0.03	44.65 6.91 -0.01	46.88 7.71 -0.01	49.92 7.83 -2.57	49.97 7.88 -1.48	44.65 7.19 -0.01	43.23 6.84 0.00	42.00 6.17 0.00	38.88 5.85 0.00	36.02 4.97 -0.90	35.60 4.52 -3.15
SOUTH_FORK_WT_PWR 323839	33.85 3.08 -5.34	28.65 2.77 -2.42	29.34 2.44 -4.56	27.34 2.42 -2.91	28.23 2.55 -3.52	32.34 2.86 -6.07	34.63 3.30 -4.46	34.76 3.67 -2.87	36.92 4.42 -2.84	36.83 4.45 -1.67	39.65 5.16 -1.80	42.84 5.38 -2.78	43.21 5.59 -2.65	43.94 6.12 -0.03	44.88 7.13 -0.01	47.11 7.95 -0.01	50.12 8.02 -2.57	50.21 8.12 -1.48	44.83 7.38 -0.01	43.41 7.02 0.00	42.18 6.34 0.00	39.05 6.01 0.00	36.17 5.13 -0.90	35.74 4.66 -3.15
SPIERFLS_115KV_TB 1 80737	27.22 1.78 0.00	25.16 1.69 0.00	23.69 1.34 0.00	23.37 1.36 0.00	23.49 1.33 0.00	24.96 1.55 0.00	28.93 2.07 0.00	30.45 2.23 0.00	32.00 2.34 0.00	33.32 2.61 0.00	35.34 2.65 0.00	37.39 2.71 0.00	37.62 2.66 0.00	40.74 2.95 0.00	40.83 3.09 0.00	42.44 3.29 0.00	42.88 3.36 0.00	44.35 3.74 0.00	40.82 3.37 0.00	39.63 3.24 0.00	39.16 3.33 0.00	36.14 3.11 0.00	32.83 2.68 0.00	30.28 2.35 0.00
ST LAWRENCE____ 23600	22.78 -0.76 1.89	22.76 -0.70 0.01	21.92 -0.43 0.00	21.63 -0.37 0.00	21.79 -0.38 0.00	22.74 -0.68 0.00	26.11 -0.75 0.00	27.43 -0.79 0.00	28.83 -0.83 0.00	29.82 -0.89 0.00	31.67 -1.01 0.00	33.57 -1.11 0.00	32.09 -1.08 1.79	30.31 -1.28 6.20	30.18 -1.21 6.34	25.81 -1.37 11.97	37.02 -1.38 1.12	37.04 -1.42 2.15	31.59 -1.31 4.55	35.14 -1.24 0.01	34.76 -1.07 0.00	32.05 -0.99 0.00	29.21 -0.93 0.00	27.06 -0.87 0.00
STATE_CA_115KV_115_LB 55624	26.18 0.74 0.00	24.15 0.68 0.00	22.86 0.51 0.00	22.60 0.59 0.00	22.72 0.55 0.00	24.03 0.61 0.00	27.69 0.83 0.00	29.09 0.87 0.00	30.64 0.98 0.00	31.72 1.01 0.00	33.67 0.98 0.00	35.62 0.94 0.00	36.01 1.05 0.00	38.92 1.13 0.00	38.90 1.17 0.00	40.53 1.37 0.00	40.95 1.42 0.00	42.11 1.50 0.00	38.83 1.39 0.00	37.66 1.27 0.00	37.12 1.29 0.00	34.32 1.29 0.00	31.26 1.12 0.00	28.99 1.06 0.00

STATE_ST_34_KV_LOAD 55959	25.79 0.36 0.00	23.78 0.31 0.00	22.51 0.16 0.00	22.07 0.07 0.00	22.25 0.09 0.00	23.60 0.19 0.00	27.24 0.38 0.00	28.73 0.51 0.00	30.47 0.42 -0.40	31.79 0.52 -0.56	34.28 0.69 -0.91	36.18 0.83 -0.67	36.57 0.63 -0.98	39.73 0.87 -1.08	39.46 0.75 -0.97	40.82 0.70 -0.96	41.07 0.67 -0.88	41.84 0.69 -0.54	38.56 0.60 -0.52	36.90 0.47 -0.04	36.35 0.39 -0.12	33.41 0.20 -0.17	30.42 0.27 0.00	28.07 0.14 0.00
STATION 5_MISC_HYD 23604	25.64 0.20 0.00	23.57 0.09 0.00	22.28 -0.07 0.00	21.79 -0.22 0.00	21.94 -0.22 0.00	23.58 0.17 0.00	26.67 -0.19 0.00	28.22 0.00 0.00	29.51 -0.15 0.00	30.71 0.00 0.00	33.21 0.52 0.00	35.55 0.87 0.00	35.21 0.25 0.00	38.47 0.68 0.00	38.07 0.34 0.00	39.23 0.08 0.00	39.48 -0.04 0.00	40.53 -0.08 0.00	37.30 -0.15 0.00	36.25 -0.14 0.00	35.44 -0.39 0.00	32.34 -0.70 0.00	29.85 -0.30 0.00	27.70 -0.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.77 0.33 0.00	23.71 0.23 0.00	22.42 0.07 0.00	21.96 -0.04 0.00	22.14 -0.02 0.00	23.51 0.09 0.00	27.02 0.16 0.00	28.61 0.40 0.00	30.03 0.27 -0.10	31.25 0.40 -0.14	33.77 0.85 -0.23	36.00 1.14 -0.17	35.84 0.63 -0.25	39.12 1.06 -0.27	38.74 0.75 -0.25	39.99 0.59 -0.24	40.22 0.47 -0.22	41.23 0.49 -0.14	38.10 0.52 -0.13	36.76 0.36 -0.01	36.01 0.14 -0.03	32.92 -0.17 -0.04	30.21 0.06 0.00	27.96 0.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.44 0.00 0.00	23.45 -0.02 0.00	22.17 -0.18 0.00	21.68 -0.33 0.00	21.85 -0.31 0.00	23.18 -0.23 0.00	26.59 -0.27 0.00	28.11 -0.11 0.00	29.42 -0.24 0.00	30.62 -0.09 0.00	33.08 0.39 0.00	35.41 0.73 0.00	35.10 0.14 0.00	38.32 0.53 0.00	37.96 0.23 0.00	39.15 0.00 0.00	39.41 -0.12 0.00	40.45 -0.16 0.00	37.41 -0.04 0.00	36.24 -0.15 0.00	35.37 -0.47 0.00	32.24 -0.79 0.00	29.73 -0.42 0.00	27.57 -0.36 0.00
STA_56__34_KV_BUS2 355983	25.44 0.00 0.00	23.45 -0.02 0.00	22.17 -0.18 0.00	21.68 -0.33 0.00	21.85 -0.31 0.00	23.18 -0.23 0.00	26.59 -0.27 0.00	28.11 -0.11 0.00	29.42 -0.24 0.00	30.62 -0.09 0.00	33.08 0.39 0.00	35.41 0.73 0.00	35.10 0.14 0.00	38.32 0.53 0.00	37.96 0.23 0.00	39.15 0.00 0.00	39.41 -0.12 0.00	40.45 -0.16 0.00	37.41 -0.04 0.00	36.24 -0.15 0.00	35.37 -0.47 0.00	32.24 -0.79 0.00	29.73 -0.42 0.00	27.57 -0.36 0.00
