

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/18/2023

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	29.17	26.70	24.98	23.62	23.21	24.57	26.77	30.27	33.60	37.65	35.89	39.30	43.21	44.90	49.30	67.66	73.24	84.95	61.30	44.97	41.37	37.21	33.62	30.58
24138	2.56	2.25	2.02	1.87	1.90	1.90	2.12	2.88	3.19	3.43	3.14	3.43	3.90	4.10	4.37	4.80	5.08	5.67	4.98	3.33	3.03	2.79	2.63	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	-1.19	-1.44	-0.62	-4.50	-22.53	-25.44	-32.77	-9.81	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.20	26.72	25.01	23.64	23.21	24.57	26.74	30.22	33.57	37.65	35.86	39.19	43.13	44.85	49.21	67.66	73.28	84.99	61.39	45.01	41.49	37.31	33.78	30.95
24260	2.58	2.27	2.04	1.89	1.90	1.90	2.09	2.82	3.16	3.43	3.11	3.33	3.83	4.06	4.29	4.80	5.13	5.72	5.07	3.37	3.14	2.89	2.79	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.81	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.20	26.72	25.01	23.64	23.21	24.57	26.74	30.22	33.57	37.65	35.86	39.19	43.13	44.85	49.21	67.66	73.28	84.99	61.39	45.01	41.49	37.31	33.78	30.95
24261	2.58	2.27	2.04	1.89	1.90	1.90	2.09	2.82	3.16	3.43	3.11	3.33	3.83	4.06	4.29	4.80	5.13	5.72	5.07	3.37	3.14	2.89	2.79	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.81	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.51	26.14	24.57	23.21	22.74	24.28	26.37	29.34	32.63	35.15	35.11	38.77	41.02	43.18	43.86	59.26	64.63	74.11	81.49	44.51	41.33	37.00	33.10	30.02
24011	1.89	1.69	1.61	1.46	1.43	1.61	1.73	1.95	2.22	2.36	2.36	2.67	2.80	2.85	2.34	2.34	2.61	2.98	3.67	2.87	2.99	2.58	2.11	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	0.00	-1.43	-0.35	-0.15	-1.08	-16.59	-19.30	-24.62	-31.31	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.69	26.31	24.73	23.34	22.87	24.44	26.54	29.56	32.87	35.37	35.37	39.12	41.28	43.50	44.10	59.47	64.85	74.34	81.98	44.85	41.68	37.31	33.32	30.07
23798	2.08	1.86	1.77	1.59	1.55	1.77	1.90	2.16	2.46	2.59	2.62	3.01	3.07	3.17	2.59	2.54	2.82	3.21	4.04	3.21	3.33	2.89	2.33	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.45	0.00	-1.43	-0.35	-0.15	-1.08	-16.59	-19.30	-24.62	-31.42	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.51	26.14	24.57	23.21	22.74	24.28	26.37	29.34	32.63	35.15	35.11	38.77	41.02	43.18	43.86	59.26	64.63	74.11	81.49	44.51	41.33	37.00	33.10	30.02
24028	1.89	1.69	1.61	1.46	1.43	1.61	1.73	1.95	2.22	2.36	2.36	2.67	2.80	2.85	2.34	2.34	2.61	2.98	3.67	2.87	2.99	2.58	2.11	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	0.00	-1.43	-0.35	-0.15	-1.08	-16.59	-19.30	-24.62	-31.31	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.37	26.04	24.48	23.16	22.74	24.19	26.25	29.23	32.41	34.96	34.85	38.35	40.88	43.16	44.59	59.66	65.08	74.48	75.18	44.18	40.76	36.63	32.98	29.85
23527	1.76	1.59	1.52	1.41	1.43	1.52	1.60	1.84	2.01	2.10	2.10	2.46	2.61	2.81	2.91	2.86	3.25	3.58	3.53	2.54	2.42	2.20	1.99	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	0.00	-1.21	-0.40	-0.17	-1.24	-16.46	-19.10	-24.39	-25.14	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.47	25.21	23.70	22.44	21.99	23.37	25.36	28.22	31.35	33.81	33.67	36.81	39.37	41.50	42.64	57.69	62.78	71.92	69.08	42.47	39.22	35.21	31.83	29.03
24190	0.85	0.76	0.73	0.70	0.68	0.70	0.71	0.82	0.94	1.00	0.92	1.11	1.14	1.17	1.09	1.17	1.24	1.40	1.49	0.83	0.88	0.79	0.84	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	-1.03	-0.36	-0.15	-1.12	-16.19	-18.82	-24.01	-21.08	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	25.93	23.86	22.39	21.21	20.76	22.12	24.05	26.68	29.62	31.52	31.96	33.91	37.00	39.26	39.42	39.13	41.49	44.84	44.79	40.68	37.46	33.66	30.22	27.51
355683	-0.69	-0.59	-0.57	-0.54	-0.55	-0.54	-0.59	-0.71	-0.79	-0.81	-0.79	-0.76	-0.87	-0.92	-1.01	-1.21	-1.24	-1.67	-1.72	-0.96	-0.88	-0.76	-0.77	-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___1	27.47	25.21	23.70	22.44	21.99	23.37	25.36	28.22	31.35	33.81	33.67	36.81	39.37	41.50	42.64	57.69	62.78	71.92	69.08	42.47	39.22	35.21	31.83	29.03
23571	0.85	0.76	0.73	0.70	0.68	0.70	0.71	0.82	0.94	1.00	0.92	1.11	1.14	1.17	1.09	1.17	1.24	1.40	1.49	0.83	0.88	0.79	0.84	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	-1.03	-0.36	-0.15	-1.12	-16.19	-18.82	-24.01	-21.08	0.00	0.00	0.00	0.00	0.00
ALBANY___2	27.47	25.21	23.70	22.44	21.99	23.37	25.36	28.22	31.35	33.81	33.67	36.81	39.37	41.50	42.64	57.69	62.78	71.92	69.08	42.47	39.22	35.21	31.83	29.03
23572	0.85	0.76	0.73	0.70	0.68	0.70	0.71	0.82	0.94	1.00	0.92	1.11	1.14	1.17	1.09	1.17	1.24	1.40	1.49	0.83	0.88	0.79	0.84	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	-1.03	-0.36	-0.15	-1.12	-16.19	-18.82	-24.01	-21.08	0.00	0.00	0.00	0.00	0.00
ALBANY___3	27.47	25.21	23.70	22.44	21.99	23.37	25.36	28.22	31.35	33.81	33.67	36.81	39.37	41.50	42.64	57.69	62.78	71.92	69.08	42.47	39.22	35.21	31.83	29.03
23573	0.85	0.76	0.73	0.70	0.68	0.70	0.71	0.82	0.94	1.00	0.92	1.11	1.14	1.17	1.09	1.17	1.24	1.40	1.49	0.83	0.88	0.79	0.84	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	-1.03	-0.36	-0.15	-1.12	-16.19	-18.82	-24.01	-21.08	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	27.47 0.85 0.00	25.21 0.76 0.00	23.70 0.73 0.00	22.44 0.70 0.00	21.99 0.68 0.00	23.37 0.70 0.00	25.36 0.71 0.00	28.22 0.82 0.00	31.35 0.94 0.00	33.81 1.00 -0.47	33.67 0.92 0.00	36.81 1.11 -1.03	39.37 1.14 -0.36	41.50 1.17 -0.15	42.64 1.09 -1.12	57.69 1.17 -16.19	62.78 1.24 -18.82	71.92 1.40 -24.01	69.08 1.49 -21.08	42.47 0.83 0.00	39.22 0.88 0.00	35.21 0.79 0.00	31.83 0.84 0.00	29.03 0.79 0.00
ALBANY___LFGE 323615	27.79 1.17 0.00	25.50 1.05 0.00	23.97 1.01 0.00	22.66 0.91 0.00	22.23 0.92 0.00	23.62 0.95 0.00	25.66 1.01 0.00	28.57 1.18 0.00	31.71 1.31 0.00	34.19 1.39 -0.47	34.06 1.31 0.00	37.28 1.46 -1.15	39.86 1.63 -0.36	42.02 1.69 -0.15	43.12 1.58 -1.12	58.27 1.62 -16.32	63.41 1.71 -18.98	72.63 1.91 -24.21	72.74 2.09 -24.14	43.01 1.37 0.00	39.72 1.38 0.00	35.76 1.34 0.00	32.17 1.18 0.00	29.14 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	25.93 -0.69 0.00	23.89 -0.56 0.00	22.41 -0.55 0.00	21.23 -0.52 0.00	20.78 -0.53 0.00	22.15 -0.52 0.00	24.08 -0.57 0.00	26.71 -0.68 0.00	29.62 -0.79 0.00	31.52 -0.81 0.00	31.96 -0.79 0.00	33.94 -0.73 0.00	37.04 -0.83 0.00	39.34 -0.84 0.00	39.46 -0.97 0.00	39.05 -1.29 0.00	41.44 -1.28 0.00	44.74 -1.77 0.00	44.74 -1.77 0.00	40.77 -0.87 0.00	37.50 -0.84 0.00	33.70 -0.72 0.00	30.25 -0.74 0.00	27.53 -0.71 0.00
ALCOA_RYNLDS___DRP 24188	25.93 -0.69 0.00	23.89 -0.56 0.00	22.41 -0.55 0.00	21.23 -0.52 0.00	20.78 -0.53 0.00	22.15 -0.52 0.00	24.08 -0.57 0.00	26.71 -0.68 0.00	29.62 -0.79 0.00	31.52 -0.81 0.00	31.96 -0.79 0.00	33.94 -0.73 0.00	37.04 -0.83 0.00	39.34 -0.84 0.00	39.46 -0.97 0.00	39.05 -1.29 0.00	41.44 -1.28 0.00	44.74 -1.77 0.00	44.74 -1.77 0.00	40.77 -0.87 0.00	37.50 -0.84 0.00	33.70 -0.72 0.00	30.25 -0.74 0.00	27.53 -0.71 0.00
ALCOA___DSASP 323711	25.92 -0.69 0.00	23.89 -0.56 0.00	22.41 -0.55 0.00	21.23 -0.52 0.00	20.78 -0.53 0.00	22.15 -0.52 0.00	24.08 -0.57 0.00	26.71 -0.68 0.00	29.62 -0.79 0.00	31.53 -0.81 0.00	31.96 -0.79 0.00	33.91 -0.76 0.00	37.04 -0.83 0.00	39.33 -0.85 0.00	39.46 -0.97 0.00	39.09 -1.25 0.00	41.45 -1.28 0.00	44.74 -1.77 0.00	44.74 -1.77 0.00	40.73 -0.92 0.00	37.50 -0.84 0.00	33.70 -0.72 0.00	30.25 -0.74 0.00	27.48 -0.76 0.00
ALLEGHENY___COGEN 23514	27.95 1.33 0.00	25.60 1.15 0.00	23.86 0.89 0.00	22.58 0.83 0.00	22.08 0.77 0.00	23.66 1.00 0.00	25.90 1.26 0.00	28.25 0.85 0.00	31.26 0.85 0.00	32.66 0.32 0.00	33.44 0.69 0.00	33.73 -1.01 -0.06	36.25 -1.63 0.00	38.33 -1.85 0.00	38.94 -1.50 0.00	40.73 -1.25 -1.64	43.64 -1.03 -1.94	48.97 0.00 -2.46	48.96 0.84 -1.61	43.60 1.96 0.00	40.26 1.92 0.00	35.83 1.41 0.00	33.10 2.11 0.00	30.87 2.63 0.00
ALTAMONT_115KV_TB 2 55880	27.74 1.12 0.00	25.45 1.00 0.00	23.93 0.96 0.00	22.66 0.91 0.00	22.23 0.92 0.00	23.60 0.93 0.00	25.63 0.99 0.00	28.52 1.12 0.00	31.68 1.28 0.00	34.15 1.36 -0.46	34.03 1.28 0.00	37.07 1.46 -0.94	39.74 1.51 -0.35	41.90 1.57 -0.15	43.06 1.54 -1.09	58.05 1.61 -16.10	63.16 1.71 -18.73	72.36 1.95 -23.89	67.44 2.00 -18.93	42.97 1.33 0.00	39.68 1.34 0.00	35.63 1.20 0.00	32.17 1.18 0.00	29.34 1.10 0.00
ALTONA_WT_PWR 323606	26.80 0.19 0.00	24.72 0.27 0.00	23.19 0.23 0.00	21.92 0.17 0.00	21.50 0.19 0.00	22.96 0.29 0.00	25.06 0.42 0.00	27.86 0.47 0.00	30.98 0.58 0.00	33.01 0.68 0.00	33.50 0.75 0.00	35.30 0.62 0.00	38.56 0.68 0.00	40.86 0.68 0.00	41.08 0.64 0.00	40.46 0.12 0.00	43.07 0.34 0.00	46.46 -0.05 0.00	46.56 0.05 0.00	42.89 1.25 0.00	39.38 1.04 0.00	35.28 0.86 0.00	31.42 0.43 0.00	28.35 0.11 0.00
AMERICAN_REF_FUEL 24010	26.08 -0.53 0.00	23.93 -0.51 0.00	22.27 -0.69 0.00	21.10 -0.65 0.00	20.63 -0.68 0.00	22.03 -0.63 0.00	24.08 -0.57 0.00	25.94 -1.45 0.00	28.98 -1.43 0.00	30.62 -1.71 0.00	31.60 -1.15 0.00	32.75 -1.97 -0.06	35.41 -2.46 0.00	37.65 -2.53 0.00	38.05 -2.39 0.00	39.36 -2.46 -1.48	42.04 -2.43 -1.75	47.29 -1.44 -2.22	46.36 -1.58 -1.43	40.89 -0.75 0.00	37.50 -0.84 0.00	33.49 -0.93 0.00	30.34 -0.65 0.00	28.78 0.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.20 0.58 0.00	24.94 0.49 0.00	23.17 0.21 0.00	21.94 0.20 0.00	21.44 0.13 0.00	22.98 0.32 0.00	25.26 0.62 0.00	27.48 0.08 0.00	30.77 0.37 0.00	32.59 0.26 0.00	33.73 0.98 0.00	35.08 0.35 -0.06	37.87 0.00 0.00	40.22 0.04 0.00	40.51 0.08 0.00	41.92 -0.08 -1.66	44.69 0.00 -1.96	49.98 0.98 -2.49	49.40 1.26 -1.63	43.26 1.62 0.00	39.61 1.26 0.00	35.49 1.07 0.00	32.14 1.15 0.00	30.27 2.03 0.00
ARTHUR_KILL_GT_1 23520	29.21 2.58 -0.01	26.75 2.30 -0.01	25.03 2.07 0.00	23.62 1.87 0.00	23.21 1.90 0.00	24.39 1.72 0.00	26.46 1.82 0.01	30.13 2.74 0.01	33.44 3.04 0.01	34.19 3.23 1.38	35.59 2.85 0.01	35.83 3.12 1.97	37.06 3.60 4.41	37.30 3.74 6.62	37.67 3.84 6.60	47.78 4.48 -2.96	55.27 4.87 -7.67	59.02 5.44 -7.07	44.34 4.79 6.97	37.30 2.96 7.29	35.78 2.99 5.55	35.73 2.75 1.45	33.68 2.69 0.01	30.59 2.34 -0.01
ARTHUR_KILL_2 23512	29.10 2.48 -0.01	26.66 2.20 -0.01	24.96 2.00 0.00	23.55 1.80 0.00	23.14 1.83 0.00	24.32 1.65 0.00	26.39 1.75 0.01	30.02 2.63 0.01	33.35 2.95 0.01	34.06 3.10 1.38	35.46 2.72 0.01	35.69 2.98 1.97	36.91 3.45 4.41	37.13 3.57 6.62	37.51 3.68 6.60	47.57 4.27 -2.96	55.01 4.62 -7.67	58.79 5.21 -7.07	44.05 4.51 6.97	37.09 2.75 7.29	35.63 2.84 5.55	35.56 2.58 1.45	33.55 2.57 0.01	30.51 2.26 -0.01
ARTHUR_KILL_3 23513	28.85 2.24 0.00	26.38 1.93 0.00	24.69 1.72 0.00	23.34 1.59 0.00	22.91 1.60 0.00	24.25 1.59 0.00	26.42 1.78 0.00	29.91 2.52 0.00	33.11 2.71 0.00	33.84 2.88 1.37	35.30 2.56 0.00	35.56 2.84 1.96	36.73 3.26 4.40	36.98 3.41 6.61	37.48 3.64 6.59	47.38 4.07 -2.97	54.77 4.36 -7.68	58.47 4.88 -7.08	43.83 4.28 6.96	36.98 2.63 7.29	35.29 2.49 5.54	35.29 2.31 1.44	33.28 2.29 0.00	30.25 2.01 0.00
ARTHUR_KILL_COGEN 323718	29.21 2.58 -0.01	26.75 2.30 -0.01	25.03 2.07 0.00	23.62 1.87 0.00	23.21 1.90 0.00	24.39 1.72 0.00	26.46 1.82 0.01	30.13 2.74 0.01	33.44 3.04 0.01	34.19 3.23 1.38	35.59 2.85 0.01	35.83 3.12 1.97	37.06 3.60 4.41	37.30 3.74 6.62	37.67 3.84 6.60	47.78 4.48 -2.96	55.27 4.87 -7.67	59.02 5.44 -7.07	44.34 4.79 6.97	37.30 2.96 7.29	35.78 2.99 5.55	35.73 2.75 1.45	33.68 2.69 0.01	30.59 2.34 -0.01
ASHOKAN____ 23654	28.43 1.81 0.00	25.99 1.54 0.00	24.39 1.42 0.00	23.10 1.35 0.00	22.59 1.28 0.00	23.84 1.18 0.00	25.80 1.16 0.00	28.25 0.85 0.00	31.14 0.73 0.00	34.36 1.78 -0.25	33.21 0.46 0.00	37.20 1.84 -0.69	40.49 2.43 -0.19	42.75 2.49 -0.08	43.18 2.14 -0.60	55.78 2.22 -13.23	60.58 2.39 -15.46	68.90 2.70 -19.69	62.42 1.16 -14.75	42.43 0.79 0.00	39.19 0.84 0.00	35.63 1.20 0.00	32.35 1.36 0.00	29.48 1.24 0.00

ASTORIA_EAST_ENERGY_CC1 323581	29.16 2.53 -0.01	26.70 2.25 -0.01	24.99 2.02 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.12 2.71 -0.01	33.33 2.92 -0.01	37.40 3.17 -1.90	35.46 2.72 0.01	38.92 3.05 -1.19	42.94 3.64 -1.43	44.57 3.78 -0.62	48.52 3.60 -4.50	67.25 4.40 -22.52	72.90 4.74 -25.43	84.57 5.30 -32.76	60.91 4.61 -9.80	44.43 2.79 0.00	41.22 2.88 0.00	37.07 2.65 0.00	33.66 2.67 -0.01	30.76 2.51 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.16 2.53 -0.01	26.70 2.25 -0.01	24.99 2.02 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.12 2.71 -0.01	33.33 2.92 -0.01	37.40 3.17 -1.90	35.46 2.72 0.01	38.92 3.05 -1.19	42.94 3.64 -1.43	44.57 3.78 -0.62	48.52 3.60 -4.50	67.25 4.40 -22.52	72.90 4.74 -25.43	84.57 5.30 -32.76	60.91 4.61 -9.80	44.43 2.79 0.00	41.22 2.88 0.00	37.07 2.65 0.00	33.66 2.67 -0.01	30.76 2.51 -0.01
ASTORIA_GT2_1 24094	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT2_2 24095	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT2_3 24096	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT2_4 24097	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT3_1 24098	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT3_2 24099	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT3_3 24100	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT3_4 24101	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT4_1 24102	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT4_2 24103	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT4_3 24104	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT4_4 24105	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.33 2.92 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.61 3.82 -0.62	48.52 3.60 -4.50	67.29 4.44 -22.52	72.94 4.79 -25.43	84.53 5.26 -32.76	60.82 4.51 -9.80	44.56 2.91 0.00	41.26 2.91 0.00	37.14 2.72 0.00	33.63 2.63 -0.01	30.87 2.63 -0.01
ASTORIA_GT_1 23523	29.24 2.61 -0.01	26.75 2.30 -0.01	25.06 2.09 -0.01	23.66 1.91 0.00	23.23 1.92 0.00	24.44 1.77 0.00	26.52 1.87 0.00	30.20 2.80 -0.01	33.43 3.01 -0.01	37.49 3.26 -1.90	35.56 2.82 0.01	39.05 3.19 -1.19	43.06 3.75 -1.43	44.69 3.90 -0.62	48.64 3.72 -4.50	67.41 4.56 -22.52	73.07 4.91 -25.43	84.76 5.49 -32.76	61.10 4.79 -9.80	44.60 2.96 0.00	41.37 3.03 0.00	37.18 2.75 0.00	33.76 2.76 -0.01	30.84 2.60 -0.01