STA_67__115KV_BK2 355882	25.51 0.08 0.00	23.52 0.05 0.00	22.22 -0.13 0.00	21.74 -0.26 0.00	21.90 -0.27 0.00	23.25 -0.16 0.00	26.62 -0.24 0.00	28.13 -0.08 0.00	29.42 -0.24 0.00	30.62 -0.09 0.00	33.08 0.39 0.00	35.45 0.76 0.00	35.10 0.14 0.00	38.36 0.57 0.00	37.96 0.23 0.00	39.15 0.00 0.00	39.37 -0.16 0.00	40.45 -0.16 0.00	37.41 -0.04 0.00	36.24 -0.15 0.00	35.37 -0.47 0.00	32.28 -0.76 0.00	29.79 -0.36 0.00	27.62 -0.31 0.00
STA_7__115KV_9TRANS 80674	25.72 0.28 0.00	23.68 0.21 0.00	22.37 0.02 0.00	21.90 -0.11 0.00	22.05 -0.11 0.00	23.42 0.00 0.00	26.81 -0.05 0.00	28.39 0.17 0.00	29.69 0.03 0.00	30.89 0.18 0.00	33.44 0.75 0.00	35.83 1.14 0.00	35.45 0.49 0.00	38.77 0.98 0.00	38.34 0.60 0.00	39.59 0.43 0.00	39.80 0.28 0.00	40.85 0.24 0.00	37.78 0.34 0.00	36.61 0.22 0.00	35.72 -0.11 0.00	32.54 -0.50 0.00	30.03 -0.12 0.00	27.85 -0.08 0.00
STA_82__115KV_TB1 80780	25.51 0.08 0.00	23.52 0.05 0.00	22.24 -0.11 0.00	21.74 -0.26 0.00	21.92 -0.24 0.00	23.25 -0.16 0.00	26.64 -0.21 0.00	28.16 -0.06 0.00	29.45 -0.21 0.00	30.62 -0.09 0.00	33.08 0.39 0.00	35.48 0.80 0.00	35.10 0.14 0.00	38.39 0.60 0.00	38.00 0.26 0.00	39.15 0.00 0.00	39.41 -0.12 0.00	40.45 -0.16 0.00	37.45 0.00 0.00	36.28 -0.11 0.00	35.40 -0.43 0.00	32.28 -0.76 0.00	29.79 -0.36 0.00	27.65 -0.28 0.00
STEEL__WIND 323596	25.67 0.23 0.00	23.59 0.12 0.00	22.26 -0.09 0.00	21.66 -0.35 0.00	21.85 -0.31 0.00	23.70 0.28 0.00	26.59 -0.27 0.00	28.13 -0.08 0.00	29.36 -0.30 0.00	30.56 -0.15 0.00	33.24 0.56 0.00	35.79 1.11 0.00	35.18 0.21 0.00	38.66 0.87 0.00	38.15 0.42 0.00	39.04 -0.12 0.00	39.21 -0.32 0.00	40.12 -0.49 0.00	37.04 -0.41 0.00	35.88 -0.51 0.00	34.94 -0.89 0.00	31.75 -1.29 0.00	29.63 -0.51 0.00	27.68 -0.25 0.00
STEPHTWN_115KV_BK_2 55603	26.30 0.86 0.00	24.27 0.80 0.00	22.98 0.63 0.00	22.69 0.68 0.00	22.81 0.64 0.00	24.14 0.73 0.00	27.83 0.97 0.00	29.26 1.04 0.00	30.79 1.13 0.00	31.91 1.20 0.00	33.86 1.18 0.00	35.83 1.14 0.00	36.19 1.22 0.00	39.15 1.36 0.00	39.13 1.40 0.00	40.76 1.61 0.00	41.18 1.66 0.00	42.44 1.83 0.00	39.09 1.65 0.00	37.92 1.53 0.00	37.37 1.54 0.00	34.56 1.52 0.00	31.47 1.33 0.00	29.16 1.23 0.00
STEUBEN_REC_LFGE 323667	25.97 0.53 0.00	23.75 0.28 0.00	22.42 0.07 0.00	21.85 -0.15 0.00	21.99 -0.18 0.00	23.58 0.16 0.00	27.15 0.30 0.00	28.95 0.73 0.00	30.22 0.42 -0.14	31.43 0.52 -0.20	34.15 1.14 -0.32	36.52 1.60 -0.24	36.26 0.94 -0.35	39.72 1.55 -0.38	39.17 1.09 -0.34	39.34 -0.16 -0.34	39.76 -0.08 -0.31	40.64 -0.16 -0.19	37.55 -0.07 -0.18	36.04 -0.36 -0.01	35.27 -0.61 -0.04	31.97 -1.12 -0.06	29.42 -0.72 0.00	26.98 -0.95 0.00
STILLWATER__SOLAR 323814	27.09 1.65 0.00	25.07 1.60 0.00	23.62 1.27 0.00	23.31 1.30 0.00	23.43 1.26 0.00	24.96 1.55 0.00	28.77 1.91 0.00	30.19 1.97 0.00	31.73 2.08 0.00	32.95 2.24 0.00	34.94 2.25 0.00	36.97 2.29 0.00	37.27 2.31 0.00	40.32 2.53 0.00	40.38 2.64 0.00	42.01 2.86 0.00	42.45 2.92 0.00	43.82 3.21 0.00	40.37 2.92 0.00	39.26 2.87 0.00	38.66 2.83 0.00	35.71 2.67 0.00	32.50 2.35 0.00	30.08 2.15 0.00
STONY__BROOK 24151	33.27 2.49 -5.34	28.12 2.23 -2.42	28.78 1.88 -4.56	26.74 1.83 -2.91	27.57 1.88 -3.52	31.71 2.23 -6.07	33.96 2.63 -4.46	34.03 2.93 -2.87	35.85 3.35 -2.84	35.76 3.38 -1.67	38.18 3.69 -1.80	41.35 3.88 -2.78	41.78 4.16 -2.66	42.39 4.57 -0.03	42.09 4.34 -0.02	44.18 5.01 -0.02	47.16 5.06 -2.58	47.12 5.03 -1.48	42.22 4.76 -0.02	41.05 4.66 0.00	40.02 4.19 0.00	37.00 3.96 0.00	34.57 3.53 -0.90	34.29 3.21 -3.15
STURGEON_POOL_HYD 23609	27.09 1.65 0.00	24.83 1.36 0.00	23.47 1.12 0.00	23.11 1.10 0.00	23.29 1.13 0.00	24.70 1.29 0.00	28.52 1.67 0.00	29.97 1.75 0.00	31.74 2.08 0.00	32.80 2.09 0.00	34.91 2.22 0.00	36.94 2.25 0.00	37.55 2.59 0.00	40.59 2.80 0.00	40.45 2.72 0.00	42.37 3.21 0.00	42.80 3.28 0.00	43.90 3.29 0.00	40.40 2.96 0.00	39.12 2.73 0.00	38.45 2.62 0.00	35.51 2.48 0.00	32.32 2.17 0.00	30.00 2.07 0.00
ST_LAW_115_BK7_LBMP 345037	22.73 -0.84 1.87	22.71 -0.75 0.01	21.88 -0.47 0.00	21.61 -0.40 0.00	21.74 -0.42 0.00	22.69 -0.73 0.00	26.08 -0.78 0.00	27.37 -0.85 0.00	28.77 -0.89 0.00	29.76 -0.95 0.00	31.61 -1.08 0.00	33.50 -1.18 0.00	32.01 -1.19 1.77	30.26 -1.40 6.13	30.14 -1.32 6.28	25.87 -1.45 11.84	36.92 -1.50 1.11	36.94 -1.54 2.13	31.56 -1.38 4.50	35.04 -1.35 0.01	34.68 -1.15 0.00	31.98 -1.06 0.00	29.12 -1.03 0.00	27.01 -0.92 0.00