ASTORIA_GT_10 24110	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.09	33.42	37.46	35.63	38.91	42.87	44.49	48.61	67.13	72.73	84.34	60.68	44.51	41.18	37.11	33.66	30.85
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.68	3.01	3.23	2.88	3.05	3.56	3.70	3.68	4.28	4.57	5.07	4.37	2.87	2.84	2.68	2.67	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA_GT_11 24225	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.09	33.42	37.46	35.63	38.91	42.87	44.49	48.61	67.13	72.73	84.34	60.68	44.51	41.18	37.11	33.66	30.85
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.68	3.01	3.23	2.88	3.05	3.56	3.70	3.68	4.28	4.57	5.07	4.37	2.87	2.84	2.68	2.67	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA_GT_12 24226	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.14	33.43	37.43	35.57	38.99	42.87	44.49	48.61	67.09	72.73	84.39	60.77	44.43	41.18	37.04	33.63	30.53
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.74	3.01	3.20	2.82	3.12	3.56	3.69	3.68	4.23	4.57	5.12	4.47	2.79	2.84	2.61	2.63	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA_GT_13 24227	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.14	33.43	37.43	35.57	38.99	42.87	44.49	48.61	67.09	72.73	84.39	60.77	44.43	41.18	37.04	33.63	30.53
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.74	3.01	3.20	2.82	3.12	3.56	3.69	3.68	4.23	4.57	5.12	4.47	2.79	2.84	2.61	2.63	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA_GT_5 24106	29.24	26.75	25.06	23.66	23.23	24.44	26.52	30.20	33.43	37.49	35.56	39.05	43.06	44.69	48.64	67.41	73.07	84.76	61.10	44.60	41.37	37.18	33.76	30.84
	2.61	2.30	2.09	1.91	1.92	1.77	1.87	2.80	3.01	3.26	2.82	3.19	3.75	3.90	3.72	4.56	4.91	5.49	4.79	2.96	3.03	2.75	2.76	2.60
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.01	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA_GT_7 24107	29.24	26.75	25.06	23.66	23.23	24.44	26.52	30.20	33.43	37.49	35.56	39.05	43.06	44.69	48.64	67.41	73.07	84.76	61.10	44.60	41.37	37.18	33.76	30.84
	2.61	2.30	2.09	1.91	1.92	1.77	1.87	2.80	3.01	3.26	2.82	3.19	3.75	3.90	3.72	4.56	4.91	5.49	4.79	2.96	3.03	2.75	2.76	2.60
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.01	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA_GT_8 24108	29.23	26.76	25.06	23.66	23.23	24.43	26.52	30.14	33.42	37.53	35.63	38.98	43.02	44.69	48.61	67.42	73.07	84.71	60.96	44.68	41.37	37.21	33.70	30.96
	2.61	2.30	2.09	1.91	1.92	1.77	1.87	2.74	3.01	3.30	2.88	3.12	3.71	3.90	3.68	4.56	4.91	5.44	4.65	3.04	3.03	2.79	2.70	2.71
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA___2 24149	29.18	26.70	25.01	23.62	23.19	24.39	26.47	30.12	33.33	37.43	35.49	38.95	42.94	44.61	48.52	67.25	72.94	84.57	60.96	44.47	41.26	37.07	33.66	30.76
	2.56	2.25	2.04	1.87	1.88	1.72	1.82	2.71	2.92	3.20	2.75	3.08	3.64	3.82	3.60	4.40	4.78	5.30	4.65	2.83	2.91	2.65	2.67	2.51
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.01	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA___3 23516	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.14	33.43	37.43	35.57	38.99	42.87	44.49	48.61	67.09	72.73	84.39	60.77	44.43	41.18	37.04	33.63	30.53
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.74	3.01	3.20	2.82	3.12	3.56	3.69	3.68	4.23	4.57	5.12	4.47	2.79	2.84	2.61	2.63	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA___4 23517	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.09	33.42	37.46	35.63	38.91	42.87	44.49	48.61	67.13	72.73	84.34	60.68	44.51	41.18	37.11	33.66	30.85
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.68	3.01	3.23	2.88	3.05	3.56	3.70	3.68	4.28	4.57	5.07	4.37	2.87	2.84	2.68	2.67	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
ASTORIA___5 23518	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.14	33.43	37.43	35.57	38.99	42.87	44.49	48.61	67.09	72.73	84.39	60.77	44.43	41.18	37.04	33.63	30.53
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.74	3.01	3.20	2.82	3.12	3.56	3.69	3.68	4.23	4.57	5.12	4.47	2.79	2.84	2.61	2.63	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
AST_ENERGY_2_CC3 323677	28.96	26.50	24.80	23.45	23.02	24.37	26.52	30.00	33.26	37.26	35.47	38.85	42.72	44.37	48.77	67.13	72.73	84.39	60.83	44.47	41.03	36.90	33.41	30.36
	2.34	2.05	1.84	1.70	1.71	1.70	1.87	2.60	2.86	3.04	2.72	2.98	3.41	3.57	3.84	4.27	4.57	5.12	4.51	2.83	2.68	2.48	2.42	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.81	0.00	0.00	0.00	0.00	0.00
AST_ENERGY_2_CC4 323678	28.96	26.50	24.80	23.45	23.02	24.37	26.52	30.00	33.26	37.26	35.47	38.85	42.72	44.37	48.77	67.13	72.73	84.39	60.83	44.47	41.03	36.90	33.41	30.36
	2.34	2.05	1.84	1.70	1.71	1.70	1.87	2.60	2.86	3.04	2.72	2.98	3.41	3.57	3.84	4.27	4.57	5.12	4.51	2.83	2.68	2.48	2.42	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.81	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_1 23668	27.82	25.50	24.00	22.73	22.29	23.64	25.66	28.66	31.81	34.34	34.09	36.84	40.03	42.17	43.68	57.52	62.38	71.31	59.25	43.06	39.72	35.73	32.23	29.26
	1.20	1.05	1.03	0.98	0.98	0.97	1.01	1.26	1.40	1.46	1.34	1.52	1.74	1.81	1.94	2.06	2.14	2.42	2.32	1.42	1.38	1.31	1.24	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	0.00	-0.65	-0.42	-0.18	-1.31	-15.13	-17.52	-22.38	-10.41	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	27.82	25.50	24.00	22.73	22.29	23.64	25.66	28.66	31.81	34.34	34.09	36.84	40.03	42.17	43.68	57.52	62.38	71.31	59.25	43.06	39.72	35.73	32.23	29.26
	1.20	1.05	1.03	0.98	0.98	0.97	1.01	1.26	1.40	1.46	1.34	1.52	1.74	1.81	1.94	2.06	2.14	2.42	2.32	1.42	1.38	1.31	1.24	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	0.00	-0.65	-0.42	-0.18	-1.31	-15.13	-17.52	-22.38	-10.41	0.00	0.00	0.00	0.00	0.00

ATHENS_STG_3 23677	27.82 1.20 0.00	25.50 1.05 0.00	24.00 1.03 0.00	22.73 0.98 0.00	22.29 0.98 0.00	23.64 0.97 0.00	25.66 1.01 0.00	28.66 1.26 0.00	31.81 1.40 0.00	34.34 1.46 -0.55	34.09 1.34 0.00	36.84 1.52 -0.65	40.03 1.74 -0.42	42.17 1.81 -0.18	43.68 1.94 -1.31	57.52 2.06 -15.13	62.38 2.14 -17.52	71.31 2.42 -22.38	59.25 2.32 -10.41	43.06 1.42 0.00	39.72 1.38 0.00	35.73 1.31 0.00	32.23 1.24 0.00	29.26 1.02 0.00
AUBURN____LFGE 323710	27.15 0.53 0.00	24.96 0.51 0.00	23.35 0.39 0.00	22.10 0.35 0.00	21.65 0.34 0.00	23.12 0.45 0.00	25.19 0.54 0.00	27.92 0.52 0.00	31.08 0.67 0.00	33.01 0.68 0.00	33.60 0.85 0.00	35.31 0.59 -0.05	38.48 0.61 0.00	40.90 0.72 0.00	41.24 0.81 0.00	42.34 0.77 -1.23	44.99 0.81 -1.45	49.61 1.26 -1.85	49.24 1.58 -1.15	43.10 1.46 0.00	39.68 1.34 0.00	35.42 1.00 0.00	31.83 0.84 0.00	29.00 0.76 0.00
BABYLON_RES_REC 323704	37.88 3.03 -8.23	34.09 2.74 -6.90	28.04 2.53 -2.55	24.12 2.37 0.00	23.67 2.34 -0.02	24.98 2.31 0.00	27.30 2.64 -0.02	36.15 3.37 -5.39	37.95 3.65 -3.90	40.09 3.88 -3.88	37.89 3.08 -2.07	44.89 3.40 -6.82	56.65 3.75 -15.03	65.68 3.94 -21.56	61.66 4.24 -16.98	77.47 3.96 -33.18	84.28 4.19 -37.36	85.56 5.30 -33.75	63.03 5.07 -11.45	48.60 3.50 -3.46	45.39 3.26 -3.79	37.84 2.99 -0.42	37.13 3.07 -3.07	37.07 2.91 -5.92
BABYLON__69_KV_BK2 356345	38.26 3.41 -8.23	34.41 3.06 -6.90	28.34 2.82 -2.55	24.40 2.65 0.00	23.95 2.62 -0.02	25.25 2.58 0.00	27.60 2.93 -0.02	36.51 3.73 -5.39	40.70 4.07 -6.22	43.38 4.40 -6.65	43.16 3.86 -6.55	56.45 4.16 -17.62	66.39 4.77 -23.75	96.34 5.02 -51.14	88.14 5.18 -42.53	101.69 4.88 -56.47	111.37 5.21 -63.43	91.29 6.47 -38.32	74.28 6.23 -21.53	59.56 4.54 -13.37	48.48 4.22 -5.92	39.54 3.79 -1.34	39.86 3.78 -5.09	41.31 3.59 -9.48
BARON_WINDS____WT_PWR 323822	27.02 0.40 0.00	24.79 0.34 0.00	23.10 0.14 0.00	21.88 0.13 0.00	21.40 0.09 0.00	22.89 0.23 0.00	25.04 0.39 0.00	27.42 0.03 0.00	30.62 0.21 0.00	32.43 0.10 0.00	33.27 0.52 0.00	34.79 0.03 -0.08	37.68 -0.19 0.00	40.06 -0.12 0.00	40.23 -0.20 0.00	42.14 -0.28 -2.09	44.98 -0.21 -2.47	50.24 0.60 -3.13	49.56 0.93 -2.12	42.72 1.08 0.00	39.23 0.88 0.00	35.07 0.65 0.00	31.73 0.74 0.00	29.54 1.30 0.00
BARRETT_IC_1 23704	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_10 23701	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_11 23702	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_12 23703	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_2 23705	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_3 23706	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_4 23707	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_5 23708	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_6 23709	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_7 23710	37.49 2.64 -8.23	33.72 2.37 -6.90	27.70 2.18 -2.55	23.81 2.07 0.00	23.37 2.05 -0.02	24.68 2.02 0.00	26.93 2.27 -0.02	35.49 2.71 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.57 2.82 0.00	39.48 2.98 -1.83	46.33 3.45 -5.01	51.70 3.62 -7.91	49.63 4.00 -5.19	66.48 3.71 -22.43	71.99 3.93 -25.33	84.03 4.88 -32.63	60.88 4.56 -9.81	45.18 3.16 -0.37	44.07 2.91 -2.81	37.07 2.65 0.00	54.75 2.73 -21.03	34.88 2.65 -3.99

BARRETT_IC_8 23711	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT_IC_9 23700	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT___1 23545	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BARRETT___2 23546	37.49 2.64 -8.24	33.73 2.37 -6.91	27.71 2.18 -2.56	23.82 2.07 -0.01	23.38 2.05 -0.02	24.68 2.02 0.00	26.94 2.27 -0.02	35.52 2.74 -5.39	36.03 2.98 -2.64	37.85 3.14 -2.38	35.47 2.72 0.00	39.55 3.05 -1.83	46.32 3.45 -5.01	51.71 3.62 -7.91	49.63 4.00 -5.19	66.47 3.71 -22.42	71.98 3.93 -25.32	84.02 4.88 -32.62	60.87 4.56 -9.80	45.14 3.12 -0.37	44.07 2.91 -2.81	37.00 2.58 0.00	54.84 2.82 -21.03	34.60 2.37 -3.99
BATAVIA___115KV_TB1 55881	27.10 0.48 0.00	24.82 0.37 0.00	23.10 0.14 0.00	21.84 0.09 0.00	21.38 0.06 0.00	22.87 0.20 0.00	25.09 0.44 0.00	27.40 0.00 0.00	30.41 0.00 0.00	32.04 -0.29 0.00	32.91 0.16 0.00	34.41 -0.31 -0.05	37.30 -0.57 0.00	39.70 -0.48 0.00	39.99 -1.38 0.00	41.03 -0.69 -1.62	43.75 -0.60 -2.06	49.13 0.56 -1.29	48.36 0.56 -1.29	42.93 1.29 0.00	39.34 1.00 0.00	35.14 0.72 0.00	31.73 0.74 0.00	28.86 0.62 0.00
BAYONEEC___CTG1 323682	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG10 323750	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG2 323683	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG3 323684	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG4 323685	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG5 323686	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG6 323687	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG7 323688	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG8 323689	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00
BAYONEEC___CTG9 323749	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.26 3.04 -1.89	35.47 2.72 0.00	35.69 2.98 1.96	36.92 3.45 4.40	37.14 3.57 6.61	37.68 3.84 6.59	47.58 4.27 -2.97	54.98 4.57 -7.68	58.71 5.12 -7.08	44.06 4.51 6.96	37.19 2.83 7.29	35.48 2.68 5.54	35.46 2.48 1.44	33.41 2.42 0.00	30.36 2.12 0.00

BEACON___LESR 323632	27.92 1.30 0.00	25.60 1.15 0.00	24.09 1.12 0.00	22.77 1.02 0.00	22.33 1.02 0.00	23.75 1.09 0.00	25.80 1.16 0.00	28.74 1.34 0.00	31.87 1.46 0.00	34.39 1.58 -0.47	34.22 1.48 0.00	37.38 1.66 -1.04	40.05 1.82 -0.36	42.22 1.89 -0.15	43.38 1.82 -1.13	58.41 1.90 -16.18	63.59 2.05 -18.81	72.79 2.28 -24.00	70.34 2.56 -21.28	43.43 1.79 0.00	40.11 1.76 0.00	36.18 1.75 0.00	32.48 1.49 0.00	29.43 1.19 0.00
BEAVER RIVER___HYD 24048	26.48 -0.13 0.00	24.33 -0.12 0.00	22.85 -0.11 0.00	21.62 -0.13 0.00	21.14 -0.17 0.00	22.53 -0.14 0.00	24.60 -0.05 0.00	27.29 -0.11 0.00	30.20 -0.21 0.00	32.11 -0.22 0.00	32.49 -0.26 0.00	34.60 -0.07 0.00	37.68 -0.19 0.00	40.02 -0.16 0.00	39.90 -0.53 0.00	40.06 -0.65 -0.37	42.35 -0.81 -0.44	46.23 -0.84 -0.56	46.05 -0.47 0.00	41.60 -0.04 0.00	38.34 0.00 0.00	34.42 0.00 0.00	30.87 -0.12 0.00	28.07 -0.17 0.00
BEEBEE_GT_13 23619	26.78 0.16 0.00	24.55 0.10 0.00	22.92 -0.05 0.00	21.68 -0.07 0.00	21.23 -0.09 0.00	22.67 0.00 0.00	24.82 0.17 0.00	27.34 -0.05 0.00	30.41 0.00 0.00	32.14 -0.19 0.00	32.91 0.16 0.00	34.54 -0.17 -0.04	37.53 -0.34 0.00	39.94 -0.24 0.00	40.23 -0.20 0.00	41.23 -0.28 -1.18	43.86 -0.26 -1.39	48.88 0.60 -1.77	48.05 0.47 -1.07	42.60 0.96 0.00	39.03 0.69 0.00	34.87 0.45 0.00	31.42 0.43 0.00	28.61 0.37 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.42 2.79 -0.01	26.90 2.44 -0.01	25.17 2.20 0.00	23.75 2.00 0.00	23.34 2.02 0.00	24.59 1.93 0.00	26.72 2.07 0.00	30.36 2.96 -0.01	33.79 3.38 -0.01	37.85 3.62 -1.90	36.02 3.27 0.00	39.40 3.54 -1.19	43.32 4.01 -1.43	45.01 4.22 -0.62	49.17 4.25 -4.50	79.25 4.88 -34.03	79.08 5.26 -31.09	85.19 5.86 -32.82	75.14 5.12 -23.51	45.10 3.46 0.00	41.81 3.41 -0.06	37.64 3.17 -0.06	38.14 3.07 -4.08	34.96 2.97 -3.76
BETHLEHEM___GRP 23843	27.47 0.85 0.00	25.21 0.76 0.00	23.70 0.73 0.00	22.44 0.70 0.00	21.99 0.68 0.00	23.37 0.70 0.00	25.36 0.71 0.00	28.22 0.82 0.00	31.35 0.94 0.00	33.81 1.00 -0.47	33.67 0.92 0.00	36.81 1.11 -1.03	39.37 1.14 -0.36	41.50 1.17 -0.15	42.64 1.09 -1.12	57.69 1.17 -16.19	62.78 1.24 -18.82	71.92 1.40 -24.01	69.08 1.49 -21.08	42.47 0.83 0.00	39.22 0.88 0.00	35.21 0.79 0.00	31.83 0.84 0.00	29.03 0.79 0.00
BETHLEHEM___GS1 323560	27.47 0.85 0.00	25.21 0.76 0.00	23.70 0.73 0.00	22.42 0.67 0.00	21.99 0.68 0.00	23.37 0.70 0.00	25.36 0.72 0.00	28.25 0.85 0.00	31.35 0.94 0.00	33.81 1.00 -0.47	33.63 0.88 0.00	36.71 1.01 -1.03	39.33 1.10 -0.36	41.50 1.17 -0.15	42.68 1.13 -1.12	57.69 1.17 -16.18	62.78 1.24 -18.81	71.91 1.39 -24.01	69.08 1.49 -21.08	42.43 0.79 0.00	39.19 0.84 0.00	35.35 0.93 0.00	31.83 0.84 0.00	28.83 0.59 0.00
BETHLEHEM___GS2 323561	27.47 0.85 0.00	25.21 0.76 0.00	23.70 0.73 0.00	22.42 0.67 0.00	21.99 0.68 0.00	23.37 0.70 0.00	25.36 0.72 0.00	28.25 0.85 0.00	31.35 0.94 0.00	33.81 1.00 -0.47	33.63 0.88 0.00	36.71 1.01 -1.03	39.33 1.10 -0.36	41.50 1.17 -0.15	42.68 1.13 -1.12	57.69 1.17 -16.18	62.78 1.24 -18.81	71.91 1.39 -24.01	69.08 1.49 -21.08	42.43 0.79 0.00	39.19 0.84 0.00	35.35 0.93 0.00	31.83 0.84 0.00	28.83 0.59 0.00
BETHLEHEM___GS3 323562	27.47 0.85 0.00	25.21 0.76 0.00	23.70 0.73 0.00	22.42 0.67 0.00	21.99 0.68 0.00	23.37 0.70 0.00	25.36 0.72 0.00	28.25 0.85 0.00	31.35 0.94 0.00	33.81 1.00 -0.47	33.63 0.88 0.00	36.71 1.01 -1.03	39.33 1.10 -0.36	41.50 1.17 -0.15	42.68 1.13 -1.12	57.69 1.17 -16.18	62.78 1.24 -18.81	71.91 1.39 -24.01	69.08 1.49 -21.08	42.43 0.79 0.00	39.19 0.84 0.00	35.35 0.93 0.00	31.83 0.84 0.00	28.83 0.59 0.00
BETHLEHEM___STEEL 23779	26.72 0.11 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.57 -0.17 0.00	21.10 -0.21 0.00	22.58 -0.09 0.00	24.74 0.10 0.00	26.99 -0.41 0.00	29.95 -0.46 0.00	31.65 -0.68 0.00	32.52 -0.23 0.00	33.94 -0.80 -0.06	36.77 -1.10 0.00	39.13 -1.04 0.00	39.58 -0.85 0.00	40.85 -1.09 -1.60	43.63 -0.98 -1.89	48.91 0.00 -2.40	48.20 0.14 -1.55	42.18 0.54 0.00	38.65 0.31 0.00	34.66 0.24 0.00	31.30 0.31 0.00	28.52 0.28 0.00
BETHLHEM_115KV_TB1 79974	27.52 0.90 0.00	25.26 0.81 0.00	23.77 0.80 0.00	22.49 0.74 0.00	22.06 0.75 0.00	23.41 0.75 0.00	25.41 0.76 0.00	28.27 0.88 0.00	31.41 1.00 -0.47	33.90 1.10 0.00	33.73 0.98 0.00	36.86 1.18 -1.01	39.44 1.21 -0.36	41.58 1.25 -0.15	42.76 1.21 -1.12	57.75 1.25 -16.17	62.85 1.32 -18.79	71.98 1.49 -23.98	68.65 1.58 -20.56	42.56 0.92 0.00	39.30 0.96 0.00	35.32 0.89 0.00	31.89 0.90 0.00	29.09 0.85 0.00
BETHPAGE_CC_5 323564	37.73 2.88 -8.23	33.99 2.64 -6.90	27.93 2.41 -2.55	24.01 2.26 0.00	23.59 2.26 -0.02	24.89 2.22 0.00	27.18 2.52 -0.02	35.96 3.18 -5.39	37.11 3.47 -3.24	39.14 3.72 -3.09	36.59 3.27 -0.57	41.54 3.67 -3.19	49.75 4.13 -7.75	56.16 4.34 -11.64	53.45 4.61 -8.42	70.06 4.36 -25.37	75.96 4.62 -28.62	85.48 5.72 -33.25	62.62 5.39 -10.72	46.92 3.83 -1.45	44.95 3.53 -3.08	37.67 3.13 -0.12	37.23 3.16 -3.08	35.96 2.74 -4.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.78 0.16 0.00	24.55 0.10 0.00	22.82 -0.14 0.00	21.60 -0.15 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.77 0.12 0.00	27.04 -0.36 0.00	30.01 -0.40 0.00	31.72 -0.61 0.00	32.58 -0.16 0.00	34.01 -0.73 -0.06	36.89 -0.98 0.00	39.26 -0.92 0.00	39.74 -0.69 0.00	40.91 -1.05 -1.62	43.70 -0.94 -1.91	48.98 0.05 -2.43	48.36 0.28 -1.57	42.27 0.62 0.00	38.69 0.35 0.00	34.73 0.31 0.00	31.36 0.37 0.00	28.58 0.34 0.00
BINGHAMTON___COGEN 23790	27.07 0.45 0.00	24.86 0.42 0.00	23.28 0.32 0.00	22.03 0.28 0.00	21.59 0.28 0.00	23.01 0.34 0.00	25.09 0.44 0.00	27.81 0.41 0.00	30.92 0.52 0.00	32.79 0.45 0.00	33.34 0.59 0.00	35.29 0.49 -0.13	38.40 0.53 0.00	40.78 0.60 0.00	41.00 0.57 0.00	43.92 0.56 -3.02	46.93 0.64 -3.56	52.10 1.07 -4.52	51.08 1.30 -3.27	42.72 1.08 0.00	39.22 0.88 0.00	35.18 0.76 0.00	31.67 0.68 0.00	28.86 0.62 0.00
BIXINCNT_115KV_LOAD 355685	26.72 0.11 0.00	24.52 0.07 0.00	22.82 -0.14 0.00	21.60 -0.15 0.00	21.14 -0.17 0.00	22.64 -0.02 0.00	24.87 0.22 0.00	27.18 -0.22 0.00	30.22 -0.18 0.00	31.94 -0.39 0.00	32.78 0.03 0.00	34.32 -0.42 -0.07	37.12 -0.76 0.00	39.46 -0.72 0.00	39.95 -0.49 0.00	40.96 -1.09 -1.72	43.68 -1.07 -2.03	48.90 -0.19 -2.57	48.42 0.23 -1.68	42.22 0.58 0.00	38.73 0.38 0.00	34.83 0.41 0.00	31.46 0.46 0.00	28.66 0.42 0.00
BLACK RIVER___HYD 24047	26.67 0.05 0.00	24.50 0.05 0.00	23.01 0.05 0.00	21.77 0.02 0.00	21.25 -0.06 0.00	22.67 0.00 0.00	24.77 0.12 0.00	27.48 0.08 0.00	30.41 0.00 0.00	32.30 -0.03 0.00	32.72 -0.03 0.00	34.88 0.21 0.00	37.91 0.04 0.00	40.26 0.08 0.00	40.07 -0.36 0.00	40.40 -0.44 -0.51	42.56 -0.77 -0.60	46.62 -0.65 -0.76	46.37 -0.14 0.00	41.89 0.25 0.00	38.65 0.31 0.00	34.69 0.27 0.00	31.12 0.12 0.00	28.30 0.06 0.00

BLACKRVR_115KV_TB2 79977	26.67 0.05 0.00	24.50 0.05 0.00	23.01 0.05 0.00	21.75 0.00 0.00	21.25 -0.06 0.00	22.67 0.00 0.00	24.77 0.12 0.00	27.48 0.08 0.00	30.41 0.00 0.00	32.30 -0.03 0.00	32.75 0.00 0.00	34.85 0.17 0.00	37.91 0.04 0.00	40.26 0.08 0.00	40.11 -0.32 0.00	40.41 -0.44 -0.52	42.57 -0.77 -0.61	46.64 -0.65 -0.78	46.32 -0.19 0.00	41.89 0.25 0.00	38.65 0.31 0.00	34.70 0.28 0.00	31.12 0.12 0.00	28.21 -0.03 0.00
BLISS_WT_PWR 323608	26.72 0.11 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.62 -0.13 0.00	21.14 -0.17 0.00	22.67 0.00 0.00	24.87 0.22 0.00	27.01 -0.38 0.00	30.26 -0.15 0.00	32.04 -0.29 0.00	33.08 0.33 0.00	34.46 -0.28 -0.07	37.08 -0.80 0.00	39.41 -0.76 0.00	39.90 -0.53 0.00	40.92 -1.13 -1.71	43.68 -1.07 -2.02	48.84 -0.23 -2.56	48.38 0.19 -1.69	42.27 0.63 0.00	38.80 0.46 0.00	34.84 0.41 0.00	31.52 0.53 0.00	29.68 1.44 0.00
BLUE_CIRC_CHEM_DRP 24182	27.87 1.25 0.00	25.57 1.12 0.00	24.06 1.10 0.00	22.77 1.02 0.00	22.31 1.00 0.00	23.73 1.07 0.00	25.75 1.11 0.00	28.60 1.21 0.00	31.77 1.37 0.00	34.22 1.45 -0.43	34.09 1.34 0.00	37.13 1.56 -0.90	39.68 1.48 -0.33	41.85 1.53 -0.14	42.88 1.42 -1.03	57.44 1.41 -15.69	62.44 1.45 -18.26	71.43 1.63 -23.29	66.48 1.86 -18.11	42.93 1.29 0.00	39.68 1.34 0.00	35.63 1.20 0.00	32.29 1.30 0.00	29.43 1.19 0.00
BOC_GAS_DRP 24189	27.63 1.01 0.00	25.35 0.90 0.00	23.86 0.90 0.00	22.58 0.83 0.00	22.14 0.83 0.00	23.51 0.84 0.00	25.53 0.89 0.00	28.41 1.01 0.00	31.53 1.13 0.00	34.02 1.23 -0.46	33.86 1.11 0.00	36.85 1.28 -0.89	39.55 1.33 -0.35	41.70 1.37 -0.15	42.94 1.42 -1.09	57.88 1.49 -16.05	62.93 1.54 -18.67	72.09 1.77 -23.82	65.92 1.77 -17.64	42.72 1.08 0.00	39.42 1.07 0.00	35.42 1.00 0.00	32.04 1.05 0.00	29.23 0.99 0.00
BOONVILLE_115KV_TB1 79983	27.04 0.43 0.00	24.82 0.37 0.00	23.31 0.34 0.00	22.08 0.33 0.00	21.59 0.28 0.00	22.98 0.32 0.00	25.09 0.44 0.00	27.81 0.41 0.00	30.83 0.43 0.00	32.79 0.45 0.00	33.21 0.46 0.00	35.40 0.73 0.00	38.55 0.68 0.00	40.98 0.80 0.00	40.96 0.53 0.00	41.15 0.48 0.00	43.59 0.47 -0.39	47.62 0.60 -0.50	47.35 0.84 0.00	42.47 0.83 0.00	39.11 0.77 0.00	35.11 0.69 0.00	31.52 0.53 0.00	28.64 0.40 0.00
BORALEX_4TH_BRANCH 23824	28.37 1.76 0.00	26.04 1.59 0.00	24.48 1.52 0.00	23.16 1.41 0.00	22.74 1.43 0.00	24.19 1.52 0.00	26.25 1.60 0.00	29.23 1.84 0.00	32.41 2.01 0.00	34.96 2.10 -0.52	34.85 2.10 0.00	38.35 2.46 -1.21	40.88 2.61 -0.40	43.16 2.81 -0.17	44.59 2.91 -1.24	59.66 2.86 -16.46	65.08 3.25 -19.10	74.48 3.58 -24.39	75.18 3.53 -25.14	44.18 2.54 0.00	40.76 2.42 0.00	36.63 2.20 0.00	32.98 1.99 0.00	29.85 1.61 0.00
BOWLINE___1 23526	28.40 1.78 0.00	26.06 1.61 0.00	24.48 1.52 0.00	23.16 1.41 0.00	22.74 1.43 0.00	24.07 1.41 0.00	26.12 1.48 0.00	29.34 1.95 0.00	32.50 2.10 0.00	31.41 2.26 3.18	34.78 2.03 0.00	35.94 2.25 0.98	38.07 2.61 2.42	41.88 2.73 1.04	35.93 3.07 7.57	32.86 3.43 10.90	35.43 3.63 10.93	35.98 4.14 14.67	59.56 3.63 -9.42	43.85 2.21 0.00	40.34 1.99 0.00	36.28 1.86 0.00	32.85 1.86 0.00	29.76 1.52 0.00
BOWLINE___2 23595	28.43 1.81 0.00	26.09 1.64 0.00	24.48 1.52 0.00	23.16 1.41 0.00	22.74 1.43 0.00	24.07 1.41 0.00	26.15 1.50 0.00	29.39 2.00 0.00	32.53 2.13 0.00	31.44 2.30 3.19	34.78 2.03 0.00	35.94 2.25 0.98	38.06 2.61 2.42	41.87 2.73 1.04	35.92 3.07 7.58	32.88 3.47 10.93	35.45 3.67 10.95	35.94 4.14 14.71	59.56 3.63 -9.42	43.85 2.21 0.00	40.34 1.99 0.00	36.28 1.86 0.00	32.85 1.86 0.00	29.79 1.55 0.00
BRADY___115KV_TB2 356060	25.98 -0.64 0.00	23.94 -0.51 0.00	22.46 -0.51 0.00	21.27 -0.48 0.00	20.80 -0.51 0.00	22.19 -0.48 0.00	24.18 -0.47 0.00	26.74 -0.66 0.00	29.62 -0.79 0.00	31.56 -0.78 0.00	32.00 -0.75 0.00	34.01 -0.66 0.00	37.08 -0.80 0.00	39.42 -0.76 0.00	39.46 -0.97 0.00	39.05 -1.29 0.00	41.44 -1.28 0.00	44.70 -1.81 0.00	44.79 -1.72 0.00	40.85 -0.79 0.00	37.61 -0.73 0.00	33.80 -0.62 0.00	30.31 -0.68 0.00	27.56 -0.68 0.00
BRANSCOMB___SOLAR 323811	28.35 1.73 0.00	26.02 1.57 0.00	24.45 1.49 0.00	23.12 1.37 0.00	22.65 1.34 0.00	24.14 1.47 0.00	26.17 1.53 0.00	29.15 1.75 0.00	32.32 1.92 0.00	34.80 2.01 -0.46	34.71 1.96 0.00	38.36 2.29 -1.40	40.61 2.39 -0.35	42.82 2.49 -0.15	43.76 2.22 -1.10	59.10 2.22 -16.54	64.45 2.48 -19.24	73.95 2.88 -24.55	80.23 3.35 -30.37	44.18 2.54 0.00	40.91 2.57 0.00	36.69 2.27 0.00	32.91 1.92 0.00	29.79 1.55 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.99 3.14 -8.23	34.21 2.86 -6.90	28.16 2.64 -2.55	24.23 2.48 0.00	23.80 2.47 -0.02	25.09 2.43 0.00	27.42 2.76 -0.02	36.32 3.53 -5.39	44.66 3.80 -10.45	48.11 4.07 -11.71	42.79 3.37 -6.66	56.11 3.54 -17.90	63.48 4.09 -21.51	96.39 4.30 -51.91	88.12 4.49 -43.20	101.61 4.19 -57.08	111.33 4.49 -64.11	84.73 5.58 -32.63	66.91 5.35 -15.05	55.69 3.75 -10.30	47.89 3.57 -5.98	38.98 3.20 -1.36	42.83 3.29 -8.55	49.71 3.28 -18.19
BRISTLHL_115KV_TB1 79998	26.19 -0.43 0.00	24.06 -0.39 0.00	22.57 -0.39 0.00	21.38 -0.37 0.00	20.95 -0.36 0.00	22.30 -0.36 0.00	24.28 -0.37 0.00	26.96 -0.44 0.00	29.98 -0.43 0.00	31.85 -0.48 0.00	32.36 -0.39 0.00	34.15 -0.52 0.00	37.30 -0.57 0.00	39.62 -0.56 0.00	39.70 -0.73 0.00	40.41 -0.73 -0.80	42.90 -0.77 -0.95	47.11 -0.60 -1.20	46.09 -0.42 0.00	41.27 -0.37 0.00	38.00 -0.35 0.00	34.04 -0.38 0.00	30.65 -0.34 0.00	27.93 -0.31 0.00
BROOKHAVEN___DRP 24191	37.86 3.01 -8.23	34.07 2.71 -6.90	28.04 2.53 -2.55	24.14 2.39 0.00	23.74 2.41 -0.02	25.00 2.33 0.00	27.32 2.66 -0.02	36.49 3.70 -5.40	43.36 4.01 -8.94	46.47 4.27 -9.87	115.33 3.80 -78.78	117.37 4.06 -78.64	140.42 4.70 -97.85	263.13 4.78 -218.17	232.22 4.97 -186.82	233.01 4.68 -188.00	258.34 4.96 -210.66	111.69 5.77 -59.41	121.26 5.53 -69.22	110.39 3.96 -64.79	59.89 3.60 -17.94	44.12 3.20 -6.50	39.02 3.22 -4.80	39.44 3.11 -8.10
BROOKLYN_NAVY_YARD 23515	28.99 2.37 0.00	26.53 2.08 0.00	24.82 1.86 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.54 1.90 0.00	30.05 2.66 0.00	33.33 2.92 0.00	37.36 3.14 -1.89	35.50 2.75 0.00	38.88 3.01 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.22 4.36 -22.52	72.86 4.70 -25.43	84.53 5.25 -32.76	60.92 4.61 -9.81	44.56 2.91 0.00	41.07 2.72 0.00	36.93 2.51 0.00	33.50 2.51 0.00	30.39 2.15 0.00
BROOKLYN___ARMY_DRP 323595	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76

BROOKVLE_69_KV_TB1 55790	37.65 2.79 -8.23	33.85 2.49 -6.90	27.81 2.30 -2.55	23.90 2.15 0.00	23.46 2.13 -0.02	24.80 2.13 0.00	27.03 2.37 -0.02	35.77 2.99 -5.39	36.43 3.38 -2.64	38.37 3.65 -2.38	36.22 3.47 0.00	40.14 3.64 -1.83	47.04 4.17 -5.01	52.47 4.38 -7.91	50.31 4.69 -5.19	67.45 4.68 -22.43	73.01 4.96 -25.33	85.05 5.91 -32.63	61.81 5.49 -9.81	45.89 3.87 -0.37	44.72 3.57 -2.81	37.62 3.20 0.00	38.25 3.16 -4.10	35.11 2.97 -3.91
BROOME_2_LFGE 323671	27.07 0.45 0.00	24.86 0.42 0.00	23.28 0.32 0.00	22.05 0.30 0.00	21.59 0.28 0.00	23.01 0.34 0.00	25.09 0.44 0.00	27.78 0.38 0.00	30.92 0.52 0.00	32.82 0.49 0.00	33.37 0.62 0.00	35.32 0.52 -0.13	38.40 0.53 0.00	40.78 0.60 0.00	41.00 0.57 0.00	43.91 0.56 -3.01	46.92 0.64 -3.55	52.09 1.07 -4.51	51.09 1.30 -3.27	42.72 1.08 0.00	39.26 0.92 0.00	35.18 0.76 0.00	31.67 0.68 0.00	29.09 0.85 0.00
BROOME___LFGE 323600	27.07 0.45 0.00	24.86 0.42 0.00	23.28 0.32 0.00	22.05 0.30 0.00	21.59 0.28 0.00	23.01 0.34 0.00	25.09 0.44 0.00	27.78 0.38 0.00	30.92 0.52 0.00	32.82 0.49 0.00	33.37 0.62 0.00	35.32 0.52 -0.13	38.40 0.53 0.00	40.78 0.60 0.00	41.00 0.57 0.00	43.91 0.56 -3.01	46.92 0.64 -3.55	52.09 1.07 -4.51	51.09 1.30 -3.27	42.72 1.08 0.00	39.26 0.92 0.00	35.18 0.76 0.00	31.67 0.68 0.00	29.09 0.85 0.00
BROWNFLS_115KV_TB_3_5 80003	25.82 -0.80 0.00	23.76 -0.68 0.00	22.32 -0.64 0.00	21.12 -0.63 0.00	20.65 -0.66 0.00	22.01 -0.66 0.00	24.03 -0.62 0.00	26.60 -0.79 0.00	29.49 -0.91 0.00	31.36 -0.97 0.00	31.80 -0.95 0.00	33.81 -0.87 0.00	36.85 -1.02 0.00	39.13 -1.04 0.00	39.14 -1.29 0.00	39.07 -1.53 -0.27	41.37 -1.67 -0.31	44.91 -2.00 -0.40	44.74 -1.77 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.59 -0.83 0.00	30.12 -0.87 0.00	27.34 -0.90 0.00
BROWNSV1_27_KV_LOAD 356125	29.28 2.66 0.00	26.77 2.32 0.00	25.05 2.09 0.00	23.68 1.94 0.00	23.25 1.94 0.00	24.62 1.95 0.00	26.79 2.14 0.00	30.27 2.88 0.00	33.63 3.22 0.00	37.71 3.49 -1.89	35.93 3.18 0.00	39.26 3.40 -1.19	43.25 3.94 -1.43	44.93 4.14 -0.62	49.29 4.37 -4.50	67.78 4.92 -22.52	73.46 5.30 -25.43	85.18 5.91 -32.77	61.57 5.26 -9.81	45.14 3.50 0.00	41.60 3.26 0.00	37.45 3.03 0.00	33.87 2.88 0.00	31.04 2.80 0.00
BURROWS___LYONSDAL 23803	26.94 0.32 0.00	24.72 0.27 0.00	23.21 0.25 0.00	21.97 0.22 0.00	21.48 0.17 0.00	22.89 0.23 0.00	24.99 0.35 0.00	27.70 0.30 0.00	30.68 0.27 0.00	32.62 0.29 0.00	33.08 0.33 0.00	35.23 0.55 0.00	38.37 0.49 0.00	40.78 0.60 0.00	40.75 0.32 0.00	40.92 0.24 -0.34	43.30 0.17 -0.40	47.35 0.33 -0.51	47.12 0.60 0.00	42.31 0.67 0.00	38.96 0.61 0.00	34.94 0.52 0.00	31.36 0.37 0.00	28.49 0.25 0.00
CAITHNESS_CC_1 323624	37.80 2.95 -8.23	33.99 2.64 -6.90	28.00 2.48 -2.55	24.10 2.35 0.00	23.69 2.37 -0.02	24.93 2.27 0.00	27.25 2.59 -0.02	36.41 3.62 -5.40	43.18 3.86 -8.91	46.25 4.07 -9.84	67.90 3.47 -31.68	116.80 3.88 -78.24	200.88 4.43 -158.58	261.84 4.58 -217.09	231.08 4.77 -185.89	231.92 4.44 -187.14	257.13 4.70 -209.71	124.29 5.58 -72.20	119.66 5.35 -67.80	109.30 3.75 -63.91	59.66 3.45 -17.86	43.92 3.03 -6.46	38.91 3.13 -4.79	39.06 2.74 -8.09
CALPINE BETH_PAGE_GT4 24209	37.67 2.82 -8.23	33.97 2.62 -6.90	27.93 2.41 -2.55	24.01 2.26 0.00	23.57 2.24 -0.02	24.89 2.22 0.00	27.18 2.51 -0.02	35.85 3.07 -5.39	36.89 3.41 -3.08	38.88 3.65 -2.90	36.51 3.34 -0.42	41.12 3.61 -2.85	46.97 4.09 -5.01	55.17 4.30 -10.69	52.60 4.57 -7.60	69.27 4.32 -24.62	75.08 4.57 -27.78	84.82 5.67 -32.63	62.35 5.35 -10.49	46.60 3.79 -1.17	44.88 3.53 -3.01	37.67 3.17 -0.09	37.72 3.13 -3.60	35.89 2.97 -4.68
CALPINE_BETH_PAGE_GT_4 323586	37.67 2.82 -8.23	33.97 2.62 -6.90	27.93 2.41 -2.56	24.01 2.26 0.00	23.57 2.24 -0.02	24.89 2.22 0.00	27.18 2.52 -0.02	35.88 3.09 -5.39	36.89 3.40 -3.08	38.88 3.65 -2.90	36.38 3.21 -0.42	41.16 3.64 -2.85	49.01 4.09 -7.05	55.17 4.30 -10.69	52.59 4.57 -7.60	69.27 4.32 -24.62	75.08 4.57 -27.78	85.28 5.67 -33.09	62.34 5.35 -10.49	46.60 3.79 -1.17	44.84 3.49 -3.01	37.61 3.10 -0.09	37.72 3.13 -3.60	35.60 2.68 -4.68
CALPINE_BP_GT1 23823	37.67 2.82 -8.23	33.97 2.62 -6.90	27.93 2.41 -2.56	24.01 2.26 0.00	23.57 2.24 -0.02	24.89 2.22 0.00	27.18 2.52 -0.02	35.88 3.09 -5.39	36.89 3.40 -3.08	38.88 3.65 -2.90	36.38 3.21 -0.42	41.16 3.64 -2.85	49.01 4.09 -7.05	55.17 4.30 -10.69	52.59 4.57 -7.60	69.27 4.32 -24.62	75.08 4.57 -27.78	85.28 5.67 -33.09	62.34 5.35 -10.49	46.60 3.79 -1.17	44.84 3.49 -3.01	37.61 3.10 -0.09	37.72 3.13 -3.60	35.60 2.68 -4.68
CALSPAN___DRP 24200	26.72 0.11 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.57 -0.17 0.00	21.10 -0.21 0.00	22.58 -0.09 0.00	24.74 0.10 0.00	26.99 -0.41 0.00	29.95 -0.46 0.00	31.65 -0.68 0.00	32.52 -0.23 0.00	33.94 -0.80 -0.06	36.77 -1.10 0.00	39.13 -1.04 0.00	39.58 -0.85 0.00	40.85 -1.09 -1.60	43.63 -0.98 -1.89	48.91 0.00 -2.40	48.20 0.14 -1.55	42.18 0.54 0.00	38.65 0.31 0.00	34.66 0.24 0.00	31.30 0.31 0.00	28.52 0.28 0.00
CALVERTON___SOLAR 323806	37.99 3.14 -8.23	34.16 2.81 -6.90	28.13 2.62 -2.55	24.25 2.50 0.00	23.84 2.51 -0.02	25.09 2.43 0.00	27.42 2.76 -0.02	36.71 3.92 -5.40	43.58 4.23 -8.95	46.71 4.49 -9.88	112.25 3.96 -75.54	117.89 4.40 -78.81	202.64 5.04 -159.73	264.04 5.22 -218.64	232.96 5.30 -187.23	233.71 5.00 -188.37	259.10 5.30 -211.08	126.21 6.09 -73.61	122.13 5.86 -69.76	110.98 4.20 -65.14	60.15 3.83 -17.97	44.31 3.38 -6.51	39.21 3.41 -4.81	39.30 2.96 -8.10
CANDIGU_WT_PWR 323617	27.02 0.40 0.00	24.79 0.34 0.00	23.10 0.14 0.00	21.88 0.13 0.00	21.40 0.09 0.00	22.89 0.23 0.00	25.04 0.39 0.00	27.42 0.03 0.00	30.62 0.21 0.00	32.43 0.10 0.00	33.27 0.52 0.00	34.79 0.03 -0.08	37.68 -0.19 0.00	40.06 -0.12 0.00	40.23 -0.20 0.00	42.14 -0.28 -2.09	44.98 -0.21 -2.47	50.24 0.60 -3.13	49.56 0.93 -2.12	42.72 1.08 0.00	39.23 0.88 0.00	35.07 0.65 0.00	31.73 0.74 0.00	29.54 1.30 0.00
CARR STREET_E__SYR 24060	26.48 -0.13 0.00	24.33 -0.12 0.00	22.80 -0.16 0.00	21.60 -0.15 0.00	21.14 -0.17 0.00	22.53 -0.14 0.00	24.52 -0.12 0.00	27.23 -0.16 0.00	30.35 -0.06 0.00	32.20 -0.13 0.00	32.72 -0.03 0.00	34.60 -0.07 0.00	37.76 -0.11 0.00	40.10 -0.08 0.00	40.19 -0.24 0.00	41.02 -0.20 -0.88	43.51 -0.25 -1.04	47.83 0.00 -1.32	46.65 0.14 0.00	41.81 0.17 0.00	38.46 0.12 0.00	34.42 0.00 0.00	30.96 -0.03 0.00	28.35 0.11 0.00
CARTHAGE___PAPER 23857	26.54 -0.08 0.00	24.38 -0.07 0.00	22.89 -0.07 0.00	21.66 -0.09 0.00	21.16 -0.15 0.00	22.58 -0.09 0.00	24.65 0.00 0.00	27.34 -0.05 0.00	30.26 -0.15 0.00	32.14 -0.19 0.00	32.55 -0.20 0.00	34.67 0.00 0.00	37.72 -0.15 0.00	40.06 -0.12 0.00	39.86 -0.57 0.00	40.10 -0.69 -0.45	42.32 -0.94 -0.54	46.31 -0.89 -0.68	46.05 -0.47 0.00	41.68 0.04 0.00	38.42 0.08 0.00	34.49 0.07 0.00	30.93 -0.06 0.00	28.10 -0.14 0.00