ST_LAW_115_BK8_LBMP 345038	22.73 -0.84 1.87	22.71 -0.75 0.01	21.88 -0.47 0.00	21.61 -0.40 0.00	21.74 -0.42 0.00	22.69 -0.73 0.00	26.08 -0.78 0.00	27.37 -0.85 0.00	28.77 -0.89 0.00	29.76 -0.95 0.00	31.61 -1.08 0.00	33.50 -1.18 0.00	32.01 -1.19 1.77	30.26 -1.40 6.13	30.14 -1.32 6.28	25.87 -1.45 11.84	36.92 -1.50 1.11	36.94 -1.54 2.13	31.56 -1.38 4.50	35.04 -1.35 0.01	34.68 -1.15 0.00	31.98 -1.06 0.00	29.12 -1.03 0.00	27.01 -0.92 0.00
ST_LAW_230_BK5_LBMP 345035	22.76 -0.76 1.91	22.76 -0.70 0.01	21.92 -0.43 0.00	21.63 -0.37 0.00	21.79 -0.38 0.00	22.74 -0.68 0.00	26.11 -0.75 0.00	27.43 -0.79 0.00	28.83 -0.83 0.00	29.82 -0.89 0.00	31.67 -1.01 0.00	33.57 -1.11 0.00	32.08 -1.08 1.80	30.24 -1.28 6.26	30.12 -1.21 6.41	25.69 -1.37 12.09	37.01 -1.38 1.13	37.02 -1.42 2.17	31.54 -1.31 4.59	35.14 -1.24 0.01	34.76 -1.07 0.00	32.05 -0.99 0.00	29.21 -0.93 0.00	27.06 -0.87 0.00
ST_LAW_230_BK6_LBMP 345036	22.76 -0.76 1.91	22.76 -0.70 0.01	21.92 -0.43 0.00	21.63 -0.37 0.00	21.79 -0.38 0.00	22.74 -0.68 0.00	26.11 -0.75 0.00	27.43 -0.79 0.00	28.83 -0.83 0.00	29.82 -0.89 0.00	31.67 -1.01 0.00	33.57 -1.11 0.00	32.08 -1.08 1.80	30.24 -1.28 6.26	30.12 -1.21 6.41	25.69 -1.37 12.09	37.01 -1.38 1.13	37.02 -1.42 2.17	31.54 -1.31 4.59	35.14 -1.24 0.01	34.76 -1.07 0.00	32.05 -0.99 0.00	29.21 -0.93 0.00	27.06 -0.87 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.96 1.53 0.00	24.74 1.27 0.00	23.38 1.03 0.00	23.00 0.99 0.00	23.18 1.02 0.00	24.59 1.17 0.00	28.42 1.56 0.00	29.91 1.69 0.00	31.62 1.96 0.00	32.67 1.97 0.00	34.75 2.06 0.00	36.80 2.12 0.00	37.31 2.34 0.00	40.36 2.57 0.00	40.23 2.49 0.00	42.13 2.98 0.00	42.57 3.04 0.00	43.66 3.05 0.00	40.22 2.77 0.00	38.94 2.55 0.00	38.30 2.47 0.00	35.38 2.35 0.00	32.23 2.08 0.00	29.86 1.93 0.00
SWANROAD_115KV_TB1 355699	24.90 -0.53 0.00	22.98 -0.49 0.00	21.70 -0.65 0.00	21.11 -0.90 0.00	21.28 -0.89 0.00	22.62 -0.80 0.00	25.76 -1.10 0.00	27.17 -1.04 0.00	28.35 -1.31 0.00	29.51 -1.20 0.00	32.07 -0.62 0.00	34.61 -0.07 0.00	33.92 -1.05 0.00	37.30 -0.49 0.00	36.79 -0.94 0.00	37.63 -1.53 0.00	37.75 -1.78 0.00	38.78 -1.83 0.00	36.06 -1.39 0.00	34.90 -1.49 0.00	33.86 -1.97 0.00	30.72 -2.31 0.00	28.70 -1.45 0.00	26.90 -1.03 0.00
SYNERGY___BIOGAS 323694	26.02 0.59 0.00	23.89 0.42 0.00	22.55 0.20 0.00	22.01 0.00 0.00	22.16 0.00 0.00	23.98 0.56 0.00	26.97 0.11 0.00	28.58 0.37 0.00	29.78 0.12 0.00	30.98 0.28 0.00	33.73 1.05 0.00	36.21 1.52 0.00	35.60 0.63 0.00	39.07 1.29 0.00	38.53 0.79 0.00	39.51 0.35 0.00	39.72 0.20 0.00	40.77 0.16 0.00	37.60 0.15 0.00	36.54 0.15 0.00	35.65 -0.18 0.00	32.41 -0.63 0.00	30.09 -0.06 0.00	28.04 0.11 0.00
SYRACUSE___ENERGY_ST1 323597	25.59 0.15 0.00	23.59 0.12 0.00	22.35 0.00 0.00	21.96 -0.04 0.00	22.12 -0.04 0.00	23.44 0.02 0.00	26.99 0.13 0.00	28.39 0.17 0.00	30.23 0.09 -0.48	31.56 0.18 -0.66	34.06 0.29 -1.08	35.90 0.42 -0.80	36.41 0.28 -1.17	39.53 0.45 -1.28	39.27 0.38 -1.16	40.61 0.31 -1.14	40.85 0.28 -1.05	41.54 0.28 -0.64	38.25 0.19 -0.62	36.54 0.11 -0.04	36.05 0.07 -0.15	33.18 -0.07 -0.21	30.18 0.03 0.00	27.90 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	25.59 0.15 0.00	23.59 0.12 0.00	22.35 0.00 0.00	21.96 -0.04 0.00	22.12 -0.04 0.00	23.44 0.02 0.00	26.99 0.13 0.00	28.39 0.17 0.00	30.23 0.09 -0.48	31.56 0.18 -0.66	34.06 0.29 -1.08	35.90 0.42 -0.80	36.41 0.28 -1.17	39.53 0.45 -1.28	39.27 0.38 -1.16	40.61 0.31 -1.14	40.85 0.28 -1.05	41.54 0.28 -0.64	38.25 0.19 -0.62	36.54 0.11 -0.04	36.05 0.07 -0.15	33.18 -0.07 -0.21	30.18 0.03 0.00	27.90 -0.03 0.00
SYRACUSE___POWER 24017	25.54 0.10 0.00	23.54 0.07 0.00	22.31 -0.04 0.00	21.92 -0.09 0.00	22.07 -0.09 0.00	23.39 -0.02 0.00	26.94 0.08 0.00	28.33 0.11 0.00	30.03 0.06 -0.31	31.27 0.12 -0.44	33.66 0.26 -0.71	35.59 0.38 -0.52	35.98 0.24 -0.77	39.01 0.38 -0.84	38.80 0.30 -0.76	40.18 0.27 -0.75	40.45 0.24 -0.69	41.28 0.24 -0.42	38.04 0.19 -0.40	36.49 0.07 -0.03	35.97 0.04 -0.10	33.11 -0.07 -0.13	30.15 0.00 0.00	27.87 -0.06 0.00