CASSADAGA_WT_PWR 323784	27.39 0.77 0.00	25.11 0.66 0.00	23.31 0.34 0.00	22.10 0.35 0.00	21.57 0.26 0.00	23.16 0.50 0.00	25.43 0.79 0.00	27.70 0.30 0.00	31.01 0.61 0.00	32.85 0.52 0.00	34.02 1.28 0.00	35.43 0.69 -0.06	38.25 0.38 0.00	40.54 0.36 0.00	40.79 0.36 0.00	42.17 0.16 -1.67	44.91 0.21 -1.97	50.17 1.16 -2.50	49.68 1.53 -1.64	43.52 1.88 0.00	39.84 1.49 0.00	35.76 1.34 0.00	32.35 1.36 0.00	30.47 2.23 0.00
CE_DUNWOOD___DRP 24194	28.72 2.10 0.00	26.33 1.88 0.00	24.68 1.72 0.00	23.36 1.61 0.00	22.93 1.62 0.00	24.28 1.61 0.00	26.40 1.75 0.00	29.70 2.30 0.00	32.99 2.58 0.00	37.12 2.78 -2.01	35.30 2.55 0.00	38.65 2.74 -1.24	42.58 3.18 -1.52	44.17 3.33 -0.65	48.89 3.68 -4.78	67.67 4.07 -23.26	73.27 4.32 -26.23	85.16 4.84 -33.81	60.62 4.33 -9.78	44.47 2.83 0.00	40.91 2.57 0.00	36.80 2.38 0.00	33.25 2.26 0.00	30.44 2.20 0.00
CE_MILLWOOD___DRP 24193	28.64 2.02 0.00	26.26 1.81 0.00	24.64 1.68 0.00	23.31 1.57 0.00	22.87 1.56 0.00	24.21 1.54 0.00	26.32 1.68 0.00	29.59 2.19 0.00	32.84 2.43 0.00	37.17 2.65 -2.19	35.17 2.42 0.00	38.59 2.60 -1.32	42.60 3.07 -1.66	44.11 3.21 -0.71	49.20 3.56 -5.21	68.64 3.91 -24.39	74.33 4.14 -27.46	86.62 4.70 -35.41	60.38 4.14 -9.73	44.31 2.67 0.00	40.80 2.45 0.00	36.69 2.27 0.00	33.13 2.14 0.00	30.33 2.09 0.00
CE_NYC2_DRP 24202	29.09 2.48 0.00	26.62 2.18 0.00	24.94 1.97 0.00	23.55 1.81 0.00	23.12 1.81 0.00	24.41 1.75 0.00	26.54 1.90 0.00	30.09 2.68 -0.01	33.42 3.01 -0.01	37.46 3.23 -1.90	35.66 2.91 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.65 3.72 -4.50	67.17 4.32 -22.52	72.77 4.61 -25.43	84.39 5.12 -32.76	60.73 4.42 -9.80	44.56 2.91 0.00	41.22 2.88 0.00	37.11 2.68 0.00	33.66 2.67 -0.01	30.87 2.63 -0.01
CE_NYC_DRP 24195	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.57 1.92 0.00	30.00 2.60 0.00	33.33 2.92 0.00	37.39 3.17 -1.89	35.60 2.85 0.00	38.91 3.05 -1.19	42.83 3.52 -1.43	44.49 3.70 -0.62	48.89 3.96 -4.50	67.30 4.44 -22.53	72.90 4.74 -25.43	84.58 5.30 -32.77	60.97 4.65 -9.81	44.64 3.00 0.00	41.14 2.80 0.00	37.04 2.62 0.00	33.50 2.51 0.00	30.73 2.49 0.00
CHAFFEE___LFGE 323603	26.75 0.13 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.62 -0.13 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.77 0.12 0.00	26.82 -0.58 0.00	30.01 -0.40 0.00	31.78 -0.55 0.00	32.81 0.07 0.00	34.15 -0.59 -0.06	36.93 -0.95 0.00	39.26 -0.92 0.00	39.70 -0.73 0.00	40.98 -1.01 -1.65	43.86 -0.81 -1.95	49.13 0.14 -2.47	48.50 0.37 -1.62	42.43 0.79 0.00	38.84 0.50 0.00	34.77 0.34 0.00	31.42 0.43 0.00	29.65 1.41 0.00
CHATEAUG_35_KV_LOAD 355732	26.19 -0.43 0.00	24.16 -0.29 0.00	22.69 -0.28 0.00	21.49 -0.26 0.00	21.06 -0.26 0.00	22.49 -0.18 0.00	24.52 -0.12 0.00	27.23 -0.16 0.00	30.28 -0.12 0.00	32.24 -0.10 0.00	32.68 -0.07 0.00	34.53 -0.14 0.00	37.68 -0.19 0.00	39.98 -0.20 0.00	40.11 -0.32 0.00	39.61 -0.73 0.00	42.13 -0.60 0.00	45.49 -1.02 0.00	45.53 -0.98 0.00	41.81 0.17 0.00	38.42 0.08 0.00	34.42 0.00 0.00	30.68 -0.31 0.00	27.76 -0.48 0.00
CHATEAUG_WT_PWR 323614	26.30 -0.32 0.00	24.25 -0.20 0.00	22.78 -0.18 0.00	21.55 -0.20 0.00	21.14 -0.17 0.00	22.55 -0.11 0.00	24.62 -0.02 0.00	27.37 -0.03 0.00	30.44 0.03 0.00	32.40 0.06 0.00	32.85 0.10 0.00	34.64 -0.03 0.00	37.83 -0.04 0.00	40.14 -0.04 0.00	40.31 -0.12 0.00	39.81 -0.53 0.00	42.34 -0.39 0.00	45.72 -0.79 0.00	45.77 -0.75 0.00	41.97 0.33 0.00	38.57 0.23 0.00	34.56 0.14 0.00	30.81 -0.18 0.00	27.84 -0.40 0.00
CHAT_HIGH_FALL_HYD 323578	26.19 -0.43 0.00	24.16 -0.29 0.00	22.69 -0.27 0.00	21.49 -0.26 0.00	21.06 -0.25 0.00	22.48 -0.18 0.00	24.52 -0.12 0.00	27.23 -0.16 0.00	30.29 -0.12 0.00	32.24 -0.10 0.00	32.68 -0.07 0.00	34.53 -0.14 0.00	37.68 -0.19 0.00	39.98 -0.20 0.00	40.11 -0.32 0.00	39.61 -0.72 0.00	42.13 -0.60 0.00	45.49 -1.02 0.00	45.53 -0.98 0.00	41.81 0.17 0.00	38.42 0.08 0.00	34.42 0.00 0.00	30.68 -0.31 0.00	27.73 -0.51 0.00
CHAUTAUQUA___LFGE 323629	27.18 0.56 0.00	24.91 0.46 0.00	23.15 0.18 0.00	21.92 0.17 0.00	21.42 0.11 0.00	22.94 0.27 0.00	25.19 0.54 0.00	27.40 0.00 0.00	30.65 0.24 0.00	32.50 0.16 0.00	33.57 0.82 0.00	34.91 0.17 -0.06	37.76 -0.11 0.00	40.10 -0.08 0.00	40.47 0.04 0.00	41.86 -0.12 -1.64	44.66 0.00 -1.94	49.99 1.02 -2.46	49.28 1.16 -1.61	43.18 1.54 0.00	39.53 1.19 0.00	35.38 0.96 0.00	32.05 1.05 0.00	30.13 1.89 0.00
CHERRYST_13_KV_LD 356241	29.09 2.48 0.00	26.62 2.18 0.00	24.91 1.95 0.00	23.55 1.81 0.00	23.12 1.81 0.00	24.48 1.81 0.00	26.67 2.02 0.00	30.14 2.74 0.00	33.48 3.07 0.00	37.55 3.33 -1.89	35.79 3.05 0.00	39.09 3.22 -1.19	43.06 3.75 -1.43	44.73 3.94 -0.62	49.09 4.16 -4.50	67.54 4.68 -22.53	73.16 5.00 -25.43	84.86 5.58 -32.77	61.20 4.88 -9.81	44.81 3.16 0.00	41.30 2.95 0.00	37.14 2.72 0.00	33.63 2.63 0.00	30.84 2.60 0.00
CHESTROR_138KV_BK263 355645	28.24 1.62 0.00	25.92 1.47 0.00	24.32 1.35 0.00	23.03 1.28 0.00	22.57 1.26 0.00	23.91 1.25 0.00	25.98 1.33 0.00	29.04 1.64 0.00	32.23 1.82 0.00	32.50 1.94 1.78	34.52 1.77 0.00	36.17 1.91 0.40	38.83 2.31 1.35	42.01 2.41 0.58	38.83 2.63 4.23	40.99 2.94 2.29	44.23 3.12 1.62	47.55 3.53 2.50	58.62 3.21 -8.90	43.68 2.04 0.00	40.18 1.84 0.00	36.18 1.76 0.00	32.70 1.70 0.00	29.88 1.64 0.00
CH_MIDHUDSON___DRP 24192	28.56 1.94 0.00	26.18 1.74 0.00	24.57 1.61 0.00	23.29 1.54 0.00	22.82 1.51 0.00	24.16 1.50 0.00	26.25 1.60 0.00	29.29 1.89 0.00	32.53 2.13 0.00	35.04 2.26 -0.45	34.84 2.10 0.00	37.52 2.25 -0.59	40.94 2.73 -0.34	43.18 2.85 -0.15	44.57 3.07 -1.06	57.06 3.35 -13.38	61.83 3.59 -15.52	70.37 4.05 -19.81	60.36 3.72 -10.13	44.06 2.42 0.00	40.57 2.22 0.00	36.52 2.10 0.00	33.01 2.01 0.00	30.19 1.95 0.00
CH_MISC_IPPS 23765	28.75 2.13 0.00	26.33 1.88 0.00	24.73 1.77 0.00	23.40 1.65 0.00	22.91 1.60 0.00	24.28 1.61 0.00	26.37 1.72 0.00	29.42 2.03 0.00	32.60 2.19 0.00	34.79 2.30 -0.16	34.85 2.10 0.00	37.49 2.36 -0.46	40.91 2.92 -0.12	43.25 3.01 -0.05	44.05 3.24 -0.38	55.12 3.51 -11.28	59.65 3.72 -13.21	67.52 4.19 -16.82	60.36 3.95 -9.89	44.22 2.58 0.00	40.68 2.34 0.00	36.63 2.20 0.00	33.10 2.11 0.00	30.07 1.83 0.00
CH_RES_BVR_FALLS 23983	26.22 -0.40 0.00	24.08 -0.37 0.00	22.64 -0.32 0.00	21.44 -0.30 0.00	21.01 -0.30 0.00	22.37 -0.30 0.00	24.35 -0.29 0.00	26.96 -0.44 0.00	29.92 -0.49 0.00	31.81 -0.52 0.00	32.22 -0.53 0.00	34.15 -0.52 0.00	37.31 -0.57 0.00	39.58 -0.60 0.00	39.78 -0.65 0.00	39.61 -0.72 0.00	42.00 -0.73 0.00	45.49 -1.02 0.00	45.49 -1.02 0.00	41.02 -0.62 0.00	37.77 -0.57 0.00	33.91 -0.52 0.00	30.49 -0.50 0.00	27.73 -0.51 0.00

CH_RES_NIAGARA 23895	25.84 -0.77 0.00	23.72 -0.73 0.00	22.07 -0.90 0.00	20.90 -0.85 0.00	20.44 -0.87 0.00	21.83 -0.84 0.00	23.91 -0.74 0.00	25.81 -1.59 0.00	28.82 -1.58 0.00	30.46 -1.88 0.00	31.40 -1.34 0.00	32.58 -2.15 -0.06	35.18 -2.69 0.00	37.41 -2.77 0.00	37.80 -2.63 0.00	39.26 -2.54 -1.47	41.81 -2.65 -1.73	47.04 -1.67 -2.20	46.06 -1.86 -1.41	40.64 -1.00 0.00	37.27 -1.07 0.00	33.32 -1.10 0.00	30.19 -0.81 0.00	28.64 0.40 0.00
CH_RES_SYRACUSE 23985	26.64 0.03 0.00	24.47 0.02 0.00	22.94 -0.02 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.69 0.02 0.00	24.69 0.05 0.00	27.40 0.00 0.00	30.53 0.12 0.00	32.40 0.06 0.00	32.95 0.20 0.00	34.88 0.17 -0.03	38.02 0.15 0.00	40.38 0.20 0.00	40.47 0.04 0.00	41.40 0.08 -0.98	43.93 0.04 -1.16	48.26 0.28 -1.47	47.90 0.51 -0.87	42.10 0.46 0.00	38.77 0.42 0.00	34.66 0.24 0.00	31.21 0.22 0.00	28.58 0.34 0.00
CLINTON_WT_PWR 323605	26.30 -0.32 0.00	24.25 -0.20 0.00	22.78 -0.18 0.00	21.55 -0.20 0.00	21.14 -0.17 0.00	22.55 -0.11 0.00	24.62 -0.02 0.00	27.37 -0.03 0.00	30.44 0.03 0.00	32.40 0.06 0.00	32.85 0.10 0.00	34.64 -0.03 0.00	37.83 -0.04 0.00	40.14 -0.04 0.00	40.31 -0.12 0.00	39.81 -0.53 0.00	42.34 -0.39 0.00	45.72 -0.79 0.00	45.77 -0.75 0.00	41.97 0.33 0.00	38.57 0.23 0.00	34.56 0.14 0.00	30.81 -0.18 0.00	27.84 -0.40 0.00
CLINTON____LFGE 323618	26.67 0.05 0.00	24.62 0.17 0.00	23.10 0.14 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.87 0.20 0.00	24.99 0.34 0.00	27.75 0.36 0.00	30.83 0.43 0.00	32.85 0.52 0.00	33.34 0.59 0.00	35.16 0.49 0.00	38.40 0.53 0.00	40.74 0.56 0.00	40.92 0.49 0.00	40.26 -0.08 0.00	42.85 0.13 0.00	46.23 -0.28 0.00	46.37 -0.14 0.00	42.77 1.12 0.00	39.26 0.92 0.00	35.21 0.79 0.00	31.30 0.31 0.00	28.27 0.03 0.00
COBBLENY_34_KV_TB1 80064	26.75 0.13 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.57 -0.17 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.77 0.12 0.00	27.04 -0.36 0.00	30.04 -0.36 0.00	31.72 -0.61 0.00	32.58 -0.16 0.00	34.04 -0.69 -0.06	36.93 -0.95 0.00	39.26 -0.92 0.00	39.74 -0.69 0.00	40.99 -1.01 -1.66	43.83 -0.85 -1.96	49.18 0.19 -2.48	48.45 0.33 -1.61	42.35 0.71 0.00	38.76 0.42 0.00	34.77 0.34 0.00	31.36 0.37 0.00	28.55 0.31 0.00
COFFEEN__115KV_TB3 355620	26.83 0.21 0.00	24.64 0.20 0.00	23.15 0.18 0.00	21.90 0.15 0.00	21.38 0.06 0.00	22.80 0.14 0.00	24.92 0.27 0.00	27.67 0.27 0.00	30.62 0.21 0.00	32.49 0.16 0.00	32.98 0.23 0.00	35.12 0.45 0.00	38.18 0.30 0.00	40.58 0.40 0.00	40.31 -0.12 0.00	40.66 -0.20 -0.53	42.75 -0.60 -0.62	46.89 -0.42 -0.79	46.65 0.14 0.00	42.22 0.58 0.00	38.92 0.58 0.00	34.97 0.55 0.00	31.30 0.31 0.00	28.41 0.17 0.00
COLDSPRG_115KV_BK1 355956	27.44 0.83 0.00	25.18 0.73 0.00	23.38 0.41 0.00	22.12 0.37 0.00	21.63 0.32 0.00	23.21 0.54 0.00	25.53 0.89 0.00	28.00 0.60 0.00	31.14 0.73 0.00	32.91 0.58 0.00	33.86 1.11 0.00	35.40 0.66 -0.07	38.29 0.42 0.00	40.66 0.48 0.00	41.08 0.65 0.00	42.23 0.16 -1.73	44.98 0.21 -2.04	50.22 1.12 -2.60	49.88 1.67 -1.70	43.47 1.83 0.00	39.72 1.38 0.00	35.87 1.45 0.00	32.35 1.36 0.00	29.43 1.19 0.00
COLONIE_LFGE____ 323577	28.05 1.44 0.00	25.74 1.29 0.00	24.20 1.24 0.00	22.90 1.15 0.00	22.46 1.15 0.00	23.89 1.22 0.00	25.93 1.28 0.00	28.90 1.51 0.00	32.05 1.64 0.00	34.56 1.74 -0.48	34.42 1.67 0.00	37.95 1.98 -1.30	40.32 2.08 -0.36	42.54 2.21 -0.16	43.76 2.18 -1.14	58.96 2.18 -16.45	64.24 2.39 -19.12	73.61 2.70 -24.40	77.15 2.84 -27.80	43.64 2.00 0.00	40.30 1.95 0.00	36.24 1.82 0.00	32.57 1.58 0.00	29.51 1.27 0.00
COOPERNY_115KV_TB1 80082	27.81 1.20 0.00	25.52 1.08 0.00	23.97 1.01 0.00	22.71 0.96 0.00	22.25 0.94 0.00	23.60 0.93 0.00	25.66 1.01 0.00	28.66 1.26 0.00	31.81 1.40 0.00	33.16 1.49 0.66	34.12 1.38 0.00	36.15 1.49 0.02	39.07 1.70 0.50	41.77 1.81 0.22	40.83 1.98 1.58	45.17 2.22 -2.62	48.57 2.35 -3.50	53.48 2.70 -4.27	55.69 2.47 -6.72	43.22 1.58 0.00	39.76 1.42 0.00	35.76 1.34 0.00	32.26 1.27 0.00	29.48 1.24 0.00
COPENHAGEN_WT_PWR 323753	26.62 0.00 0.00	24.45 0.00 0.00	22.96 0.00 0.00	21.73 -0.02 0.00	21.23 -0.08 0.00	22.62 -0.05 0.00	24.72 0.07 0.00	27.42 0.03 0.00	30.38 -0.03 0.00	32.27 -0.06 0.00	32.68 -0.07 0.00	34.78 0.10 0.00	37.83 -0.04 0.00	40.18 0.00 0.00	40.03 -0.40 0.00	40.43 -0.44 -0.53	42.54 -0.81 -0.63	46.66 -0.65 -0.80	46.33 -0.19 0.00	41.85 0.21 0.00	38.57 0.23 0.00	34.63 0.21 0.00	31.05 0.06 0.00	28.30 0.06 0.00
CORNELL____ 23752	27.36 0.75 0.00	25.13 0.68 0.00	23.54 0.57 0.00	22.27 0.52 0.00	21.80 0.49 0.00	23.28 0.61 0.00	25.38 0.74 0.00	28.14 0.74 0.00	31.26 0.85 0.00	33.11 0.78 0.00	33.67 0.92 0.00	35.66 0.90 -0.09	38.82 0.95 0.00	41.22 1.04 0.00	41.24 0.81 0.00	43.29 0.85 -2.11	46.16 0.94 -2.49	51.11 1.44 -3.16	50.60 1.86 -2.23	43.31 1.67 0.00	39.84 1.50 0.00	35.66 1.24 0.00	32.01 1.02 0.00	29.17 0.93 0.00
CORONA_AV_69_KV_TB1 355595	37.70 2.85 -8.23	33.87 2.52 -6.90	27.84 2.32 -2.55	23.95 2.20 0.00	23.48 2.15 -0.02	24.80 2.13 0.00	27.05 2.39 -0.02	35.74 2.96 -5.39	36.30 3.25 -2.64	38.21 3.49 -2.38	35.99 3.24 0.00	40.00 3.50 -1.83	46.89 4.01 -5.01	52.35 4.26 -7.91	50.19 4.57 -5.19	67.16 4.40 -22.43	72.72 4.66 -25.33	84.91 5.77 -32.63	61.72 5.40 -9.81	45.85 3.83 -0.37	44.68 3.53 -2.81	37.62 3.20 0.00	47.45 3.13 -13.33	35.16 2.97 -3.95
CORTLAND_115KV_TB3 80093	27.10 0.48 0.00	24.89 0.44 0.00	23.31 0.34 0.00	22.08 0.33 0.00	21.61 0.30 0.00	23.05 0.39 0.00	25.11 0.47 0.00	27.86 0.47 0.00	30.98 0.58 0.00	32.85 0.52 0.00	33.37 0.62 0.00	35.36 0.62 -0.07	38.52 0.64 0.00	40.94 0.76 0.00	41.04 0.61 0.00	42.70 0.65 -1.72	45.44 0.68 -2.03	50.12 1.02 -2.58	49.56 1.35 -1.70	42.81 1.17 0.00	39.38 1.04 0.00	35.25 0.83 0.00	31.67 0.68 0.00	28.86 0.62 0.00
COXSACKIE____GT 23611	28.96 2.34 0.00	26.50 2.05 0.00	24.89 1.93 0.00	23.58 1.83 0.00	23.02 1.71 0.00	24.46 1.79 0.00	26.62 1.97 0.00	28.98 1.59 0.00	32.20 1.79 0.00	34.59 1.91 -0.35	34.32 1.57 0.00	37.16 1.66 -0.83	40.30 2.16 -0.27	42.46 2.17 -0.12	43.14 1.86 -0.84	56.71 1.77 -14.60	61.62 1.88 -17.01	70.34 2.14 -21.69	66.14 2.56 -17.07	43.68 2.04 0.00	40.41 2.07 0.00	36.73 2.31 0.00	33.13 2.14 0.00	30.10 1.86 0.00
CPV_VALLEY____CC1 323721	28.00 1.38 0.00	25.70 1.25 0.00	24.13 1.17 0.00	22.84 1.09 0.00	22.40 1.09 0.00	23.73 1.07 0.00	25.78 1.13 0.00	28.87 1.48 0.00	32.02 1.61 0.00	32.98 1.71 1.06	34.29 1.54 0.00	36.27 1.73 0.13	39.07 2.01 0.81	41.92 2.09 0.35	40.24 2.34 2.53	44.47 2.62 -1.52	47.94 2.78 -2.44	52.50 3.16 -2.83	57.45 2.84 -8.10	43.35 1.71 0.00	39.88 1.54 0.00	35.87 1.45 0.00	32.42 1.43 0.00	29.43 1.19 0.00