TALLMAN___138KV_BK151 55660	27.17 1.73 0.00	24.93 1.46 0.00	23.51 1.16 0.00	23.13 1.12 0.00	23.32 1.15 0.00	24.75 1.33 0.00	28.63 1.77 0.00	30.19 1.98 0.00	31.91 2.25 0.00	32.98 2.27 0.00	35.07 2.39 0.00	37.14 2.46 0.00	37.69 2.73 0.00	40.70 2.91 0.00	40.60 2.87 0.00	42.56 3.41 0.00	43.00 3.48 0.00	44.06 3.45 0.00	40.63 3.18 0.00	39.30 2.91 0.00	38.66 2.83 0.00	35.71 2.68 0.00	32.53 2.38 0.00	30.11 2.18 0.00
TEALLAVE_115KV_TB7 355573	25.46 0.03 0.00	23.49 0.02 0.00	22.26 -0.09 0.00	21.85 -0.15 0.00	22.03 -0.13 0.00	23.35 -0.07 0.00	26.86 0.00 0.00	28.25 0.03 0.00	29.89 -0.03 -0.26	31.10 0.03 -0.36	33.44 0.16 -0.59	35.39 0.28 -0.43	35.74 0.14 -0.64	38.71 0.23 -0.70	38.52 0.15 -0.63	39.89 0.12 -0.62	40.13 0.04 -0.57	41.00 0.04 -0.35	37.78 0.00 -0.33	36.34 -0.07 -0.02	35.77 -0.14 -0.08	32.92 -0.23 -0.11	30.06 -0.09 0.00	27.79 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	25.54 0.10 0.00	23.52 0.05 0.00	22.22 -0.13 0.00	21.63 -0.37 0.00	21.81 -0.35 0.00	23.21 -0.21 0.00	26.48 -0.38 0.00	28.02 -0.20 0.00	29.24 -0.42 0.00	30.43 -0.28 0.00	33.08 0.39 0.00	35.65 0.97 0.00	35.00 0.03 0.00	38.47 0.68 0.00	37.92 0.19 0.00	38.84 -0.31 0.00	39.01 -0.51 0.00	40.04 -0.57 0.00	37.22 -0.22 0.00	35.99 -0.40 0.00	34.97 -0.86 0.00	31.71 -1.32 0.00	29.54 -0.60 0.00	27.59 -0.34 0.00
TEMPLE___115KV_TB 2 55572	25.49 0.05 0.00	23.49 0.02 0.00	22.26 -0.09 0.00	21.88 -0.13 0.00	22.03 -0.13 0.00	23.35 -0.07 0.00	26.89 0.03 0.00	28.28 0.06 0.00	29.92 0.00 -0.26	31.13 0.06 -0.36	33.47 0.20 -0.59	35.43 0.31 -0.43	35.77 0.17 -0.63	38.79 0.30 -0.70	38.55 0.19 -0.63	39.93 0.16 -0.62	40.17 0.08 -0.57	41.04 0.08 -0.35	37.82 0.04 -0.33	36.34 -0.07 -0.02	35.81 -0.11 -0.08	32.95 -0.20 -0.11	30.06 -0.09 0.00	27.79 -0.14 0.00
TIANA____69_KV_BK 1 55817	33.36 2.59 -5.33	28.13 2.25 -2.41	28.86 1.97 -4.55	26.82 1.91 -2.90	27.70 2.02 -3.52	31.65 2.18 -6.06	34.03 2.71 -4.46	34.10 3.02 -2.87	36.08 3.59 -2.83	36.00 3.62 -1.66	38.56 4.09 -1.79	41.76 4.30 -2.77	42.15 4.55 -2.64	42.76 4.95 -0.02	42.76 5.02 -0.01	44.80 5.64 -0.01	47.94 5.85 -2.56	47.93 5.85 -1.47	42.77 5.32 -0.01	41.12 4.73 0.00	40.06 4.23 0.00	37.36 4.33 0.00	34.87 3.83 -0.89	34.56 3.49 -3.14
TILDEN___115KV_TB1 80814	25.54 0.10 0.00	23.54 0.07 0.00	22.31 -0.04 0.00	21.92 -0.09 0.00	22.07 -0.09 0.00	23.39 -0.02 0.00	26.94 0.08 0.00	28.33 0.11 0.00	30.03 0.06 -0.31	31.27 0.12 -0.44	33.66 0.26 -0.71	35.59 0.38 -0.52	35.98 0.24 -0.77	39.01 0.38 -0.84	38.80 0.30 -0.76	40.18 0.27 -0.75	40.45 0.24 -0.69	41.28 0.24 -0.42	38.04 0.19 -0.40	36.49 0.07 -0.03	35.97 0.04 -0.10	33.11 -0.07 -0.13	30.15 0.00 0.00	27.87 -0.06 0.00

TRIGEN___CC 323695	33.03 2.26 -5.33	27.80 1.92 -2.41	28.53 1.63 -4.55	26.47 1.56 -2.90	27.27 1.60 -3.52	31.30 1.83 -6.06	33.68 2.36 -4.46	33.68 2.60 -2.87	35.43 2.94 -2.83	35.32 2.95 -1.66	37.65 3.17 -1.79	40.75 3.29 -2.77	41.13 3.53 -2.63	41.62 3.78 -0.05	41.43 3.70 0.00	43.38 4.23 0.00	46.47 4.39 -2.55	46.39 4.30 -1.47	41.38 3.93 0.00	39.99 3.60 0.00	39.24 3.40 0.00	36.44 3.40 0.00	34.08 3.04 -0.89	33.86 2.79 -3.14
TRINITY___115KV___4 BK 55933	26.05 0.61 0.00	24.06 0.59 0.00	22.80 0.45 0.00	22.51 0.51 0.00	22.63 0.47 0.00	23.93 0.52 0.00	27.56 0.70 0.00	28.95 0.73 0.00	30.49 0.83 0.00	31.54 0.83 0.00	33.47 0.78 0.00	35.41 0.73 0.00	35.80 0.84 0.00	38.73 0.94 0.00	38.68 0.94 0.00	40.29 1.14 0.00	40.71 1.19 0.00	41.87 1.26 0.00	38.61 1.16 0.00	37.45 1.06 0.00	36.91 1.07 0.00	34.16 1.12 0.00	31.11 0.96 0.00	28.85 0.92 0.00
UNION___PROCESSING_DRP 323587	25.54 0.10 0.00	23.52 0.05 0.00	22.24 -0.11 0.00	21.74 -0.26 0.00	21.92 -0.24 0.00	23.25 -0.16 0.00	26.64 -0.21 0.00	28.16 -0.06 0.00	29.45 -0.21 0.00	30.65 -0.06 0.00	33.11 0.42 0.00	35.48 0.80 0.00	35.14 0.17 0.00	38.39 0.60 0.00	38.00 0.26 0.00	39.19 0.04 0.00	39.41 -0.12 0.00	40.49 -0.12 0.00	37.45 0.00 0.00	36.28 -0.11 0.00	35.40 -0.43 0.00	32.28 -0.76 0.00	29.79 -0.36 0.00	27.65 -0.28 0.00
UPPER HUDSON___HYD 24058	27.22 1.78 0.00	25.18 1.71 0.00	23.69 1.34 0.00	23.37 1.37 0.00	23.49 1.33 0.00	25.05 1.64 0.00	28.96 2.10 0.00	30.45 2.23 0.00	32.00 2.34 0.00	33.32 2.61 0.00	35.33 2.65 0.00	37.39 2.71 0.00	37.62 2.66 0.00	40.74 2.95 0.00	40.79 3.06 0.00	42.48 3.33 0.00	42.88 3.36 0.00	44.39 3.78 0.00	40.85 3.41 0.00	39.74 3.35 0.00	39.17 3.33 0.00	36.14 3.10 0.00	32.83 2.68 0.00	30.28 2.35 0.00
UPPER RAQUET___HYD 24056	22.91 -1.04 1.49	22.53 -0.94 0.01	21.70 -0.65 0.00	21.48 -0.53 0.00	21.61 -0.55 0.00	22.53 -0.89 0.00	25.97 -0.89 0.00	27.12 -1.10 0.00	28.52 -1.22 -0.08	29.56 -1.26 -0.11	31.34 -1.54 -0.19	33.05 -1.77 -0.14	31.84 -1.92 1.20	30.94 -2.19 4.66	30.83 -2.11 4.79	27.74 -2.19 9.22	36.57 -2.25 0.70	36.72 -2.31 1.58	31.95 -2.02 3.47	34.46 -1.93 0.00	34.17 -1.68 -0.03	31.49 -1.59 -0.04	28.67 -1.48 0.00	26.64 -1.28 0.00
VALLEY44_115KV_TB2 355964	25.69 0.25 0.00	23.64 0.16 0.00	22.28 -0.07 0.00	21.66 -0.35 0.00	21.92 -0.24 0.00	23.35 -0.07 0.00	26.78 -0.08 0.00	28.36 0.14 0.00	29.54 -0.12 0.00	30.68 -0.03 0.00	33.24 0.56 0.00	35.72 1.04 0.00	35.17 0.21 0.00	38.62 0.83 0.00	38.15 0.42 0.00	39.27 0.12 0.00	39.41 -0.12 0.00	40.37 -0.24 0.00	37.63 0.19 0.00	36.28 -0.11 0.00	35.26 -0.57 0.00	32.11 -0.93 0.00	29.79 -0.36 0.00	27.71 -0.22 0.00
VALLEY___115KV_TB 1-4 80826	25.17 -0.36 -0.09	23.14 -0.33 0.00	21.95 -0.40 0.00	21.61 -0.40 0.00	21.76 -0.40 0.00	23.04 -0.37 0.00	26.51 -0.35 0.00	27.85 -0.37 0.00	29.27 -0.39 0.00	30.31 -0.40 0.00	32.23 -0.46 0.00	34.20 -0.49 0.00	34.60 -0.45 -0.09	37.56 -0.53 -0.30	37.52 -0.53 -0.31	39.15 -0.59 -0.59	38.99 -0.59 -0.05	40.15 -0.57 -0.11	37.11 -0.56 -0.22	35.77 -0.62 0.00	35.22 -0.61 0.00	32.61 -0.43 0.00	29.73 -0.42 0.00	27.54 -0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.81 1.37 0.00	24.69 1.22 0.00	23.36 1.01 0.00	22.98 0.97 0.00	23.12 0.95 0.00	24.54 1.12 0.00	28.36 1.50 0.00	29.91 1.69 0.00	31.55 1.81 -0.08	32.72 1.90 -0.11	34.83 1.96 -0.18	37.11 2.29 -0.14	37.47 2.31 -0.20	40.50 2.49 -0.22	40.35 2.42 -0.20	41.85 2.51 -0.19	42.27 2.57 -0.18	43.48 2.76 -0.11	40.10 2.55 -0.10	38.76 2.37 -0.01	38.04 2.19 -0.03	35.09 2.02 -0.03	31.93 1.78 0.00	29.52 1.59 0.00
VISCHER___FERRY HYD 24020	26.61 1.17 0.00	24.60 1.13 0.00	23.25 0.89 0.00	22.91 0.90 0.00	23.07 0.91 0.00	24.52 1.10 0.00	28.15 1.29 0.00	29.55 1.33 0.00	31.08 1.42 0.00	32.18 1.47 0.00	34.12 1.44 0.00	36.10 1.42 0.00	36.43 1.47 0.00	39.45 1.66 0.00	39.39 1.66 0.00	41.07 1.92 0.00	41.50 1.98 0.00	42.72 2.11 0.00	39.39 1.95 0.00	38.28 1.89 0.00	37.62 1.79 0.00	34.85 1.82 0.00	31.71 1.57 0.00	29.44 1.51 0.00
V_A_10_SYNC_DSASP 323832	25.16 -0.28 0.00	23.14 -0.33 0.00	21.88 -0.47 0.00	21.30 -0.71 0.00	21.48 -0.69 0.00	23.18 -0.23 0.00	26.03 -0.83 0.00	27.49 -0.73 0.00	28.71 -0.95 0.00	29.85 -0.86 0.00	32.39 -0.29 0.00	34.79 0.10 0.00	34.27 -0.70 0.00	37.53 -0.26 0.00	37.13 -0.61 0.00	38.06 -1.10 0.00	38.22 -1.30 0.00	39.27 -1.34 0.00	36.17 -1.27 0.00	35.19 -1.20 0.00	34.36 -1.47 0.00	31.28 -1.75 0.00	29.06 -1.08 0.00	27.09 -0.84 0.00
V_CMM_10_SYNC_DSASP 323787	22.83 -0.74 1.87	22.81 -0.66 0.01	21.97 -0.38 0.00	21.70 -0.31 0.00	21.83 -0.33 0.00	22.79 -0.63 0.00	26.19 -0.67 0.00	27.49 -0.73 0.00	28.89 -0.77 0.00	29.88 -0.83 0.00	31.74 -0.95 0.00	33.64 -1.04 0.00	32.15 -1.05 1.77	30.41 -1.25 6.13	30.29 -1.17 6.28	26.02 -1.29 11.84	37.08 -1.34 1.11	37.10 -1.38 2.13	31.67 -1.27 4.50	35.18 -1.20 0.01	34.83 -1.00 0.00	32.08 -0.96 0.00	29.24 -0.90 0.00	27.12 -0.81 0.00
V_CMP_10_SYNC_DSASP 323788	23.11 -0.48 1.85	23.04 -0.42 0.01	22.17 -0.18 0.00	22.01 0.00 0.00	22.14 -0.02 0.00	23.16 -0.26 0.00	26.70 -0.16 0.00	28.08 -0.14 0.00	29.45 -0.21 0.00	30.43 -0.28 0.00	32.16 -0.52 0.00	34.13 -0.56 0.00	32.63 -0.59 1.74	31.14 -0.61 6.05	30.79 -0.75 6.19	26.77 -0.70 11.68	37.80 -0.63 1.09	37.90 -0.61 2.10	32.18 -0.82 4.44	35.58 -0.80 0.01	35.26 -0.57 0.00	32.41 -0.63 0.00	29.36 -0.78 0.00	27.18 -0.75 0.00
V_D_10_SYNC_DSASP 323841	22.97 -0.66 1.81	22.88 -0.59 0.01	22.04 -0.31 0.00	21.79 -0.22 0.00	21.92 -0.24 0.00	22.88 -0.54 0.00	26.29 -0.57 0.00	27.60 -0.62 0.00	28.98 -0.68 0.00	30.00 -0.71 0.00	31.84 -0.85 0.00	33.71 -0.97 0.00	32.24 -1.02 1.71	30.69 -1.17 5.93	30.53 -1.13 6.07	26.49 -1.21 11.45	37.19 -1.27 1.07	37.21 -1.34 2.06	31.89 -1.20 4.35	35.25 -1.13 0.01	34.94 -0.89 0.00	32.18 -0.86 0.00	29.30 -0.84 0.00	27.18 -0.75 0.00