CPV_VALLEY___CC2 323722	28.00 1.38 0.00	25.70 1.25 0.00	24.13 1.17 0.00	22.84 1.09 0.00	22.40 1.09 0.00	23.73 1.07 0.00	25.78 1.13 0.00	28.87 1.48 0.00	32.02 1.61 0.00	32.98 1.71 1.06	34.29 1.54 0.00	36.27 1.73 0.13	39.07 2.01 0.81	41.92 2.09 0.35	40.24 2.34 2.53	44.47 2.62 -1.52	47.94 2.78 -2.44	52.50 3.16 -2.83	57.45 2.84 -8.10	43.35 1.71 0.00	39.88 1.54 0.00	35.87 1.45 0.00	32.42 1.43 0.00	29.43 1.19 0.00
CRESCENT___HYD 24018	28.05 1.44 0.00	25.74 1.29 0.00	24.20 1.24 0.00	22.90 1.15 0.00	22.46 1.15 0.00	23.89 1.22 0.00	25.93 1.28 0.00	28.90 1.51 0.00	32.05 1.64 0.00	34.56 1.74 -0.48	34.42 1.67 0.00	37.95 1.98 -1.30	40.32 2.08 -0.36	42.54 2.21 -0.16	43.76 2.18 -1.14	58.96 2.18 -16.45	64.24 2.39 -19.12	73.61 2.70 -24.40	77.15 2.84 -27.80	43.64 2.00 0.00	40.30 1.95 0.00	36.24 1.82 0.00	32.57 1.58 0.00	29.51 1.27 0.00
CRICKET___VALLEY_CC1 323756	28.21 1.60 0.00	25.89 1.44 0.00	24.34 1.38 0.00	23.05 1.30 0.00	22.63 1.32 0.00	23.98 1.31 0.00	26.00 1.35 0.00	29.10 1.70 0.00	32.26 1.86 0.00	35.23 1.97 -0.93	34.58 1.83 0.00	37.57 2.08 -0.82	40.93 2.35 -0.71	42.97 2.49 -0.30	45.39 2.75 -2.21	60.23 2.94 -16.95	65.37 3.21 -19.44	75.05 3.63 -24.91	60.54 3.25 -10.77	43.68 2.04 0.00	40.22 1.88 0.00	36.21 1.79 0.00	32.66 1.67 0.00	29.62 1.38 0.00
CRICKET___VALLEY_CC2 323757	28.21 1.60 0.00	25.89 1.44 0.00	24.34 1.38 0.00	23.05 1.30 0.00	22.63 1.32 0.00	23.98 1.31 0.00	26.00 1.35 0.00	29.10 1.70 0.00	32.26 1.86 0.00	35.23 1.97 -0.93	34.58 1.83 0.00	37.57 2.08 -0.82	40.93 2.35 -0.71	42.97 2.49 -0.30	45.39 2.75 -2.21	60.23 2.94 -16.95	65.37 3.21 -19.44	75.05 3.63 -24.91	60.54 3.25 -10.77	43.68 2.04 0.00	40.22 1.88 0.00	36.21 1.79 0.00	32.66 1.67 0.00	29.62 1.38 0.00
CRICKET___VALLEY_CC3 323758	28.21 1.60 0.00	25.89 1.44 0.00	24.34 1.38 0.00	23.05 1.30 0.00	22.63 1.32 0.00	23.98 1.31 0.00	26.00 1.35 0.00	29.10 1.70 0.00	32.26 1.86 0.00	35.23 1.97 -0.93	34.58 1.83 0.00	37.57 2.08 -0.82	40.93 2.35 -0.71	42.97 2.49 -0.30	45.39 2.75 -2.21	60.23 2.94 -16.95	65.37 3.21 -19.44	75.05 3.63 -24.91	60.54 3.25 -10.77	43.68 2.04 0.00	40.22 1.88 0.00	36.21 1.79 0.00	32.66 1.67 0.00	29.62 1.38 0.00
CRUCIBLE_METL_DRP 24180	26.64 0.03 0.00	24.47 0.02 0.00	22.94 -0.02 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.69 0.02 0.00	24.69 0.05 0.00	27.42 0.03 0.00	30.53 0.12 0.00	32.40 0.06 0.00	32.91 0.16 0.00	34.85 0.14 -0.03	38.02 0.15 0.00	40.38 0.20 0.00	40.47 0.04 0.00	41.42 0.08 -1.00	43.95 0.04 -1.18	48.29 0.28 -1.50	47.89 0.51 -0.87	42.10 0.46 0.00	38.76 0.42 0.00	34.70 0.28 0.00	31.21 0.22 0.00	28.41 0.17 0.00
DAHOWA___HYDRO 323763	28.40 1.78 0.00	26.04 1.59 0.00	24.48 1.52 0.00	23.14 1.39 0.00	22.68 1.37 0.00	24.16 1.50 0.00	26.22 1.58 0.00	29.20 1.81 0.00	32.41 2.01 0.00	34.86 2.07 -0.46	34.81 2.06 0.00	38.51 2.43 -1.41	40.72 2.50 -0.35	42.90 2.57 -0.15	43.75 2.22 -1.10	59.11 2.22 -16.56	64.47 2.48 -19.26	73.97 2.88 -24.57	80.68 3.44 -30.73	44.27 2.63 0.00	41.03 2.68 0.00	36.79 2.37 0.00	32.94 1.95 0.00	29.79 1.55 0.00
DANC___LFGE 323619	26.46 -0.16 0.00	24.33 -0.12 0.00	22.83 -0.14 0.00	21.62 -0.13 0.00	21.12 -0.19 0.00	22.51 -0.16 0.00	24.57 -0.07 0.00	27.26 -0.14 0.00	30.26 -0.15 0.00	32.11 -0.22 0.00	32.55 -0.20 0.00	34.53 -0.14 0.00	37.61 -0.26 0.00	39.94 -0.24 0.00	39.90 -0.53 0.00	40.39 -0.56 -0.62	42.61 -0.85 -0.74	46.75 -0.70 -0.93	46.19 -0.32 0.00	41.56 -0.08 0.00	38.30 -0.04 0.00	34.39 -0.03 0.00	30.93 -0.06 0.00	28.21 -0.03 0.00
DANSKAMMER___1 23586	28.75 2.13 0.00	26.33 1.88 0.00	24.73 1.77 0.00	23.40 1.65 0.00	22.91 1.60 0.00	24.28 1.61 0.00	26.37 1.72 0.00	29.42 2.03 0.00	32.60 2.19 0.00	34.79 2.30 -0.16	34.85 2.10 0.00	37.49 2.36 -0.46	40.91 2.92 -0.12	43.25 3.01 -0.05	44.05 3.24 -0.38	55.12 3.51 -11.28	59.65 3.72 -13.21	67.52 4.19 -16.82	60.36 3.95 -9.89	44.22 2.58 0.00	40.68 2.34 0.00	36.63 2.20 0.00	33.10 2.11 0.00	30.07 1.83 0.00
DANSKAMMER___2 23589	28.75 2.13 0.00	26.33 1.88 0.00	24.73 1.77 0.00	23.40 1.65 0.00	22.91 1.60 0.00	24.28 1.61 0.00	26.37 1.72 0.00	29.42 2.03 0.00	32.60 2.19 0.00	34.79 2.30 -0.16	34.85 2.10 0.00	37.49 2.36 -0.46	40.91 2.92 -0.12	43.25 3.01 -0.05	44.05 3.24 -0.38	55.12 3.51 -11.28	59.65 3.72 -13.21	67.52 4.19 -16.82	60.36 3.95 -9.89	44.22 2.58 0.00	40.68 2.34 0.00	36.63 2.20 0.00	33.10 2.11 0.00	30.07 1.83 0.00
DANSKAMMER___3 23590	28.75 2.13 0.00	26.33 1.88 0.00	24.73 1.77 0.00	23.40 1.65 0.00	22.91 1.60 0.00	24.28 1.61 0.00	26.37 1.72 0.00	29.42 2.03 0.00	32.60 2.19 0.00	34.79 2.30 -0.16	34.85 2.10 0.00	37.49 2.36 -0.46	40.91 2.92 -0.12	43.25 3.01 -0.05	44.05 3.24 -0.38	55.12 3.51 -11.28	59.65 3.72 -13.21	67.52 4.19 -16.82	60.36 3.95 -9.89	44.22 2.58 0.00	40.68 2.34 0.00	36.63 2.20 0.00	33.10 2.11 0.00	30.07 1.83 0.00
DANSKAMMER___4 23591	28.75 2.13 0.00	26.33 1.88 0.00	24.73 1.77 0.00	23.40 1.65 0.00	22.91 1.60 0.00	24.28 1.61 0.00	26.37 1.72 0.00	29.42 2.03 0.00	32.60 2.19 0.00	34.79 2.30 -0.16	34.85 2.10 0.00	37.49 2.36 -0.46	40.91 2.92 -0.12	43.25 3.01 -0.05	44.05 3.24 -0.38	55.12 3.51 -11.28	59.65 3.72 -13.21	67.52 4.19 -16.82	60.36 3.95 -9.89	44.22 2.58 0.00	40.68 2.34 0.00	36.63 2.20 0.00	33.10 2.11 0.00	30.07 1.83 0.00
DANSKAMMER___DIESEL 23592	28.75 2.13 0.00	26.33 1.88 0.00	24.73 1.77 0.00	23.42 1.67 0.00	22.91 1.60 0.00	24.28 1.61 0.00	26.37 1.73 0.00	29.37 1.97 0.00	32.60 2.19 0.00	34.79 2.30 -0.16	34.88 2.13 0.00	37.42 2.29 -0.46	40.87 2.88 -0.12	43.25 3.01 -0.05	44.05 3.23 -0.38	55.13 3.51 -11.28	59.66 3.72 -13.21	67.51 4.19 -16.82	60.36 3.95 -9.90	44.27 2.62 0.00	40.72 2.38 0.00	36.66 2.24 0.00	33.13 2.14 0.00	30.33 2.09 0.00
DARBY___SOLAR 323810	28.37 1.76 0.00	26.02 1.57 0.00	24.45 1.49 0.00	23.12 1.37 0.00	22.68 1.37 0.00	24.14 1.47 0.00	26.22 1.58 0.00	29.20 1.81 0.00	32.38 1.98 0.00	34.90 2.10 -0.46	34.81 2.06 0.00	38.46 2.39 -1.40	40.72 2.50 -0.35	42.94 2.61 -0.15	43.84 2.30 -1.10	59.18 2.30 -16.55	64.53 2.56 -19.24	73.99 2.93 -24.55	80.29 3.39 -30.39	44.22 2.58 0.00	40.95 2.61 0.00	36.73 2.31 0.00	32.94 1.95 0.00	29.79 1.55 0.00
DASHVILLE___HYD 23610	28.37 1.76 0.00	26.01 1.56 0.00	24.41 1.45 0.00	23.12 1.37 0.00	22.65 1.34 0.00	23.91 1.25 0.00	25.95 1.31 0.00	28.90 1.51 0.00	31.99 1.58 0.00	34.55 2.10 -0.11	34.22 1.47 0.00	36.67 1.49 -0.50	40.65 2.69 -0.09	43.03 2.81 -0.04	43.73 3.03 -0.27	55.02 3.35 -11.33	59.58 3.55 -13.31	67.48 4.05 -16.92	60.96 2.93 -11.52	43.43 1.79 0.00	39.91 1.57 0.00	36.07 1.65 0.00	32.63 1.64 0.00	29.93 1.69 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	38.95 4.10 -8.23	35.02 3.67 -6.90	28.94 3.42 -2.55	24.99 3.24 0.00	24.57 3.24 -0.02	25.84 3.17 0.00	28.26 3.60 -0.02	37.70 4.90 -5.40	44.88 5.50 -8.97	48.15 5.92 -9.90	117.15 5.67 -78.73	119.88 6.17 -79.03	144.03 6.93 -99.23	266.53 7.11 -219.24	235.37 7.20 -187.75	236.00 6.82 -188.84	261.47 7.14 -211.61	115.41 8.28 -60.62	125.13 8.00 -70.62	113.34 6.04 -65.66	61.80 5.44 -18.02	45.74 4.78 -6.53	40.37 4.56 -4.82	40.61 4.26 -8.10
DELAWARE___LFGE 323621	27.74 1.12 0.00	25.45 1.00 0.00	23.93 0.96 0.00	22.64 0.89 0.00	22.18 0.87 0.00	23.60 0.93 0.00	25.68 1.04 0.00	28.52 1.12 0.00	31.65 1.25 0.00	33.63 1.29 0.00	34.03 1.28 0.00	36.37 1.42 -0.28	39.43 1.55 0.00	41.83 1.65 0.00	42.13 1.70 0.00	45.77 1.73 -3.70	48.89 1.79 -4.37	54.15 2.09 -5.55	55.73 2.19 -7.04	43.27 1.62 0.00	39.88 1.53 0.00	35.83 1.41 0.00	32.26 1.27 0.00	29.40 1.16 0.00
DERFIELD_115KV_TB7 355931	26.72 0.11 0.00	24.55 0.10 0.00	23.05 0.09 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.76 0.09 0.00	24.74 0.10 0.00	27.51 0.11 0.00	30.53 0.12 0.00	32.43 0.10 0.00	32.85 0.10 0.00	34.81 0.14 0.00	38.02 0.15 0.00	40.34 0.16 0.00	40.59 0.16 0.00	40.50 0.16 0.00	42.85 0.13 0.00	46.74 0.23 0.00	46.74 0.23 0.00	41.72 0.08 0.00	38.46 0.12 0.00	34.52 0.10 0.00	31.08 0.09 0.00	28.32 0.08 0.00
DOGLEVILLE___HYD 23807	26.72 0.11 0.00	24.52 0.07 0.00	23.05 0.09 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.76 0.09 0.00	24.77 0.12 0.00	27.51 0.11 0.00	30.53 0.12 0.00	32.46 0.13 0.00	32.88 0.13 0.00	35.02 0.35 0.00	38.25 0.38 0.00	40.58 0.40 0.00	40.55 0.12 0.00	40.46 0.12 0.00	42.85 0.13 0.00	46.70 0.19 0.00	46.79 0.28 0.00	41.81 0.17 0.00	38.50 0.15 0.00	34.56 0.14 0.00	31.12 0.12 0.00	28.32 0.08 0.00
DUNKIRK___115KV_TB_200 55889	27.12 0.51 0.00	24.86 0.42 0.00	23.10 0.14 0.00	21.86 0.11 0.00	21.40 0.09 0.00	22.89 0.23 0.00	25.14 0.49 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.33 0.00 0.00	33.24 0.49 0.00	34.70 -0.03 -0.06	37.65 -0.23 0.00	39.98 -0.20 0.00	40.43 0.00 0.00	41.78 -0.20 -1.65	44.58 -0.09 -1.94	49.91 0.93 -2.47	49.18 1.07 -1.60	42.97 1.33 0.00	39.34 1.00 0.00	35.32 0.89 0.00	31.92 0.93 0.00	29.00 0.76 0.00
DUNKIRK___1 23563	27.12 0.51 0.00	24.86 0.42 0.00	23.10 0.14 0.00	21.86 0.11 0.00	21.40 0.09 0.00	22.89 0.23 0.00	25.14 0.49 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.33 0.00 0.00	33.24 0.49 0.00	34.70 -0.03 -0.06	37.65 -0.23 0.00	39.98 -0.20 0.00	40.43 0.00 0.00	41.78 -0.20 -1.65	44.58 -0.09 -1.94	49.91 0.93 -2.47	49.18 1.07 -1.60	42.97 1.33 0.00	39.34 1.00 0.00	35.32 0.89 0.00	31.92 0.93 0.00	29.00 0.76 0.00
DUNKIRK___2 23564	27.12 0.51 0.00	24.86 0.42 0.00	23.10 0.14 0.00	21.86 0.11 0.00	21.40 0.09 0.00	22.89 0.23 0.00	25.14 0.49 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.33 0.00 0.00	33.24 0.49 0.00	34.70 -0.03 -0.06	37.65 -0.23 0.00	39.98 -0.20 0.00	40.43 0.00 0.00	41.78 -0.20 -1.65	44.58 -0.09 -1.94	49.91 0.93 -2.47	49.18 1.07 -1.60	42.97 1.33 0.00	39.34 1.00 0.00	35.32 0.89 0.00	31.92 0.93 0.00	29.00 0.76 0.00
DUNKIRK___3 23565	26.94 0.32 0.00	24.69 0.24 0.00	22.96 0.00 0.00	21.73 -0.02 0.00	21.25 -0.06 0.00	22.73 0.07 0.00	24.97 0.32 0.00	27.29 -0.11 0.00	30.32 -0.09 0.00	32.04 -0.29 0.00	32.91 0.16 0.00	34.39 -0.35 -0.06	37.30 -0.57 0.00	39.62 -0.56 0.00	40.11 -0.32 0.00	41.41 -0.56 -1.64	44.19 -0.47 -1.94	49.53 0.56 -2.46	48.80 0.70 -1.59	42.64 1.00 0.00	39.03 0.69 0.00	35.04 0.62 0.00	31.64 0.65 0.00	28.78 0.54 0.00
DUNKIRK___4 23566	26.94 0.32 0.00	24.69 0.24 0.00	22.96 0.00 0.00	21.73 -0.02 0.00	21.25 -0.06 0.00	22.73 0.07 0.00	24.97 0.32 0.00	27.29 -0.11 0.00	30.32 -0.09 0.00	32.04 -0.29 0.00	32.91 0.16 0.00	34.39 -0.35 -0.06	37.30 -0.57 0.00	39.62 -0.56 0.00	40.11 -0.32 0.00	41.41 -0.56 -1.64	44.19 -0.47 -1.94	49.53 0.56 -2.46	48.80 0.70 -1.59	42.64 1.00 0.00	39.03 0.69 0.00	35.04 0.62 0.00	31.64 0.65 0.00	28.78 0.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.83 2.21 0.00	26.40 1.96 0.00	24.75 1.79 0.00	23.42 1.67 0.00	22.97 1.66 0.00	24.34 1.68 0.00	26.47 1.82 0.00	29.81 2.41 0.00	33.11 2.71 0.00	37.13 2.91 -1.89	35.43 2.69 0.00	38.74 2.88 -1.19	42.64 3.33 -1.43	44.29 3.50 -0.62	48.76 3.84 -4.49	67.08 4.24 -22.51	72.63 4.49 -25.42	84.28 5.02 -32.75	60.83 4.51 -9.81	44.60 2.96 0.00	41.07 2.72 0.00	36.93 2.51 0.00	33.38 2.39 0.00	30.56 2.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.45 1.84 0.00	26.09 1.64 0.00	24.48 1.52 0.00	23.18 1.44 0.00	22.72 1.41 0.00	24.05 1.38 0.00	26.12 1.48 0.00	29.18 1.78 0.00	32.38 1.98 0.00	33.96 2.10 0.47	34.65 1.90 0.00	36.89 2.05 -0.17	40.05 2.54 0.36	42.68 2.65 0.15	42.17 2.87 1.13	50.27 3.19 -6.75	54.35 3.38 -8.25	60.68 3.81 -10.36	59.51 3.49 -9.51	43.89 2.25 0.00	40.37 2.03 0.00	36.35 1.93 0.00	32.85 1.86 0.00	30.05 1.81 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.60 1.85 0.00	23.17 1.85 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.36 2.95 -0.01	37.46 3.23 -1.90	35.53 2.78 0.00	38.91 3.05 -1.19	42.91 3.60 -1.43	44.57 3.78 -0.62	48.44 3.52 -4.50	67.17 4.32 -22.52	72.77 4.61 -25.43	84.39 5.12 -32.76	60.68 4.37 -9.80	44.51 2.87 0.00	41.22 2.88 0.00	37.07 2.65 0.00	33.66 2.67 -0.01	30.90 2.65 -0.01
E179THST_13_KV_LOAD 356214	29.37 2.74 -0.01	26.88 2.42 -0.01	25.15 2.18 -0.01	23.73 1.98 0.00	23.29 1.98 0.00	24.50 1.84 0.00	26.62 1.97 0.00	30.28 2.88 -0.01	33.58 3.16 -0.01	37.69 3.46 -1.90	35.73 2.98 0.00	39.16 3.29 -1.19	43.17 3.86 -1.43	44.85 4.06 -0.62	48.73 3.80 -4.50	67.50 4.64 -22.52	73.16 5.00 -25.43	84.81 5.53 -32.76	61.10 4.79 -9.80	44.85 3.21 0.00	41.53 3.18 0.00	37.31 2.89 0.00	33.88 2.88 -0.01	31.10 2.85 -0.01
EAST HAMPTON___GT 23717	39.48 4.63 -8.23	35.51 4.16 -6.90	29.37 3.86 -2.55	25.40 3.65 0.00	24.99 3.67 -0.02	26.25 3.58 0.00	28.73 4.07 -0.02	38.30 5.51 -5.40	45.52 6.14 -8.97	48.86 6.63 -9.90	118.45 6.35 -79.35	120.82 7.11 -79.04	205.94 7.88 -160.19	267.53 8.08 -219.28	236.50 8.29 -187.78	237.03 7.83 -188.87	262.53 8.16 -211.64	130.61 9.68 -74.42	126.50 9.30 -70.68	114.46 7.12 -65.70	62.77 6.40 -18.02	46.53 5.58 -6.53	41.15 5.33 -4.82	41.09 4.74 -8.11
EAST RIVER___6 23660	28.99 2.37 0.00	26.53 2.08 0.00	24.82 1.86 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.37 1.70 0.00	26.54 1.90 0.00	30.05 2.66 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.57 2.82 0.00	38.92 3.05 -1.19	42.83 3.52 -1.43	44.49 3.69 -0.62	48.97 4.04 -4.50	67.42 4.56 -22.52	73.03 4.87 -25.43	84.72 5.44 -32.77	61.06 4.75 -9.81	44.60 2.96 0.00	41.11 2.76 0.00	37.00 2.58 0.00	33.50 2.51 0.00	30.39 2.15 0.00