V_E_10_SYNC_DSASP 323830	27.29 1.86 0.00	25.14 1.67 0.00	23.69 1.34 0.00	23.28 1.28 0.00	23.40 1.24 0.00	25.10 1.69 0.00	28.96 2.10 0.00	30.65 2.43 0.00	32.10 2.25 -0.19	33.34 2.36 -0.26	35.60 2.48 -0.43	38.09 3.09 -0.32	38.44 3.01 -0.46	41.55 3.25 -0.51	41.37 3.17 -0.46	42.70 3.09 -0.45	43.14 3.20 -0.42	44.52 3.66 -0.26	40.99 3.30 -0.24	39.54 3.13 -0.02	38.61 2.72 -0.06	35.50 2.38 -0.08	32.32 2.17 0.00	29.74 1.81 0.00
V_F_30_NSYNC___DSASP 323816	27.14 1.70 0.00	25.11 1.64 0.00	23.67 1.32 0.00	23.35 1.34 0.00	23.47 1.31 0.00	25.01 1.59 0.00	28.82 1.96 0.00	30.28 2.06 0.00	31.82 2.16 0.00	33.04 2.33 0.00	35.04 2.35 0.00	37.07 2.39 0.00	37.38 2.41 0.00	40.43 2.64 0.00	40.49 2.75 0.00	42.13 2.97 0.00	42.57 3.04 0.00	43.94 3.33 0.00	40.48 3.03 0.00	39.37 2.98 0.00	38.77 2.94 0.00	35.81 2.78 0.00	32.59 2.44 0.00	30.13 2.21 0.00

V_F_30_SYNC_DSASP 323786	26.15 0.71 0.00	24.15 0.68 0.00	22.86 0.51 0.00	22.60 0.59 0.00	22.72 0.55 0.00	24.03 0.61 0.00	27.67 0.81 0.00	29.09 0.87 0.00	30.64 0.98 0.00	31.72 1.01 0.00	33.67 0.98 0.00	35.62 0.94 0.00	35.98 1.01 0.00	38.92 1.13 0.00	38.90 1.17 0.00	40.53 1.37 0.00	40.95 1.42 0.00	42.11 1.50 0.00	38.83 1.39 0.00	37.66 1.27 0.00	37.12 1.29 0.00	34.32 1.29 0.00	31.26 1.12 0.00	28.99 1.06 0.00
V_XM_10_SYNC_DSASP 323789	23.11 -0.48 1.85	23.04 -0.42 0.01	22.17 -0.18 0.00	22.01 0.00 0.00	22.14 -0.02 0.00	23.16 -0.26 0.00	26.70 -0.16 0.00	28.08 -0.14 0.00	29.45 -0.21 0.00	30.43 -0.28 0.00	32.16 -0.52 0.00	34.13 -0.56 0.00	32.63 -0.59 1.74	31.14 -0.61 6.05	30.79 -0.75 6.19	26.77 -0.70 11.68	37.80 -0.63 1.09	37.90 -0.61 2.10	32.18 -0.82 4.44	35.58 -0.80 0.01	35.26 -0.57 0.00	32.41 -0.63 0.00	29.36 -0.78 0.00	27.18 -0.75 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.24 1.81 0.00	24.97 1.50 0.00	23.58 1.23 0.00	23.20 1.19 0.00	23.38 1.22 0.00	24.82 1.40 0.00	28.71 1.85 0.00	30.25 2.03 0.00	32.00 2.34 0.00	33.07 2.36 0.00	35.17 2.48 0.00	37.25 2.57 0.00	37.80 2.83 0.00	40.85 3.06 0.00	40.72 2.98 0.00	42.72 3.56 0.00	43.12 3.60 0.00	44.18 3.57 0.00	40.74 3.30 0.00	39.41 3.02 0.00	38.77 2.94 0.00	35.81 2.78 0.00	32.62 2.47 0.00	30.19 2.26 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.47 2.04 0.00	25.16 1.69 0.00	23.74 1.39 0.00	23.35 1.34 0.00	23.51 1.35 0.00	25.01 1.59 0.00	28.98 2.12 0.00	30.62 2.40 0.00	32.42 2.76 0.00	33.47 2.76 0.00	35.63 2.94 0.00	37.70 3.02 0.00	38.29 3.32 0.00	41.30 3.51 0.00	41.21 3.47 0.00	43.19 4.03 0.00	43.67 4.15 0.00	44.63 4.02 0.00	41.12 3.67 0.00	39.77 3.38 0.00	39.16 3.33 0.00	36.17 3.14 0.00	32.98 2.83 0.00	30.53 2.60 0.00
W50THST__13_KV_LOAD 356117	27.60 2.16 0.00	25.28 1.81 0.00	23.85 1.50 0.00	23.46 1.45 0.00	23.65 1.48 0.00	25.15 1.73 0.00	29.17 2.31 0.00	30.82 2.60 0.00	32.63 2.97 0.00	33.69 2.98 0.00	35.89 3.20 0.00	37.98 3.29 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	43.46 4.31 0.00	43.95 4.43 0.00	44.87 4.26 0.00	41.34 3.89 0.00	39.96 3.57 0.00	39.38 3.55 0.00	36.37 3.34 0.00	33.13 2.98 0.00	30.67 2.74 0.00
WADING RIVER_IC_1 23522	32.94 2.16 -5.34	27.81 1.93 -2.42	28.52 1.61 -4.56	26.50 1.59 -2.91	27.37 1.68 -3.52	31.42 1.94 -6.07	33.61 2.28 -4.46	33.66 2.57 -2.87	35.53 3.03 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	42.01 4.19 -0.03	41.93 4.19 -0.01	44.06 4.89 -0.01	47.04 4.94 -2.57	47.04 4.95 -1.48	42.02 4.57 -0.01	40.79 4.40 0.00	39.77 3.94 0.00	36.77 3.73 0.00	34.30 3.26 -0.90	34.04 2.96 -3.15
WADING RIVER_IC_2 23547	32.94 2.16 -5.34	27.81 1.93 -2.42	28.52 1.61 -4.56	26.50 1.59 -2.91	27.37 1.68 -3.52	31.42 1.94 -6.07	33.61 2.28 -4.46	33.66 2.57 -2.87	35.53 3.03 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	42.01 4.19 -0.03	41.93 4.19 -0.01	44.06 4.89 -0.01	47.04 4.94 -2.57	47.04 4.95 -1.48	42.02 4.57 -0.01	40.79 4.40 0.00	39.77 3.94 0.00	36.77 3.73 0.00	34.30 3.26 -0.90	34.04 2.96 -3.15
WADING RIVER_IC_3 23601	32.94 2.16 -5.34	27.81 1.93 -2.42	28.52 1.61 -4.56	26.50 1.59 -2.91	27.37 1.68 -3.52	31.42 1.94 -6.07	33.61 2.28 -4.46	33.66 2.57 -2.87	35.53 3.03 -2.84	35.42 3.04 -1.67	37.85 3.37 -1.80	40.97 3.50 -2.78	41.43 3.81 -2.65	42.01 4.19 -0.03	41.93 4.19 -0.01	44.06 4.89 -0.01	47.04 4.94 -2.57	47.04 4.95 -1.48	42.02 4.57 -0.01	40.79 4.40 0.00	39.77 3.94 0.00	36.77 3.73 0.00	34.30 3.26 -0.90	34.04 2.96 -3.15