EAST RIVER___7 23524	28.99 2.37 0.00	26.53 2.08 0.00	24.82 1.86 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.37 1.70 0.00	26.54 1.90 0.00	30.05 2.66 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.57 2.82 0.00	38.92 3.05 -1.19	42.83 3.52 -1.43	44.49 3.69 -0.62	48.97 4.04 -4.50	67.42 4.56 -22.52	73.03 4.87 -25.43	84.72 5.44 -32.77	61.06 4.75 -9.81	44.60 2.96 0.00	41.11 2.76 0.00	37.00 2.58 0.00	33.50 2.51 0.00	30.39 2.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.72 2.10 0.00	26.33 1.88 0.00	24.68 1.72 0.00	23.36 1.61 0.00	22.93 1.62 0.00	24.28 1.61 0.00	26.40 1.75 0.00	29.70 2.30 0.00	32.99 2.58 0.00	37.12 2.78 -2.01	35.30 2.55 0.00	38.65 2.74 -1.24	42.58 3.18 -1.52	44.17 3.33 -0.65	48.89 3.68 -4.78	67.67 4.07 -23.26	73.27 4.32 -26.23	85.16 4.84 -33.81	60.62 4.33 -9.78	44.47 2.83 0.00	40.91 2.57 0.00	36.80 2.38 0.00	33.25 2.26 0.00	30.44 2.20 0.00
EAST_HAMPTON___DIESEL 23722	39.48 4.63 -8.23	35.51 4.16 -6.90	29.37 3.86 -2.55	25.43 3.68 0.00	24.99 3.67 -0.02	26.25 3.58 0.00	28.75 4.09 -0.02	38.30 5.51 -5.40	45.55 6.17 -8.97	48.90 6.66 -9.90	118.45 6.39 -79.32	120.86 7.14 -79.04	205.94 7.88 -160.19	267.57 8.12 -219.28	236.49 8.29 -187.78	237.03 7.83 -188.87	262.52 8.16 -211.64	130.61 9.68 -74.42	126.54 9.35 -70.68	114.50 7.16 -65.70	62.80 6.44 -18.02	46.57 5.61 -6.53	41.15 5.33 -4.82	41.09 4.74 -8.11
EAST_PULASKI___ESR 323781	26.32 -0.29 0.00	24.20 -0.24 0.00	22.71 -0.25 0.00	21.51 -0.24 0.00	21.06 -0.26 0.00	22.42 -0.25 0.00	24.42 -0.22 0.00	27.12 -0.27 0.00	30.13 -0.27 0.00	32.01 -0.32 0.00	32.49 -0.26 0.00	34.29 -0.38 0.00	37.38 -0.49 0.00	39.70 -0.48 0.00	39.74 -0.69 0.00	40.34 -0.73 -0.73	42.69 -0.90 -0.86	46.86 -0.74 -1.10	46.00 -0.51 0.00	41.31 -0.33 0.00	38.04 -0.31 0.00	34.15 -0.28 0.00	30.81 -0.19 0.00	28.04 -0.20 0.00
EAST_RIVER___1 323558	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.57 1.92 0.00	30.05 2.66 0.00	33.33 2.92 0.00	37.36 3.14 -1.89	35.57 2.82 0.00	38.95 3.08 -1.19	42.87 3.56 -1.43	44.49 3.69 -0.62	48.89 3.96 -4.50	67.30 4.44 -22.52	72.90 4.74 -25.43	84.58 5.30 -32.77	60.97 4.75 -9.81	44.60 2.96 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.47 2.48 0.00	30.39 2.15 0.00
EAST_RIVER___2 323559	28.99 2.37 0.00	26.53 2.08 0.00	24.82 1.86 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.37 1.70 0.00	26.54 1.90 0.00	30.05 2.66 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.57 2.82 0.00	38.92 3.05 -1.19	42.83 3.52 -1.43	44.49 3.69 -0.62	48.97 4.04 -4.50	67.42 4.56 -22.52	73.03 4.87 -25.43	84.72 5.44 -32.77	61.06 4.75 -9.81	44.60 2.96 0.00	41.11 2.76 0.00	37.00 2.58 0.00	33.50 2.51 0.00	30.39 2.15 0.00
EAST___DELAWARE_HYD 23607	28.43 1.81 0.00	26.02 1.57 0.00	24.41 1.45 0.00	23.12 1.37 0.00	22.63 1.32 0.00	23.96 1.29 0.00	26.05 1.40 0.00	28.98 1.59 0.00	32.14 1.73 0.00	33.82 1.78 0.29	34.35 1.60 0.00	36.74 1.84 -0.23	39.96 2.31 0.22	42.41 2.33 0.10	42.36 2.63 0.70	50.19 2.91 -6.95	54.19 3.08 -8.39	60.62 3.53 -10.57	58.89 3.35 -9.03	43.76 2.12 0.00	40.22 1.88 0.00	36.18 1.75 0.00	32.76 1.77 0.00	29.74 1.50 0.00
EIGHT_POINT___WT_PWR 323820	27.34 0.72 0.00	25.11 0.66 0.00	23.38 0.41 0.00	22.14 0.39 0.00	21.63 0.32 0.00	23.19 0.52 0.00	25.41 0.76 0.00	27.81 0.41 0.00	31.05 0.64 0.00	32.88 0.55 0.00	33.80 1.05 0.00	35.27 0.52 -0.08	38.17 0.30 0.00	40.54 0.36 0.00	40.59 0.16 0.00	42.37 0.08 -1.95	45.20 0.17 -2.30	50.46 1.02 -2.92	50.01 1.53 -1.97	43.39 1.75 0.00	39.84 1.49 0.00	35.63 1.20 0.00	32.23 1.24 0.00	30.05 1.81 0.00
ELBRIDGE_115KV_TB2 80188	26.59 -0.03 0.00	24.42 -0.02 0.00	22.89 -0.07 0.00	21.68 -0.07 0.00	21.25 -0.06 0.00	22.64 -0.02 0.00	24.65 0.00 0.00	27.34 -0.05 0.00	30.41 0.00 0.00	32.30 -0.03 0.00	32.81 0.07 0.00	34.67 -0.03 -0.04	37.83 -0.04 0.00	40.18 0.00 0.00	40.35 -0.08 0.00	41.31 -0.08 -1.06	43.89 -0.09 -1.25	48.28 0.19 -1.58	47.82 0.37 -0.94	41.97 0.33 0.00	38.65 0.31 0.00	34.59 0.17 0.00	31.12 0.12 0.00	28.35 0.11 0.00
ELEC_TRO_TEK 24086	37.43 2.58 -8.23	33.65 2.30 -6.90	27.63 2.11 -2.55	23.75 2.00 0.00	23.31 1.98 -0.02	24.62 1.95 0.00	26.86 2.19 -0.02	35.55 2.77 -5.39	36.12 3.07 -2.64	38.01 3.30 -2.38	35.76 3.01 0.00	39.73 3.22 -1.83	46.59 3.71 -5.01	51.99 3.90 -7.91	49.79 4.16 -5.19	66.80 4.03 -22.43	72.33 4.27 -25.33	84.35 5.21 -32.63	61.16 4.84 -9.81	45.39 3.37 -0.37	44.22 3.07 -2.81	37.24 2.82 0.00	40.14 2.79 -6.35	34.84 2.68 -3.92
ELLENBURG_WT_PWR 323604	26.30 -0.32 0.00	24.25 -0.20 0.00	22.78 -0.18 0.00	21.55 -0.20 0.00	21.14 -0.17 0.00	22.55 -0.11 0.00	24.62 -0.02 0.00	27.37 -0.03 0.00	30.44 0.03 0.00	32.40 0.06 0.00	32.85 0.10 0.00	34.64 -0.03 0.00	37.83 -0.04 0.00	40.14 -0.04 0.00	40.31 -0.12 0.00	39.81 -0.53 0.00	42.34 -0.39 0.00	45.72 -0.79 0.00	45.77 -0.75 0.00	41.97 0.33 0.00	38.57 0.23 0.00	34.56 0.14 0.00	30.81 -0.18 0.00	27.84 -0.40 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.59 -0.03 0.00	24.40 -0.05 0.00	22.69 -0.28 0.00	21.47 -0.28 0.00	21.01 -0.30 0.00	22.46 -0.20 0.00	24.62 -0.02 0.00	26.85 -0.55 0.00	29.80 -0.61 0.00	31.46 -0.87 0.00	32.32 -0.43 0.00	33.73 -1.01 -0.06	36.55 -1.33 0.00	38.85 -1.33 0.00	39.34 -1.09 0.00	40.61 -1.29 -1.56	43.37 -1.20 -1.84	48.67 -0.19 -2.34	47.88 -0.14 -1.50	41.93 0.29 0.00	38.42 0.08 0.00	34.46 0.03 0.00	31.12 0.12 0.00	28.35 0.11 0.00
EMPIRE_CC_1 323656	27.79 1.17 0.00	25.52 1.07 0.00	24.00 1.03 0.00	22.70 0.96 0.00	22.29 0.98 0.00	23.66 1.00 0.00	25.68 1.03 0.00	28.52 1.12 0.00	31.62 1.22 0.00	34.19 1.29 -0.57	33.93 1.18 0.00	36.90 1.39 -0.84	39.82 1.52 -0.43	41.97 1.61 -0.18	43.40 1.62 -1.35	58.24 1.65 -16.25	63.40 1.84 -18.83	72.61 2.04 -24.05	63.77 2.04 -15.22	42.85 1.21 0.00	39.57 1.23 0.00	35.63 1.20 0.00	32.11 1.11 0.00	29.09 0.85 0.00
EMPIRE_CC_2 323658	27.79 1.17 0.00	25.52 1.07 0.00	24.00 1.03 0.00	22.70 0.96 0.00	22.29 0.98 0.00	23.66 1.00 0.00	25.68 1.03 0.00	28.52 1.12 0.00	31.62 1.22 0.00	34.19 1.29 -0.57	33.93 1.18 0.00	36.90 1.39 -0.84	39.82 1.52 -0.43	41.97 1.61 -0.18	43.40 1.62 -1.35	58.24 1.65 -16.25	63.40 1.84 -18.83	72.61 2.04 -24.05	63.77 2.04 -15.22	42.85 1.21 0.00	39.57 1.23 0.00	35.63 1.20 0.00	32.11 1.11 0.00	29.09 0.85 0.00
ENORWICH_115KV_TB1 80156	28.77 2.16 0.00	26.43 1.98 0.00	24.78 1.81 0.00	23.42 1.67 0.00	22.87 1.56 0.00	24.41 1.75 0.00	26.74 2.09 0.00	29.40 2.00 0.00	32.53 2.13 0.00	34.37 2.04 0.00	34.94 2.19 0.00	37.36 2.53 -0.15	40.45 2.58 0.00	43.11 2.93 0.00	42.94 2.51 0.00	45.65 2.50 -2.81	48.82 2.78 -3.32	54.21 3.49 -4.21	54.55 4.19 -3.86	45.51 3.87 0.00	41.87 3.53 0.00	37.52 3.10 0.00	33.59 2.60 0.00	30.50 2.26 0.00

ERIE_ST__34_KV_TB1-2 80199	26.78 0.16 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.55 -0.20 0.00	21.12 -0.19 0.00	22.58 -0.09 0.00	24.79 0.15 0.00	27.01 -0.38 0.00	30.04 -0.36 0.00	31.75 -0.58 0.00	32.65 -0.10 0.00	34.11 -0.62 -0.06	37.00 -0.87 0.00	39.38 -0.80 0.00	39.86 -0.57 0.00	40.87 -1.09 -1.62	43.70 -0.94 -1.91	48.94 0.00 -2.43	48.55 0.47 -1.57	42.39 0.75 0.00	38.73 0.38 0.00	34.77 0.34 0.00	31.36 0.37 0.00	28.58 0.34 0.00
ERIE_WT_PWR 323693	26.75 0.13 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.62 -0.13 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.77 0.12 0.00	26.79 -0.60 0.00	29.98 -0.43 0.00	31.72 -0.62 0.00	32.75 0.00 0.00	34.07 -0.66 -0.06	36.81 -1.06 0.00	39.13 -1.04 0.00	39.54 -0.89 0.00	40.84 -1.09 -1.59	43.67 -0.94 -1.88	48.94 0.05 -2.39	48.25 0.19 -1.55	42.31 0.66 0.00	38.77 0.42 0.00	34.66 0.24 0.00	31.39 0.40 0.00	29.65 1.41 0.00
ESPRGFLD_115KV_TB1 80157	28.45 1.84 0.00	26.09 1.64 0.00	24.50 1.54 0.00	23.18 1.44 0.00	22.70 1.39 0.00	24.23 1.56 0.00	26.40 1.75 0.00	29.26 1.86 0.00	32.47 2.07 0.00	34.66 2.10 -0.22	34.94 2.19 0.00	37.95 2.32 -0.96	40.58 2.54 -0.17	42.94 2.69 -0.07	43.51 2.55 -0.53	41.45 2.54 1.43	43.60 2.69 1.82	47.42 3.16 2.26	71.96 3.63 -21.82	44.72 3.08 0.00	41.26 2.91 0.00	37.07 2.65 0.00	33.19 2.20 0.00	30.16 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.31 0.69 0.00	25.11 0.66 0.00	23.51 0.55 0.00	22.25 0.50 0.00	21.78 0.47 0.00	23.23 0.57 0.00	25.34 0.69 0.00	28.08 0.68 0.00	31.20 0.79 0.00	33.04 0.71 0.00	33.60 0.85 0.00	35.59 0.83 -0.09	38.74 0.87 0.00	41.18 1.00 0.00	41.20 0.77 0.00	43.24 0.81 -2.10	46.10 0.90 -2.48	51.01 1.35 -3.15	50.50 1.77 -2.22	43.27 1.62 0.00	39.80 1.46 0.00	35.59 1.17 0.00	31.98 0.99 0.00	29.12 0.88 0.00
ETNA____115KV_TB2 80207	27.31 0.69 0.00	25.11 0.66 0.00	23.51 0.55 0.00	22.25 0.50 0.00	21.78 0.47 0.00	23.23 0.57 0.00	25.34 0.69 0.00	28.08 0.68 0.00	31.20 0.79 0.00	33.04 0.71 0.00	33.60 0.85 0.00	35.59 0.83 -0.09	38.74 0.87 0.00	41.18 1.00 0.00	41.20 0.77 0.00	43.24 0.81 -2.10	46.10 0.90 -2.48	51.01 1.35 -3.15	50.50 1.77 -2.22	43.27 1.62 0.00	39.80 1.46 0.00	35.59 1.17 0.00	31.98 0.99 0.00	29.12 0.88 0.00
EUCLID____115KV_TB2 356179	26.32 -0.29 0.00	24.18 -0.27 0.00	22.69 -0.28 0.00	21.49 -0.26 0.00	21.03 -0.28 0.00	22.42 -0.25 0.00	24.40 -0.25 0.00	27.09 -0.30 0.00	30.16 -0.24 0.00	31.98 -0.36 0.00	32.49 -0.26 0.00	34.36 -0.31 0.00	37.53 -0.34 0.00	39.82 -0.36 0.00	39.95 -0.49 0.00	40.73 -0.44 -0.84	43.20 -0.51 -0.99	47.44 -0.33 -1.26	46.32 0.00 0.00	41.48 -0.17 0.00	38.15 -0.19 0.00	34.18 -0.24 0.00	30.77 -0.22 0.00	28.01 -0.23 0.00
E_CANADA_CAP_HY 24051	28.96 2.34 0.00	26.55 2.10 0.00	24.94 1.98 0.00	23.58 1.83 0.00	23.10 1.79 0.00	24.68 2.02 0.00	26.77 2.12 0.00	29.75 2.36 0.00	32.99 2.58 0.00	35.27 2.62 -0.32	35.43 2.69 0.00	38.76 2.88 -1.21	41.15 3.03 -0.25	43.46 3.17 -0.11	44.11 2.91 -0.77	61.84 2.82 -18.69	67.70 3.12 -21.86	77.97 3.63 -27.83	78.03 4.37 -27.15	45.35 3.70 0.00	41.99 3.64 0.00	37.73 3.30 0.00	33.75 2.76 0.00	30.58 2.34 0.00
E_CANADA_MHWK_HY 24050	26.72 0.11 0.00	24.52 0.07 0.00	23.05 0.09 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.76 0.09 0.00	24.77 0.12 0.00	27.51 0.11 0.00	30.53 0.12 0.00	32.46 0.13 0.00	32.88 0.13 0.00	35.02 0.35 0.00	38.25 0.38 0.00	40.58 0.40 0.00	40.55 0.12 0.00	40.46 0.12 0.00	42.85 0.13 0.00	46.70 0.19 0.00	46.79 0.28 0.00	41.81 0.17 0.00	38.50 0.15 0.00	34.56 0.14 0.00	31.12 0.12 0.00	28.32 0.08 0.00
E_FISHKILL____LBMP 23776	28.43 1.81 0.00	26.06 1.61 0.00	24.48 1.52 0.00	23.16 1.41 0.00	22.74 1.43 0.00	24.09 1.43 0.00	26.15 1.50 0.00	29.31 1.92 0.00	32.57 2.16 0.00	35.44 2.33 -0.78	34.88 2.13 0.00	37.69 2.29 -0.73	41.15 2.69 -0.59	43.24 2.81 -0.25	45.35 3.07 -1.85	59.24 3.35 -15.55	64.20 3.59 -17.88	73.46 4.05 -22.90	60.20 3.63 -10.07	43.97 2.33 0.00	40.49 2.15 0.00	36.45 2.03 0.00	32.91 1.92 0.00	30.10 1.86 0.00
FALCON____SEABRD_CC1 323796	26.80 0.19 0.00	24.74 0.29 0.00	23.22 0.25 0.00	21.94 0.20 0.00	21.52 0.21 0.00	22.98 0.32 0.00	25.11 0.47 0.00	27.89 0.49 0.00	31.01 0.61 0.00	33.04 0.71 0.00	33.53 0.78 0.00	35.33 0.66 0.00	38.59 0.72 0.00	40.90 0.72 0.00	41.12 0.69 0.00	40.50 0.16 0.00	43.07 0.34 0.00	46.51 0.00 0.00	46.60 0.09 0.00	42.93 1.29 0.00	39.41 1.07 0.00	35.35 0.93 0.00	31.46 0.47 0.00	28.38 0.14 0.00
FALCON____SEABRD_CC2 323797	26.80 0.19 0.00	24.74 0.29 0.00	23.22 0.25 0.00	21.94 0.20 0.00	21.52 0.21 0.00	22.98 0.32 0.00	25.11 0.47 0.00	27.89 0.49 0.00	31.01 0.61 0.00	33.04 0.71 0.00	33.53 0.78 0.00	35.33 0.66 0.00	38.59 0.72 0.00	40.90 0.72 0.00	41.12 0.69 0.00	40.50 0.16 0.00	43.07 0.34 0.00	46.51 0.00 0.00	46.60 0.09 0.00	42.93 1.29 0.00	39.41 1.07 0.00	35.35 0.93 0.00	31.46 0.47 0.00	28.38 0.14 0.00
FAR ROCKAWAY____4 23548	37.99 3.14 -8.23	34.14 2.79 -6.90	28.09 2.57 -2.55	24.18 2.44 0.00	23.72 2.39 -0.02	25.02 2.36 0.00	27.32 2.66 -0.02	36.01 3.23 -5.39	36.55 3.50 -2.64	38.50 3.78 -2.38	36.35 3.60 0.00	40.39 3.88 -1.83	47.31 4.43 -5.01	52.83 4.74 -7.91	50.68 5.05 -5.19	67.57 4.80 -22.43	73.19 5.13 -25.33	85.47 6.33 -32.63	62.32 6.00 -9.81	46.39 4.37 -0.37	45.14 3.99 -2.81	38.00 3.58 0.00	48.59 3.47 -14.13	35.44 3.25 -3.95
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.04 2.42 0.00	26.58 2.13 0.00	24.87 1.91 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.43 1.77 0.00	26.59 1.95 0.00	30.03 2.63 0.00	33.39 2.98 0.00	37.42 3.20 -1.89	35.63 2.88 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.89 3.96 -4.50	67.34 4.48 -22.52	72.95 4.79 -25.43	84.63 5.35 -32.77	61.02 4.70 -9.81	44.68 3.04 0.00	41.18 2.84 0.00	37.07 2.65 0.00	33.56 2.57 0.00	30.78 2.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.04 2.42 0.00	26.58 2.13 0.00	24.87 1.91 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.43 1.77 0.00	26.59 1.95 0.00	30.03 2.63 0.00	33.36 2.95 0.00	37.42 3.20 -1.89	35.63 2.88 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.89 3.96 -4.50	67.34 4.48 -22.52	72.95 4.79 -25.43	84.63 5.35 -32.77	61.02 4.70 -9.81	44.72 3.08 0.00	41.18 2.84 0.00	37.07 2.65 0.00	33.56 2.57 0.00	30.78 2.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.01 2.40 0.00	26.55 2.10 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.41 1.75 0.00	26.57 1.92 0.00	30.03 2.63 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.60 2.85 0.00	38.91 3.05 -1.19	42.83 3.52 -1.43	44.49 3.70 -0.62	48.85 3.92 -4.50	67.30 4.44 -22.52	72.90 4.74 -25.43	84.58 5.30 -32.77	60.97 4.65 -9.81	44.64 3.00 0.00	41.14 2.80 0.00	37.04 2.62 0.00	33.53 2.54 0.00	30.75 2.51 0.00

FARRAGUT___LBMP 323566	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.97 2.58 0.00	33.30 2.89 0.00	37.33 3.10 -1.89	35.57 2.82 0.00	38.88 3.02 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.22 4.36 -22.52	72.82 4.66 -25.43	84.49 5.21 -32.77	60.92 4.60 -9.81	44.60 2.96 0.00	41.10 2.76 0.00	37.00 2.58 0.00	33.50 2.51 0.00	30.73 2.49 0.00
FENNER___WINDPWR 24204	27.15 0.53 0.00	24.94 0.49 0.00	23.40 0.44 0.00	22.14 0.39 0.00	21.67 0.36 0.00	23.10 0.43 0.00	25.19 0.54 0.00	27.92 0.52 0.00	31.01 0.61 0.00	32.95 0.61 0.00	33.44 0.69 0.00	35.54 0.83 -0.04	38.70 0.83 0.00	41.10 0.92 0.00	41.20 0.77 0.00	42.25 0.76 -1.15	44.89 0.81 -1.36	49.35 1.11 -1.72	48.91 1.35 -1.05	42.85 1.21 0.00	39.41 1.07 0.00	35.31 0.89 0.00	31.73 0.74 0.00	28.97 0.73 0.00
FIBERTEK___ENERGY 23856	26.64 0.03 0.00	24.47 0.02 0.00	22.94 -0.02 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.69 0.02 0.00	24.69 0.05 0.00	27.42 0.03 0.00	30.53 0.12 0.00	32.40 0.06 0.00	32.91 0.16 0.00	34.85 0.14 -0.03	38.02 0.15 0.00	40.38 0.20 0.00	40.47 0.04 0.00	41.42 0.08 -1.00	43.95 0.04 -1.18	48.29 0.28 -1.50	47.89 0.51 -0.87	42.10 0.46 0.00	38.76 0.42 0.00	34.70 0.28 0.00	31.21 0.22 0.00	28.41 0.17 0.00
FITZPATRICK____ 23598	25.90 -0.72 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.74 -0.57 0.00	22.08 -0.59 0.00	24.00 -0.64 0.00	26.63 -0.77 0.00	29.56 -0.85 0.00	31.43 -0.91 0.00	31.90 -0.85 0.00	33.74 -0.93 0.00	36.81 -1.06 0.00	39.05 -1.12 0.00	39.26 -1.17 0.00	39.76 -1.17 -0.59	42.14 -1.28 -0.70	46.19 -1.21 -0.89	45.39 -1.12 0.00	40.69 -0.96 0.00	37.42 -0.92 0.00	33.56 -0.86 0.00	30.22 -0.77 0.00	27.65 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	38.05 3.19 -8.23	34.21 2.86 -6.90	28.16 2.64 -2.55	24.25 2.50 0.00	23.82 2.49 -0.02	25.09 2.43 0.00	27.45 2.78 -0.02	36.47 3.67 -5.40	44.43 4.01 -10.01	47.71 4.24 -11.14	70.75 3.60 -34.39	142.93 3.78 -104.48	204.63 4.36 -162.41	333.64 4.54 -288.92	293.18 4.81 -247.94	288.57 4.52 -243.71	320.58 4.83 -273.03	299.42 5.91 -247.00	182.02 5.63 -129.88	152.26 4.08 -106.54	65.10 3.72 -23.03	46.52 3.41 -8.69	39.50 3.44 -5.07	38.83 3.25 -7.34
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.80 2.18 0.00	26.40 1.96 0.00	24.78 1.81 0.00	23.47 1.72 0.00	22.97 1.66 0.00	24.32 1.65 0.00	26.42 1.77 0.00	29.42 2.03 0.00	32.66 2.25 0.00	34.94 2.36 -0.25	34.94 2.19 0.00	37.53 2.36 -0.50	41.05 2.99 -0.19	43.35 3.09 -0.08	44.34 3.32 -0.60	55.83 3.59 -11.90	60.42 3.80 -13.89	68.54 4.33 -17.70	60.49 4.05 -9.93	44.35 2.71 0.00	40.80 2.45 0.00	36.73 2.31 0.00	33.19 2.20 0.00	30.39 2.15 0.00
FORT ORANGE____ 23900	27.76 1.14 0.00	25.48 1.03 0.00	23.95 0.99 0.00	22.66 0.91 0.00	22.23 0.92 0.00	23.62 0.95 0.00	25.63 0.99 0.00	28.49 1.10 0.00	31.62 1.22 0.00	34.09 1.29 -0.46	33.89 1.15 0.00	36.97 1.28 -1.02	39.66 1.44 -0.35	41.82 1.49 -0.15	42.94 1.41 -1.10	57.78 1.41 -16.03	62.90 1.54 -18.64	72.02 1.72 -23.78	69.18 1.86 -20.80	42.85 1.21 0.00	39.57 1.23 0.00	35.73 1.31 0.00	32.17 1.18 0.00	29.14 0.90 0.00
FORT_DRUM_COGEN 23780	26.64 0.03 0.00	24.47 0.02 0.00	22.99 0.02 0.00	21.75 0.00 0.00	21.25 -0.06 0.00	22.64 -0.02 0.00	24.74 0.10 0.00	27.45 0.05 0.00	30.41 0.00 0.00	32.27 -0.06 0.00	32.75 0.00 0.00	34.85 0.17 0.00	37.87 0.00 0.00	40.26 0.08 0.00	40.07 -0.36 0.00	40.40 -0.44 -0.51	42.56 -0.77 -0.60	46.62 -0.65 -0.76	46.32 -0.19 0.00	41.89 0.25 0.00	38.61 0.27 0.00	34.66 0.24 0.00	31.08 0.09 0.00	28.21 -0.03 0.00
FPL_FAR_ROCK_GT1 24212	37.99 3.14 -8.24	34.14 2.79 -6.91	28.09 2.57 -2.56	24.17 2.41 0.00	23.72 2.39 -0.02	25.02 2.36 0.00	27.33 2.66 -0.02	36.07 3.29 -5.39	36.67 3.62 -2.64	38.46 3.75 -2.38	36.25 3.51 0.00	40.45 3.95 -1.83	47.35 4.47 -5.01	52.79 4.70 -7.91	50.68 5.05 -5.19	67.56 4.80 -22.43	73.14 5.08 -25.33	85.47 6.32 -32.63	62.32 6.00 -9.81	46.35 4.33 -0.37	45.14 3.99 -2.81	37.93 3.51 0.00	48.65 3.53 -14.13	35.19 2.99 -3.95
FPL_FAR_ROCK_GT2 23815	37.99 3.14 -8.24	34.14 2.79 -6.91	28.09 2.57 -2.56	24.17 2.41 0.00	23.72 2.39 -0.02	25.02 2.36 0.00	27.33 2.66 -0.02	36.07 3.29 -5.39	36.67 3.62 -2.64	38.46 3.75 -2.38	36.25 3.51 0.00	40.45 3.95 -1.83	47.35 4.47 -5.01	52.79 4.70 -7.91	50.68 5.05 -5.19	67.56 4.80 -22.43	73.14 5.08 -25.33	85.47 6.32 -32.63	62.32 6.00 -9.81	46.35 4.33 -0.37	45.14 3.99 -2.81	37.93 3.51 0.00	48.65 3.53 -14.13	35.19 2.99 -3.95
FRANKLIN_FALL_HYD 24054	26.03 -0.59 0.00	24.01 -0.44 0.00	22.55 -0.41 0.00	21.34 -0.41 0.00	20.91 -0.40 0.00	22.33 -0.34 0.00	24.37 -0.27 0.00	27.04 -0.36 0.00	30.04 -0.36 0.00	32.04 -0.29 0.00	32.49 -0.26 0.00	34.39 -0.28 0.00	37.53 -0.34 0.00	39.82 -0.36 0.00	39.90 -0.53 0.00	39.33 -1.01 0.00	41.83 -0.90 0.00	45.12 -1.40 0.00	45.21 -1.30 0.00	41.56 -0.08 0.00	38.19 -0.15 0.00	34.25 -0.17 0.00	30.53 -0.46 0.00	27.62 -0.62 0.00
FREEPORT_EQUS_GT1 23764	37.78 2.93 -8.23	33.97 2.62 -6.90	27.93 2.41 -2.56	24.01 2.26 0.00	23.57 2.24 -0.02	24.89 2.22 0.00	27.15 2.49 -0.02	35.90 3.12 -5.39	36.49 3.43 -2.64	38.40 3.68 -2.38	36.09 3.34 0.00	40.25 3.75 -1.83	46.97 4.09 -5.01	52.39 4.30 -7.91	50.23 4.61 -5.19	67.00 4.23 -22.43	72.58 4.53 -25.33	84.77 5.63 -32.63	61.62 5.30 -9.81	45.89 3.87 -0.37	44.87 3.72 -2.81	37.73 3.30 0.00	39.98 3.32 -5.67	34.98 2.82 -3.91
FREEPORT___CT2 23818	37.78 2.93 -8.23	33.97 2.62 -6.90	27.93 2.41 -2.56	24.01 2.26 0.00	23.57 2.24 -0.02	24.89 2.22 0.00	27.15 2.49 -0.02	35.90 3.12 -5.39	36.49 3.43 -2.64	38.40 3.68 -2.38	36.09 3.34 0.00	40.25 3.75 -1.83	46.97 4.09 -5.01	52.39 4.30 -7.91	50.23 4.61 -5.19	67.00 4.23 -22.43	72.58 4.53 -25.33	84.77 5.63 -32.63	61.62 5.30 -9.81	45.89 3.87 -0.37	44.87 3.72 -2.81	37.73 3.30 0.00	39.98 3.32 -5.67	34.98 2.82 -3.91
FRESHKLS_33_KV_LOAD 356253	29.21 2.58 -0.01	26.76 2.30 -0.01	25.03 2.07 0.00	23.62 1.87 0.00	23.21 1.90 0.00	24.39 1.72 0.00	26.46 1.82 0.01	30.07 2.68 0.01	33.44 3.04 0.01	34.19 3.23 1.38	35.62 2.88 0.01	35.79 3.09 1.97	37.02 3.56 4.41	37.30 3.74 6.62	37.63 3.80 6.60	47.78 4.48 -2.96	55.23 4.83 -7.67	58.98 5.40 -7.07	44.24 4.70 6.96	37.39 3.04 7.29	35.82 3.03 5.55	35.76 2.79 1.45	33.71 2.73 0.01	30.96 2.71 -0.01
FULTON COGEN____ 23766	26.19 -0.43 0.00	24.06 -0.39 0.00	22.57 -0.39 0.00	21.38 -0.37 0.00	20.95 -0.36 0.00	22.30 -0.36 0.00	24.28 -0.37 0.00	26.96 -0.44 0.00	29.98 -0.43 0.00	31.85 -0.48 0.00	32.36 -0.39 0.00	34.15 -0.52 0.00	37.30 -0.57 0.00	39.62 -0.56 0.00	39.70 -0.73 0.00	40.41 -0.73 -0.80	42.90 -0.77 -0.95	47.11 -0.60 -1.20	46.09 -0.42 0.00	41.27 -0.37 0.00	38.00 -0.35 0.00	34.04 -0.38 0.00	30.65 -0.34 0.00	27.93 -0.31 0.00

FULTON___LFGE 323630	29.65 3.03 0.00	27.19 2.74 0.00	25.53 2.57 0.00	24.12 2.37 0.00	23.61 2.30 0.00	25.27 2.61 0.00	27.38 2.74 0.00	30.46 3.07 0.00	33.72 3.31 0.00	36.03 3.33 -0.37	36.19 3.44 0.00	40.60 4.61 -1.32	43.00 4.85 -0.28	45.24 4.94 -0.12	44.70 3.40 -0.87	61.58 3.31 -17.94	67.47 3.80 -20.95	77.62 4.42 -26.69	81.56 5.63 -29.42	46.55 4.91 0.00	43.14 4.79 0.00	38.62 4.20 0.00	34.55 3.56 0.00	31.26 3.02 0.00
G.F.CEMENT___DRP 24184	28.51 1.89 0.00	26.14 1.69 0.00	24.57 1.61 0.00	23.21 1.46 0.00	22.74 1.43 0.00	24.28 1.61 0.00	26.37 1.73 0.00	29.34 1.95 0.00	32.63 2.22 0.00	35.15 2.36 -0.46	35.11 2.36 0.00	38.77 2.67 -1.43	41.02 2.80 -0.35	43.18 2.85 -0.15	43.86 2.34 -1.08	59.26 2.34 -16.59	64.63 2.61 -19.30	74.11 2.98 -24.62	81.49 3.67 -31.31	44.51 2.87 0.00	41.33 2.99 0.00	37.00 2.58 0.00	33.10 2.11 0.00	30.02 1.78 0.00
GARDENVILLE___LBMP 24039	26.67 0.05 0.00	24.47 0.02 0.00	22.76 -0.21 0.00	21.53 -0.22 0.00	21.06 -0.26 0.00	22.53 -0.14 0.00	24.69 0.05 0.00	26.93 -0.47 0.00	29.92 -0.49 0.00	31.59 -0.74 0.00	32.45 -0.29 0.00	33.87 -0.87 -0.06	36.70 -1.17 0.00	39.01 -1.17 0.00	39.50 -0.93 0.00	40.76 -1.17 -1.59	43.54 -1.07 -1.88	48.80 -0.09 -2.39	48.10 0.05 -1.54	42.10 0.46 0.00	38.53 0.19 0.00	34.59 0.17 0.00	31.24 0.25 0.00	28.44 0.20 0.00
GARDNVLA_35_KV_LD 355827	26.78 0.16 0.00	24.55 0.10 0.00	22.82 -0.14 0.00	21.60 -0.15 0.00	21.14 -0.17 0.00	22.62 -0.05 0.00	24.79 0.15 0.00	27.04 -0.36 0.00	30.01 -0.40 0.00	31.72 -0.61 0.00	32.58 -0.16 0.00	34.04 -0.69 -0.06	36.89 -0.98 0.00	39.22 -0.96 0.00	39.70 -0.73 0.00	40.97 -0.97 -1.60	43.76 -0.85 -1.89	49.10 0.19 -2.40	48.39 0.33 -1.55	42.31 0.67 0.00	38.76 0.42 0.00	34.77 0.34 0.00	31.39 0.40 0.00	28.58 0.34 0.00
GELCKHM___115KV_LOAD 80723	26.43 -0.19 0.00	24.28 -0.17 0.00	22.78 -0.18 0.00	21.57 -0.17 0.00	21.12 -0.19 0.00	22.51 -0.16 0.00	24.50 -0.15 0.00	27.20 -0.19 0.00	30.28 -0.12 0.00	32.14 -0.19 0.00	32.65 -0.10 0.00	34.50 -0.17 0.00	37.68 -0.19 0.00	40.02 -0.16 0.00	40.15 -0.28 0.00	40.95 -0.28 -0.90	43.49 -0.30 -1.06	47.76 -0.09 -1.34	46.60 0.09 0.00	41.72 0.08 0.00	38.38 0.04 0.00	34.35 -0.07 0.00	30.93 -0.06 0.00	28.16 -0.08 0.00
GENERAL___MILLS 23808	26.72 0.11 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.57 -0.17 0.00	21.10 -0.21 0.00	22.58 -0.09 0.00	24.74 0.10 0.00	26.99 -0.41 0.00	29.95 -0.46 0.00	31.65 -0.68 0.00	32.52 -0.23 0.00	33.94 -0.80 -0.06	36.77 -1.10 0.00	39.13 -1.04 0.00	39.58 -0.85 0.00	40.85 -1.09 -1.60	43.63 -0.98 -1.89	48.91 0.00 -2.40	48.20 0.14 -1.55	42.18 0.54 0.00	38.65 0.31 0.00	34.66 0.24 0.00	31.30 0.31 0.00	28.52 0.28 0.00
GE_PLASTICS___DRP 24183	27.68 1.06 0.00	25.40 0.95 0.00	23.88 0.92 0.00	22.62 0.87 0.00	22.16 0.85 0.00	23.55 0.88 0.00	25.56 0.91 0.00	28.44 1.04 0.00	31.56 1.16 0.00	34.05 1.26 -0.46	33.89 1.15 0.00	36.93 1.32 -0.94	39.36 1.14 -0.35	41.49 1.17 -0.15	42.70 1.17 -1.09	57.58 1.21 -16.03	62.56 1.20 -18.64	71.69 1.40 -23.78	66.86 1.44 -18.91	42.52 0.87 0.00	39.22 0.88 0.00	35.25 0.83 0.00	32.08 1.08 0.00	29.26 1.02 0.00
GILBOA___1 23756	27.65 1.04 0.00	25.38 0.93 0.00	23.93 0.96 0.00	22.64 0.89 0.00	22.21 0.89 0.00	23.57 0.91 0.00	25.61 0.96 0.00	28.46 1.07 0.00	31.59 1.18 0.00	33.88 1.26 -0.29	33.93 1.18 0.00	36.47 1.32 -0.48	39.57 1.48 -0.22	41.76 1.49 -0.10	42.66 1.54 -0.70	53.79 1.53 -11.92	58.12 1.49 -13.90	65.95 1.72 -17.72	57.30 1.81 -8.97	42.85 1.21 0.00	39.57 1.23 0.00	35.59 1.17 0.00	32.08 1.08 0.00	29.14 0.90 0.00
GILBOA___2 23757	27.65 1.04 0.00	25.38 0.93 0.00	23.93 0.96 0.00	22.64 0.89 0.00	22.21 0.89 0.00	23.57 0.91 0.00	25.61 0.96 0.00	28.46 1.07 0.00	31.59 1.18 0.00	33.88 1.26 -0.29	33.93 1.18 0.00	36.47 1.32 -0.48	39.57 1.48 -0.22	41.76 1.49 -0.10	42.66 1.54 -0.70	53.79 1.53 -11.92	58.12 1.49 -13.90	65.95 1.72 -17.72	57.30 1.81 -8.97	42.85 1.21 0.00	39.57 1.23 0.00	35.59 1.17 0.00	32.08 1.08 0.00	29.14 0.90 0.00
GILBOA___3 23758	27.65 1.04 0.00	25.38 0.93 0.00	23.93 0.96 0.00	22.64 0.89 0.00	22.21 0.89 0.00	23.57 0.91 0.00	25.61 0.96 0.00	28.46 1.07 0.00	31.59 1.18 0.00	33.88 1.26 -0.29	33.93 1.18 0.00	36.47 1.32 -0.48	39.57 1.48 -0.22	41.76 1.49 -0.10	42.66 1.54 -0.70	53.79 1.53 -11.92	58.12 1.49 -13.90	65.95 1.72 -17.72	57.30 1.81 -8.97	42.85 1.21 0.00	39.57 1.23 0.00	35.59 1.17 0.00	32.08 1.08 0.00	29.14 0.90 0.00
GILBOA___4 23759	27.65 1.04 0.00	25.38 0.93 0.00	23.93 0.96 0.00	22.64 0.89 0.00	22.21 0.89 0.00	23.57 0.91 0.00	25.61 0.96 0.00	28.46 1.07 0.00	31.59 1.18 0.00	33.88 1.26 -0.29	33.93 1.18 0.00	36.47 1.32 -0.48	39.57 1.48 -0.22	41.76 1.49 -0.10	42.66 1.54 -0.70	53.79 1.53 -11.92	58.12 1.49 -13.90	65.95 1.72 -17.72	57.30 1.81 -8.97	42.85 1.21 0.00	39.57 1.23 0.00	35.59 1.17 0.00	32.08 1.08 0.00	29.14 0.90 0.00
GILBOA___ 23599	27.66 1.04 0.00	25.38 0.93 0.00	23.93 0.96 0.00	22.66 0.91 0.00	22.21 0.90 0.00	23.57 0.91 0.00	25.61 0.96 0.00	28.44 1.04 0.00	31.59 1.19 0.00	33.89 1.26 -0.29	33.93 1.18 0.00	36.47 1.32 -0.48	39.57 1.48 -0.22	41.76 1.49 -0.10	42.66 1.54 -0.70	53.80 1.53 -11.93	58.12 1.50 -13.90	65.95 1.72 -17.72	57.30 1.81 -8.97	42.85 1.21 0.00	39.57 1.23 0.00	35.59 1.17 0.00	32.11 1.12 0.00	29.28 1.04 0.00
GINNA___ 23603	25.45 -1.17 0.00	23.32 -1.12 0.00	21.81 -1.15 0.00	20.64 -1.11 0.00	20.20 -1.11 0.00	21.56 -1.11 0.00	23.61 -1.03 0.00	25.97 -1.43 0.00	29.01 -1.40 0.00	30.78 -1.55 0.00	31.54 -1.21 0.00	33.15 -1.56 -0.04	35.98 -1.89 0.00	38.29 -1.89 0.00	38.45 -1.98 0.00	39.37 -2.10 -1.14	41.89 -2.18 -1.34	46.54 -1.67 -1.70	45.78 -1.77 -1.04	40.60 -1.04 0.00	37.23 -1.11 0.00	33.18 -1.24 0.00	29.94 -1.05 0.00	27.76 -0.48 0.00
GLEN PARK___ 23778	26.78 0.16 0.00	24.60 0.15 0.00	23.10 0.14 0.00	21.86 0.11 0.00	21.33 0.02 0.00	22.74 0.07 0.00	24.87 0.22 0.00	27.61 0.22 0.00	30.56 0.15 0.00	32.46 0.13 0.00	32.88 0.13 0.00	35.05 0.38 0.00	38.10 0.23 0.00	40.50 0.32 0.00	40.23 -0.20 0.00	40.61 -0.24 -0.51	42.65 -0.69 -0.61	46.77 -0.51 -0.77	46.51 0.00 0.00	42.10 0.46 0.00	38.84 0.50 0.00	34.87 0.45 0.00	31.24 0.25 0.00	28.41 0.17 0.00
GLENDALE_27_KV_LOAD 356172	29.25 2.64 0.00	26.75 2.30 0.00	25.03 2.07 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.53 1.86 0.00	26.69 2.05 0.00	30.25 2.85 -0.01	33.64 3.22 -0.01	37.69 3.46 -1.90	35.89 3.14 0.00	39.19 3.33 -1.19	43.13 3.83 -1.43	44.81 4.02 -0.62	48.97 4.04 -4.50	67.50 4.64 -22.52	73.11 4.96 -25.43	84.81 5.53 -32.76	61.15 4.84 -9.80	44.85 3.21 0.00	41.53 3.18 0.00	37.38 2.96 0.00	33.88 2.88 -0.01	31.04 2.80 -0.01