WALDENNY_12_KV_BK2 80841	25.59 0.15 0.00	23.56 0.09 0.00	22.26 -0.09 0.00	21.68 -0.33 0.00	21.85 -0.31 0.00	23.25 -0.16 0.00	26.59 -0.27 0.00	28.16 -0.06 0.00	29.39 -0.27 0.00	30.62 -0.09 0.00	33.28 0.59 0.00	35.90 1.21 0.00	35.24 0.28 0.00	38.77 0.98 0.00	38.23 0.49 0.00	39.15 0.00 0.00	39.25 -0.28 0.00	40.24 -0.37 0.00	37.41 -0.04 0.00	36.06 -0.33 0.00	35.04 -0.79 0.00	31.78 -1.26 0.00	29.63 -0.51 0.00	27.68 -0.25 0.00
WALDEN__HYDRO 24148	27.09 1.65 0.00	24.86 1.38 0.00	23.49 1.14 0.00	23.11 1.10 0.00	23.29 1.13 0.00	24.70 1.29 0.00	28.55 1.69 0.00	30.03 1.81 0.00	31.74 2.08 0.00	32.80 2.09 0.00	34.88 2.19 0.00	36.94 2.25 0.00	37.48 2.52 0.00	40.51 2.72 0.00	40.41 2.68 0.00	42.33 3.17 0.00	42.73 3.20 0.00	43.86 3.25 0.00	40.40 2.96 0.00	39.12 2.73 0.00	38.48 2.65 0.00	35.55 2.51 0.00	32.35 2.20 0.00	29.97 2.04 0.00
WARRENSBURG____ 23737	27.22 1.78 0.00	25.18 1.71 0.00	23.69 1.34 0.00	23.37 1.37 0.00	23.49 1.33 0.00	25.05 1.64 0.00	28.96 2.10 0.00	30.45 2.23 0.00	32.00 2.34 0.00	33.32 2.61 0.00	35.33 2.65 0.00	37.39 2.71 0.00	37.62 2.66 0.00	40.74 2.95 0.00	40.79 3.06 0.00	42.48 3.33 0.00	42.88 3.36 0.00	44.39 3.78 0.00	40.85 3.41 0.00	39.74 3.35 0.00	39.17 3.33 0.00	36.14 3.10 0.00	32.83 2.68 0.00	30.28 2.35 0.00
WATERSIDE____6 8 9 23538	27.55 2.11 0.00	25.18 1.71 0.00	23.76 1.41 0.00	23.37 1.36 0.00	23.54 1.37 0.00	25.03 1.62 0.00	29.04 2.18 0.00	30.67 2.46 0.00	32.45 2.79 0.00	33.50 2.79 0.00	35.70 3.01 0.00	37.73 3.05 0.00	38.36 3.39 0.00	41.34 3.55 0.00	41.28 3.55 0.00	43.30 4.15 0.01	43.79 4.27 0.01	44.78 4.18 0.01	41.26 3.82 0.01	39.70 3.57 0.25	39.34 3.51 0.01	36.24 3.20 0.00	33.12 2.98 0.01	30.61 2.68 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.45 -0.08 -0.09	23.40 -0.07 0.00	22.22 -0.13 0.00	21.88 -0.13 0.00	22.01 -0.16 0.00	23.30 -0.12 0.00	26.78 -0.08 0.00	28.13 -0.08 0.00	29.57 -0.09 0.00	30.62 -0.09 0.00	32.59 -0.10 0.00	34.54 -0.14 0.00	34.95 -0.10 -0.09	37.98 -0.11 -0.30	37.93 -0.11 -0.31	39.62 -0.12 -0.59	39.46 -0.12 -0.05	40.63 -0.12 -0.11	37.59 -0.07 -0.22	36.28 -0.11 0.00	35.69 -0.14 0.00	32.97 -0.07 0.00	30.09 -0.06 0.00	27.85 -0.08 0.00
WATSON____69_KV_BK 1 55734	33.64 2.87 -5.33	28.39 2.51 -2.41	29.07 2.17 -4.55	27.02 2.11 -2.90	27.85 2.17 -3.52	31.89 2.41 -6.06	34.32 3.01 -4.46	34.39 3.30 -2.87	36.26 3.77 -2.83	36.18 3.81 -1.66	38.56 4.09 -1.79	41.77 4.30 -2.79	42.15 4.55 -2.64	42.76 4.95 -0.02	42.49 4.75 -0.01	44.52 5.36 -0.01	47.66 5.57 -2.56	47.60 5.52 -1.47	42.51 5.06 -0.01	40.94 4.55 0.00	40.02 4.19 0.00	37.30 4.26 0.00	34.93 3.89 -0.89	34.65 3.57 -3.14
WDELAWARE__HYD 323627	27.14 1.70 0.00	24.95 1.48 0.00	23.58 1.23 0.00	23.22 1.21 0.00	23.38 1.22 0.00	24.92 1.50 0.00	28.63 1.77 0.00	30.05 1.83 0.00	31.80 2.14 0.00	32.89 2.18 0.00	34.98 2.29 0.00	37.07 2.39 0.00	37.66 2.69 0.00	40.74 2.95 0.00	40.60 2.87 0.00	42.52 3.37 0.00	42.92 3.40 0.00	44.18 3.57 0.00	40.78 3.33 0.00	39.55 3.16 0.00	38.70 2.87 0.00	35.68 2.64 0.00	32.44 2.29 0.00	30.08 2.15 0.00

WEST BABYLON___IC 23714	33.57 2.80 -5.33	28.30 2.42 -2.41	29.00 2.10 -4.55	26.93 2.02 -2.90	27.76 2.08 -3.52	31.79 2.32 -6.06	34.22 2.90 -4.46	34.27 3.19 -2.87	36.11 3.62 -2.83	36.03 3.65 -1.66	38.33 3.86 -1.79	41.48 4.02 -2.78	41.87 4.27 -2.64	42.46 4.65 -0.02	42.23 4.49 0.00	44.25 5.09 0.00	47.34 5.26 -2.56	47.28 5.20 -1.47	42.24 4.79 0.00	40.68 4.29 0.00	39.85 4.01 0.00	37.10 4.06 0.00	34.78 3.74 -0.89	34.51 3.44 -3.14
WEST CANADA___HYD 24049	25.71 0.18 -0.09	23.64 0.17 0.00	22.44 0.09 0.00	22.10 0.09 0.00	22.25 0.09 0.00	23.58 0.17 0.00	27.05 0.19 0.00	28.42 0.20 0.00	29.87 0.21 0.00	30.92 0.22 0.00	32.92 0.23 0.00	34.93 0.24 0.00	35.33 0.28 -0.09	38.39 0.30 -0.30	38.35 0.30 -0.31	40.09 0.35 -0.59	39.93 0.35 -0.05	41.12 0.41 -0.11	38.04 0.37 -0.22	36.72 0.33 0.00	36.12 0.29 0.00	33.33 0.30 0.00	30.39 0.24 0.00	28.15 0.22 0.00
WESTERN_NY_WIND 24143	25.90 0.46 0.00	23.85 0.38 0.00	22.51 0.16 0.00	21.96 -0.04 0.00	22.14 -0.02 0.00	23.56 0.14 0.00	26.91 0.05 0.00	28.53 0.31 0.00	29.75 0.09 0.00	30.92 0.21 0.00	33.64 0.95 0.00	36.17 1.49 0.00	35.52 0.56 0.00	39.04 1.25 0.00	38.49 0.75 0.00	39.47 0.31 0.00	39.64 0.12 0.00	40.77 0.16 0.00	37.86 0.41 0.00	36.64 0.25 0.00	35.65 -0.18 0.00	32.34 -0.69 0.00	30.06 -0.09 0.00	27.98 0.06 0.00
WESTOVER___LESR 323668	25.95 0.51 0.00	23.89 0.42 0.00	22.60 0.25 0.00	22.14 0.13 0.00	22.34 0.18 0.00	23.70 0.28 0.00	27.29 0.43 0.00	28.78 0.56 0.00	30.34 0.50 -0.18	31.51 0.55 -0.25	33.88 0.78 -0.41	35.99 1.01 -0.30	36.17 0.77 -0.44	39.33 1.06 -0.48	39.11 0.94 -0.43	40.52 0.94 -0.43	40.79 0.87 -0.39	41.70 0.85 -0.24	38.54 0.86 -0.23	37.13 0.73 -0.02	36.46 0.57 -0.06	33.48 0.36 -0.08	30.63 0.48 0.00	28.32 0.39 0.00
WETHRSFD_WT_PWR 323626	25.39 -0.05 0.00	23.33 -0.14 0.00	22.02 -0.33 0.00	21.46 -0.55 0.00	21.65 -0.51 0.00	23.44 0.02 0.00	26.40 -0.46 0.00	27.94 -0.28 0.00	29.22 -0.44 0.00	30.40 -0.31 0.00	32.98 0.29 0.00	35.41 0.73 0.00	34.97 0.00 0.00	38.36 0.57 0.00	37.96 0.23 0.00	38.92 -0.23 0.00	39.13 -0.40 0.00	40.00 -0.61 0.00	36.92 -0.52 0.00	35.81 -0.58 0.00	34.90 -0.93 0.00	31.75 -1.29 0.00	29.48 -0.66 0.00	27.45 -0.47 0.00
WHAVSTOR_138KV_BK127 55557	27.14 1.70 0.00	24.90 1.43 0.00	23.51 1.16 0.00	23.11 1.10 0.00	23.32 1.15 0.00	24.75 1.33 0.00	28.61 1.75 0.00	30.17 1.95 0.00	31.88 2.22 0.00	32.95 2.24 0.00	35.04 2.35 0.00	37.11 2.43 0.00	37.62 2.66 0.00	40.66 2.87 0.00	40.57 2.83 0.00	42.52 3.37 0.00	42.96 3.44 0.00	43.98 3.37 0.00	40.59 3.15 0.00	39.26 2.87 0.00	38.63 2.79 0.00	35.68 2.64 0.00	32.50 2.35 0.00	30.08 2.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.14 1.70 0.00	24.90 1.43 0.00	23.51 1.16 0.00	23.11 1.10 0.00	23.32 1.15 0.00	24.75 1.33 0.00	28.61 1.75 0.00	30.17 1.95 0.00	31.88 2.22 0.00	32.95 2.24 0.00	35.04 2.35 0.00	37.11 2.43 0.00	37.62 2.66 0.00	40.66 2.87 0.00	40.57 2.83 0.00	42.52 3.37 0.00	42.96 3.44 0.00	43.98 3.37 0.00	40.59 3.15 0.00	39.26 2.87 0.00	38.63 2.79 0.00	35.68 2.64 0.00	32.50 2.35 0.00	30.08 2.15 0.00
WHITEHAL_115KV_TB1 80871	27.80 2.37 0.00	25.70 2.23 0.00	24.16 1.81 0.00	23.86 1.85 0.00	23.96 1.80 0.00	25.52 2.11 0.00	29.63 2.77 0.00	31.18 2.96 0.00	32.74 3.08 0.00	34.12 3.41 0.00	36.15 3.46 0.00	38.15 3.47 0.00	38.36 3.39 0.00	41.53 3.74 0.00	41.62 3.89 0.00	43.27 4.11 0.00	43.71 4.19 0.00	45.36 4.75 0.00	41.75 4.31 0.00	40.57 4.18 0.00	40.17 4.34 0.00	37.03 4.00 0.00	33.58 3.44 0.00	30.95 3.02 0.00
WHITEPLN_13_KV_LOAD 356215	27.57 2.14 0.00	25.28 1.81 0.00	23.87 1.52 0.00	23.46 1.45 0.00	23.65 1.48 0.00	25.13 1.71 0.00	29.14 2.28 0.00	30.79 2.57 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.86 3.17 0.00	37.94 3.26 0.00	38.53 3.57 0.00	41.68 3.89 0.00	41.55 3.81 0.00	43.58 4.42 0.00	44.03 4.51 0.00	45.08 4.47 0.00	41.49 4.04 0.00	40.10 3.71 0.00	39.45 3.62 0.00	36.41 3.37 0.00	33.13 2.98 0.00	30.67 2.74 0.00
WM_FLOYD_69_KV_BK2 356380	33.21 2.44 -5.33	27.99 2.11 -2.41	28.73 1.83 -4.55	26.69 1.78 -2.90	27.54 1.86 -3.52	31.51 2.04 -6.06	33.87 2.55 -4.46	33.91 2.82 -2.87	35.82 3.32 -2.83	35.69 3.32 -1.66	38.10 3.63 -1.79	41.24 3.78 -2.78	41.67 4.06 -2.65	42.23 4.42 -0.02	42.05 4.30 -0.01	44.06 4.89 -0.01	47.15 5.06 -2.56	47.16 5.08 -1.47	42.10 4.64 -0.01	40.50 4.11 0.00	39.52 3.69 0.00	36.87 3.83 0.00	34.51 3.47 -0.89	34.23 3.16 -3.14
WOODARD___115KV_TB2 355635	25.41 -0.03 0.00	23.45 -0.02 0.00	22.22 -0.13 0.00	21.83 -0.18 0.00	21.99 -0.18 0.00	23.30 -0.12 0.00	26.81 -0.05 0.00	28.19 -0.03 0.00	29.89 -0.12 -0.34	31.16 -0.03 -0.48	33.54 0.07 -0.78	35.43 0.17 -0.58	35.85 0.03 -0.85	38.87 0.15 -0.93	38.65 0.08 -0.84	39.98 0.00 -0.83	40.24 -0.04 -0.76	41.04 -0.04 -0.47	37.82 -0.07 -0.45	36.28 -0.15 -0.03	35.76 -0.18 -0.11	32.92 -0.26 -0.15	30.00 -0.15 0.00	27.73 -0.20 0.00
YORK___WARBASSE 23770	27.73 2.29 0.00	25.33 1.85 0.00	23.87 1.52 0.00	23.44 1.43 0.00	23.60 1.44 0.00	25.10 1.69 0.00	29.09 2.23 0.00	30.76 2.54 0.00	32.57 2.91 0.00	33.66 2.95 0.00	35.83 3.14 0.00	37.87 3.19 0.00	38.57 3.60 0.00	41.61 3.82 0.00	41.55 3.81 0.00	100.80 4.46 -57.19	82.90 4.58 -38.79	52.22 4.51 -7.10	94.75 4.12 -53.18	42.00 3.78 -1.82	39.61 3.73 -0.06	36.44 3.40 0.00	33.42 3.17 -0.11	30.79 2.85 -0.02