GLENWOOD_IC_1_G5 23712	37.46 2.61 -8.23	33.70 2.35 -6.90	27.65 2.14 -2.55	23.77 2.02 0.00	23.33 2.00 -0.02	24.66 1.99 0.00	26.88 2.22 -0.02	35.60 2.82 -5.39	36.21 3.16 -2.64	38.14 3.43 -2.38	35.99 3.24 0.00	39.76 3.26 -1.83	46.59 3.71 -5.01	52.03 3.94 -7.91	49.87 4.25 -5.19	67.08 4.32 -22.43	72.63 4.57 -25.33	84.54 5.40 -32.63	61.30 4.98 -9.81	45.43 3.41 -0.37	44.26 3.11 -2.81	37.24 2.82 0.00	37.77 2.91 -3.87	34.91 2.77 -3.91
GLENWOOD_IC_2_G1 23688	37.25 2.40 -8.23	33.50 2.15 -6.90	27.49 1.98 -2.55	23.60 1.85 0.00	23.16 1.83 -0.02	24.50 1.84 0.00	26.68 2.02 -0.02	35.44 2.66 -5.39	35.97 2.92 -2.64	37.82 3.10 -2.38	35.60 2.85 0.00	39.66 3.15 -1.83	46.48 3.60 -5.01	51.83 3.74 -7.91	49.71 4.08 -5.19	66.96 4.19 -22.43	72.54 4.49 -25.33	84.35 5.21 -32.63	61.11 4.79 -9.81	45.22 3.21 -0.37	44.11 2.95 -2.81	37.11 2.69 0.00	35.55 2.60 -1.96	34.37 2.23 -3.90
GLENWOOD_IC_3_G1 23689	37.25 2.40 -8.23	33.50 2.15 -6.90	27.49 1.98 -2.55	23.60 1.85 0.00	23.16 1.83 -0.02	24.50 1.84 0.00	26.68 2.02 -0.02	35.44 2.66 -5.39	35.97 2.92 -2.64	37.82 3.10 -2.38	35.60 2.85 0.00	39.66 3.15 -1.83	46.48 3.60 -5.01	51.83 3.74 -7.91	49.71 4.08 -5.19	66.96 4.19 -22.43	72.54 4.49 -25.33	84.35 5.21 -32.63	61.11 4.79 -9.81	45.22 3.21 -0.37	44.11 2.95 -2.81	37.11 2.69 0.00	35.55 2.60 -1.96	34.37 2.23 -3.90
GLENWOOD___4 23550	37.46 2.61 -8.23	33.70 2.35 -6.90	27.65 2.14 -2.55	23.77 2.02 0.00	23.33 2.00 -0.02	24.66 1.99 0.00	26.88 2.22 -0.02	35.60 2.82 -5.39	36.21 3.16 -2.64	38.14 3.43 -2.38	35.99 3.24 0.00	39.83 3.33 -1.83	46.70 3.83 -5.01	52.11 4.02 -7.91	49.99 4.37 -5.19	67.16 4.40 -22.43	72.72 4.66 -25.33	84.68 5.53 -32.63	61.39 5.07 -9.81	45.51 3.50 -0.37	44.38 3.22 -2.81	37.35 2.93 0.00	37.77 2.91 -3.87	34.91 2.77 -3.91
GLENWOOD___5 23614	37.46 2.61 -8.23	33.70 2.35 -6.90	27.65 2.14 -2.55	23.77 2.02 0.00	23.33 2.00 -0.02	24.66 1.99 0.00	26.88 2.22 -0.02	35.60 2.82 -5.39	36.21 3.16 -2.64	38.14 3.43 -2.38	35.99 3.24 0.00	39.83 3.33 -1.83	46.70 3.83 -5.01	52.11 4.02 -7.91	49.99 4.37 -5.19	67.16 4.40 -22.43	72.72 4.66 -25.33	84.68 5.53 -32.63	61.39 5.07 -9.81	45.51 3.50 -0.37	44.38 3.22 -2.81	37.35 2.93 0.00	37.77 2.91 -3.87	34.91 2.77 -3.91
GLOBAL GREEN_PORT_GT1 23814	39.35 4.50 -8.23	35.38 4.03 -6.90	29.26 3.74 -2.55	25.32 3.57 0.00	24.89 3.56 -0.02	26.16 3.49 0.00	28.63 3.97 -0.02	38.16 5.37 -5.40	45.40 6.02 -8.97	48.71 6.47 -9.91	119.12 6.19 -80.18	120.67 6.94 -79.06	205.75 7.65 -160.23	267.42 7.92 -219.33	236.34 8.09 -187.82	236.91 7.67 -188.91	262.44 8.03 -211.68	130.51 9.49 -74.51	126.44 9.16 -70.76	114.38 6.99 -65.75	62.65 6.29 -18.02	46.43 5.47 -6.53	41.02 5.21 -4.82	40.95 4.60 -8.11
GLOBE___DSASP 323697	25.77 -0.85 0.00	23.64 -0.81 0.00	22.00 -0.96 0.00	20.81 -0.94 0.00	20.37 -0.94 0.00	21.76 -0.91 0.00	23.83 -0.81 0.00	25.94 -1.45 0.00	28.73 -1.67 0.00	30.33 -2.00 0.00	31.11 -1.64 0.00	32.37 -2.36 -0.06	35.11 -2.76 0.00	37.29 -2.89 0.00	37.76 -2.67 0.00	39.15 -2.66 -1.47	41.69 -2.78 -1.74	46.90 -1.81 -2.21	45.91 -2.00 -1.40	40.43 -1.21 0.00	37.08 -1.27 0.00	33.25 -1.17 0.00	30.03 -0.96 0.00	27.39 -0.85 0.00
GOETHSLN___LBMP 323567	28.85 2.24 0.00	26.38 1.93 0.00	24.68 1.72 0.00	23.34 1.59 0.00	22.91 1.60 0.00	24.25 1.59 0.00	26.42 1.77 0.00	29.83 2.44 0.00	33.11 2.71 0.00	37.13 2.91 -1.89	35.34 2.59 0.00	35.49 2.77 1.96	36.69 3.22 4.40	36.98 3.42 6.61	37.48 3.64 6.59	47.42 4.11 -2.97	54.81 4.40 -7.68	58.48 4.88 -7.08	43.83 4.28 6.96	37.06 2.71 7.29	35.29 2.49 5.54	35.32 2.34 1.44	33.32 2.32 0.00	30.58 2.34 0.00
GOLAH___69_KV_TB 1_2 80279	26.75 0.13 0.00	24.55 0.10 0.00	22.89 -0.07 0.00	21.66 -0.09 0.00	21.20 -0.11 0.00	22.67 0.00 0.00	24.84 0.20 0.00	27.29 -0.11 0.00	30.32 -0.09 0.00	32.01 -0.32 0.00	32.75 0.00 0.00	34.47 -0.24 -0.04	37.38 -0.49 0.00	39.78 -0.40 0.00	39.99 -0.44 0.00	41.01 -0.52 -1.20	43.58 -0.56 -1.41	48.59 0.28 -1.80	47.79 0.19 -1.09	42.35 0.71 0.00	38.88 0.54 0.00	34.73 0.31 0.00	31.33 0.34 0.00	28.64 0.40 0.00
GOODYEAR_LAKE_HYD 323669	28.00 1.38 0.00	25.70 1.25 0.00	24.13 1.17 0.00	22.86 1.11 0.00	22.38 1.07 0.00	23.82 1.16 0.00	25.98 1.33 0.00	28.79 1.40 0.00	31.96 1.55 0.00	33.95 1.62 0.00	34.39 1.64 0.00	36.96 1.84 -0.45	39.84 1.97 0.00	42.31 2.13 0.00	42.53 2.10 0.00	44.26 2.14 -1.78	47.05 2.22 -2.10	51.74 2.56 -2.67	60.78 2.79 -11.48	43.85 2.21 0.00	40.41 2.07 0.00	36.31 1.89 0.00	32.63 1.64 0.00	29.68 1.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.07 0.45 0.00	24.86 0.42 0.00	23.28 0.32 0.00	22.03 0.28 0.00	21.57 0.26 0.00	23.01 0.34 0.00	25.09 0.44 0.00	27.78 0.38 0.00	30.89 0.49 0.00	32.75 0.42 0.00	33.31 0.56 -0.13	35.29 0.49 0.00	38.37 0.49 0.00	40.74 0.56 0.00	40.96 0.53 0.00	43.86 0.52 -3.00	46.86 0.60 -3.54	52.07 1.07 -4.49	51.01 1.26 -3.25	42.68 1.04 0.00	39.22 0.88 0.00	35.18 0.76 0.00	31.67 0.68 0.00	28.83 0.59 0.00
GOUDEY___7 23579	27.10 0.48 0.00	24.89 0.44 0.00	23.31 0.34 0.00	22.05 0.30 0.00	21.59 0.28 0.00	23.03 0.36 0.00	25.11 0.47 0.00	27.81 0.41 0.00	30.92 0.52 0.00	32.79 0.45 0.00	33.34 0.59 -0.13	35.32 0.52 0.00	38.44 0.57 0.00	40.82 0.64 0.00	41.04 0.61 0.00	43.94 0.61 -3.00	46.91 0.64 -3.54	52.12 1.12 -4.49	51.10 1.35 -3.25	42.77 1.12 0.00	39.26 0.92 0.00	35.21 0.79 0.00	31.70 0.71 0.00	28.86 0.62 0.00
GOUDEY___8 23580	27.07 0.45 0.00	24.86 0.42 0.00	23.28 0.32 0.00	22.03 0.28 0.00	21.57 0.26 0.00	23.01 0.34 0.00	25.09 0.44 0.00	27.78 0.38 0.00	30.89 0.49 0.00	32.75 0.42 0.00	33.31 0.56 -0.13	35.29 0.49 0.00	38.37 0.49 0.00	40.74 0.56 0.00	40.96 0.53 0.00	43.86 0.52 -3.00	46.86 0.60 -3.54	52.07 1.07 -4.49	51.01 1.26 -3.25	42.68 1.04 0.00	39.22 0.88 0.00	35.18 0.76 0.00	31.67 0.68 0.00	28.83 0.59 0.00
GOWANUS_GT1_1 24077	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GOWANUS_GT1_2 24078	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76

GOWANUS_GT1_3 24079	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GOWANUS_GT1_4 24080	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GOWANUS_GT1_5 24084	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GOWANUS_GT1_6 24111	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GOWANUS_GT1_7 24112	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GOWANUS_GT1_8 24113	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GOWANUS_GT2_1 24114	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT2_2 24115	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00																					

GOWANUS_GT3_2 24123	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT3_3 24124	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT3_4 24125	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT3_5 24126	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT3_6 24127	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT3_7 24128	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT3_8 24129	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
GOWANUS_GT4_1 24130	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00																					

GREENBSH_115KV_TB3 55895	27.60 0.98 0.00	25.33 0.88 0.00	23.83 0.87 0.00	22.55 0.80 0.00	22.10 0.79 0.00	23.48 0.82 0.00	25.48 0.84 0.00	28.35 0.96 0.00	31.50 1.09 0.00	33.97 1.16 -0.47	33.83 1.08 0.00	36.96 1.25 -1.04	39.52 1.29 -0.36	41.66 1.33 -0.15	42.85 1.29 -1.13	57.85 1.33 -16.18	62.95 1.41 -18.81	72.10 1.58 -24.00	69.46 1.67 -21.27	42.64 1.00 0.00	39.38 1.04 0.00	35.38 0.96 0.00	31.98 0.99 0.00	29.17 0.93 0.00
GREENDGE_115KV_TB5 80291	27.07 0.45 0.00	24.86 0.42 0.00	23.21 0.25 0.00	21.97 0.22 0.00	21.48 0.17 0.00	23.01 0.34 0.00	25.16 0.52 0.00	27.78 0.38 0.00	30.89 0.49 0.00	32.69 0.36 0.00	33.40 0.65 0.00	35.20 0.45 -0.07	38.29 0.42 0.00	40.74 0.56 0.00	40.71 0.28 0.00	42.49 0.28 -1.87	45.06 0.13 -2.20	50.10 0.79 -2.80	49.54 1.16 -1.87	42.89 1.25 0.00	39.34 1.00 0.00	35.28 0.86 0.00	31.83 0.84 0.00	28.97 0.73 0.00
GREENIDGE___3 23582	27.07 0.45 0.00	24.86 0.42 0.00	23.21 0.25 0.00	21.97 0.22 0.00	21.48 0.17 0.00	23.01 0.34 0.00	25.16 0.52 0.00	27.78 0.38 0.00	30.89 0.49 0.00	32.69 0.36 0.00	33.40 0.65 0.00	35.20 0.45 -0.07	38.29 0.42 0.00	40.74 0.56 0.00	40.71 0.28 0.00	42.49 0.28 -1.87	45.06 0.13 -2.20	50.10 0.79 -2.80	49.54 1.16 -1.87	42.89 1.25 0.00	39.34 1.00 0.00	35.28 0.86 0.00	31.83 0.84 0.00	28.97 0.73 0.00
GREENIDGE___4 23583	27.07 0.45 0.00	24.86 0.42 0.00	23.22 0.25 0.00	21.97 0.22 0.00	21.48 0.17 0.00	23.01 0.34 0.00	25.16 0.52 0.00	27.70 0.30 0.00	30.89 0.48 0.00	32.75 0.42 0.00	33.50 0.75 0.00	35.27 0.52 -0.07	38.29 0.42 0.00	40.74 0.56 0.00	40.67 0.24 0.00	42.48 0.28 -1.86	45.05 0.13 -2.19	50.09 0.79 -2.78	49.59 1.21 -1.87	42.93 1.29 0.00	39.41 1.07 0.00	35.07 0.65 0.00	31.86 0.87 0.00	29.45 1.21 0.00
GREENLWN_69_KV_BK 3 55738	37.57 2.71 -8.23	33.80 2.44 -6.90	27.74 2.23 -2.55	23.86 2.11 0.00	23.42 2.09 -0.02	24.71 2.04 0.00	26.98 2.32 -0.02	35.74 2.96 -5.38	35.30 3.44 -1.46	36.79 3.49 -0.96	28.75 3.08 7.07	22.77 3.33 15.23	3.33 3.86 38.41	5.32 3.94 38.80	9.44 4.16 35.16	29.81 3.83 14.35	30.94 4.06 15.84	53.75 5.12 -2.12	19.97 4.79 31.33	17.25 3.33 27.73	40.75 2.95 0.55	35.59 2.62 1.45	34.08 2.63 -0.46	34.14 2.51 -3.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76
GRISSOM___SOLAR 323813	29.65 3.03 0.00	27.19 2.74 0.00	25.53 2.57 0.00	24.12 2.37 0.00	23.61 2.30 0.00	25.27 2.61 0.00	27.38 2.74 0.00	30.46 3.07 0.00	33.72 3.31 0.00	36.03 3.33 -0.37	36.19 3.44 0.00	40.60 4.61 -1.32	43.00 4.85 -0.28	45.24 4.94 -0.12	44.70 3.40 -0.87	61.58 3.31 -17.94	67.47 3.80 -20.95	77.62 4.42 -26.69	81.56 5.63 -29.42	46.55 4.91 0.00	43.14 4.79 0.00	38.62 4.20 0.00	34.55 3.56 0.00	31.26 3.02 0.00
GROVEVILLE___HYD 323602	28.80 2.18 0.00	26.40 1.96 0.00	24.78 1.81 0.00	23.47 1.72 0.00	22.97 1.66 0.00	24.32 1.65 0.00	26.42 1.77 0.00	29.42 2.03 0.00	32.66 2.25 0.00	34.94 2.36 -0.25	34.94 2.19 0.00	37.53 2.36 -0.50	41.05 2.99 -0.19	43.35 3.09 -0.08	44.34 3.32 -0.60	55.83 3.59 -11.90	60.42 3.80 -13.89	68.54 4.33 -17.70	60.49 4.05 -9.93	44.35 2.71 0.00	40.80 2.45 0.00	36.73 2.31 0.00	33.19 2.20 0.00	30.39 2.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.64 0.03 0.00	24.47 0.02 0.00	22.94 -0.02 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.69 0.02 0.00	24.69 0.05 0.00	27.42 0.03 0.00	30.53 0.12 0.00	32.40 0.06 0.00	32.91 0.16 0.00	34.85 0.14 -0.03	38.02 0.15 0.00	40.38 0.20 0.00	40.47 0.04 0.00	41.42 0.08 -1.00	43.95 0.04 -1.18	48.29 0.28 -1.50	47.89 0.51 -0.87	42.10 0.46 0.00	38.76 0.42 0.00	34.70 0.28 0.00	31.21 0.22 0.00	28.41 0.17 0.00
HAMLTNNY_34_KV_TB 80303	26.75 0.13 0.00	24.60 0.15 0.00	23.03 0.07 0.00	21.81 0.07 0.00	21.35 0.04 0.00	22.78 0.11 0.00	24.79 0.15 0.00	27.51 0.11 0.00	30.62 0.21 0.00	32.53 0.19 0.00	33.08 0.33 0.00	34.95 0.24 -0.04	38.10 0.23 0.00	40.50 0.32 0.00	40.63 0.20 0.00	41.60 0.20 -1.06	44.15 0.17 -1.25	48.61 0.51 -1.59	48.20 0.74 -0.94	42.35 0.71 0.00	38.96 0.61 0.00	34.83 0.41 0.00	31.33 0.34 0.00	28.55 0.31 0.00
HAMPSHIRE___PAPER_HYD 323593	25.82 -0.80 0.00	23.76 -0.68 0.00	22.32 -0.64 0.00	21.12 -0.63 0.00	20.65 -0.66 0.00	22.01 -0.66 0.00	24.03 -0.62 0.00	26.63 -0.77 0.00	29.50 -0.91 0.00	31.36 -0.97 0.00	31.80 -0.95 0.00	33.81 -0.87 0.00	36.85 -1.02 0.00	39.13 -1.04 0.00	39.10 -1.33 0.00	39.06 -1.53 -0.26	41.37 -1.67 -0.31	44.90 -2.00 -0.39	44.74 -1.77 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.59 -0.83 0.00	30.12 -0.87 0.00	27.34 -0.90 0.00
HARDSCRABBLE_WT_PWR 323673	26.72 0.11 0.00	24.55 0.10 0.00	23.05 0.09 0.00	21.86 0.11 0.00	21.42 0.11 0.00	22.76 0.09 0.00	24.77 0.12 0.00	27.53 0.14 0.00	30.56 0.15 0.00	32.50 0.16 0.00	32.91 0.16 0.00	35.05 0.38 0.00	38.29 0.42 0.00	40.58 0.40 0.00	40.59 0.16 0.00	40.50 0.16 0.00	42.85 0.13 0.00	46.70 0.19 0.00	46.79 0.28 0.00	41.81 0.17 0.00	38.50 0.15 0.00	34.56 0.14 0.00	31.12 0.12 0.00	28.35 0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.51 1.89 0.00	26.11 1.66 0.00	24.50 1.54 0.00	23.21 1.46 0.00	22.74 1.43 0.00	24.07 1.41 0.00	26.15 1.50 0.00	29.23 1.84 0.00	32.44 2.04 0.00	32.41 2.13 2.05	34.71 1.96 0.00	36.30 2.15 0.52	38.96 2.65 1.56	42.28 2.77 0.67	38.50 2.95 4.89	39.66 3.27 3.95	42.82 3.50 3.41	45.62 3.95 4.84	59.22 3.67 -9.04	43.97 2.33 0.00	40.41 2.07 0.00	36.42 2.00 0.00	32.91 1.92 0.00	30.10 1.86 0.00
HARSNRAD_115KV_TB1 81005	26.46 -0.16 0.00	24.25 -0.20 0.00	22.57 -0.39 0.00	21.34 -0.41 0.00	20.88 -0.43 0.00	22.33 -0.34 0.00	24.45 -0.20 0.00	26.60 -0.79 0.00	29.49 -0.91 0.00	31.10 -1.23 0.00	31.93 -0.82 0.00	33.31 -1.42 -0.05	36.09 -1.78 0.00	38.37 -1.81 0.00	38.77 -1.66 0.00	40.01 -1.77 -1.45	42.73 -1.71 -1.71	48.03 -0.65 -2.17	47.10 -0.79 -1.38	41.52 -0.12 0.00	38.07 -0.27 0.00	34.11 -0.31 0.00	30.81 -0.19 0.00	28.07 -0.17 0.00
HARZA MOOSE___RIVER 24016	26.94 0.32 0.00	24.72 0.27 0.00	23.21 0.25 0.00	21.97 0.22 0.00	21.48 0.17 0.00	22.89 0.23 0.00	24.99 0.35 0.00	27.70 0.30 0.00	30.68 0.27 0.00	32.62 0.29 0.00	33.08 0.33 0.00	35.23 0.55 0.00	38.37 0.49 0.00	40.78 0.60 0.00	40.75 0.32 0.00	40.92 0.24 -0.34	43.30 0.17 -0.40	47.35 0.33 -0.51	47.12 0.60 0.00	42.31 0.67 0.00	38.96 0.61 0.00	34.94 0.52 0.00	31.36 0.37 0.00	28.49 0.25 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	26.46 -0.16 0.00	24.33 -0.12 0.00	22.80 -0.16 0.00	21.60 -0.15 0.00	21.14 -0.17 0.00	22.53 -0.14 0.00	24.52 -0.12 0.00	27.23 -0.16 0.00	30.35 -0.06 0.00	32.17 -0.16 0.00	32.68 -0.07 0.00	34.57 -0.10 0.00	37.76 -0.11 0.00	40.10 -0.08 0.00	40.19 -0.24 0.00	41.04 -0.20 -0.90	43.54 -0.26 -1.07	47.86 0.00 -1.35	46.65 0.14 0.00	41.77 0.12 0.00	38.42 0.08 0.00	34.42 0.00 0.00	30.96 -0.03 0.00	28.18 -0.06 0.00
HELLGATE_13_KV_LD 55870	29.10 2.48 0.00	26.63 2.18 0.00	24.94 1.97 0.00	23.55 1.81 0.00	23.12 1.81 0.00	24.41 1.75 0.00	26.54 1.90 0.00	30.09 2.68 -0.01	33.42 3.01 -0.01	37.46 3.23 -1.90	35.63 2.88 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.61 3.68 -4.50	67.13 4.28 -22.52	72.77 4.61 -25.43	84.39 5.12 -32.76	60.73 4.42 -9.80	44.56 2.91 0.00	41.22 2.88 0.00	37.11 2.68 0.00	33.66 2.67 -0.01	30.87 2.63 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.10 2.48 0.00	26.63 2.18 0.00	24.94 1.97 0.00	23.55 1.81 0.00	23.12 1.81 0.00	24.41 1.75 0.00	26.54 1.90 0.00	30.09 2.68 -0.01	33.42 3.01 -0.01	37.46 3.23 -1.90	35.63 2.88 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.61 3.68 -4.50	67.13 4.28 -22.52	72.77 4.61 -25.43	84.39 5.12 -32.76	60.73 4.42 -9.80	44.56 2.91 0.00	41.22 2.88 0.00	37.11 2.68 0.00	33.66 2.67 -0.01	30.87 2.63 -0.01
HEMPSTEAD____ 23647	37.49 2.64 -8.23	33.72 2.37 -6.90	27.70 2.18 -2.56	23.79 2.04 0.00	23.35 2.03 -0.02	24.66 2.00 0.00	26.93 2.27 -0.02	35.68 2.90 -5.39	36.24 3.19 -2.64	38.11 3.39 -2.38	35.83 3.08 0.00	39.90 3.40 -1.83	46.70 3.82 -5.01	52.11 4.02 -7.91	49.95 4.33 -5.19	66.92 4.16 -22.43	72.46 4.40 -25.33	84.54 5.39 -32.63	61.34 5.02 -9.81	45.51 3.50 -0.37	44.38 3.22 -2.81	37.31 2.89 0.00	38.38 2.91 -4.47	34.66 2.51 -3.91
HEWLETT__69_KV_BK3 55828	37.81 2.95 -8.23	33.99 2.64 -6.90	27.95 2.43 -2.55	24.05 2.31 0.00	23.59 2.26 -0.02	24.91 2.24 0.00	27.18 2.51 -0.02	35.85 3.07 -5.39	36.43 3.38 -2.64	38.34 3.62 -2.38	36.15 3.41 0.00	40.18 3.68 -1.83	47.08 4.20 -5.01	52.55 4.46 -7.91	50.39 4.77 -5.19	67.32 4.56 -22.43	72.89 4.83 -25.33	85.14 6.00 -32.63	61.95 5.63 -9.81	46.06 4.04 -0.37	44.87 3.72 -2.81	37.76 3.34 0.00	48.37 3.25 -14.13	35.27 3.08 -3.95
HICKLING___1 23621	27.36 0.75 0.00	25.13 0.68 0.00	23.42 0.46 0.00	22.16 0.41 0.00	21.69 0.38 0.00	23.21 0.54 0.00	25.38 0.74 0.00	28.03 0.63 0.00	31.20 0.79 0.00	33.01 0.68 0.00	33.73 0.98 0.00	35.46 0.69 -0.10	38.59 0.72 0.00	41.02 0.84 0.00	41.20 0.77 0.00	43.43 0.73 -2.37	46.34 0.81 -2.80	51.65 1.58 -3.55	50.94 2.00 -2.43	43.52 1.87 0.00	39.88 1.53 0.00	35.73 1.31 0.00	32.14 1.15 0.00	29.28 1.04 0.00
HICKLING___2 23622	27.36 0.75 0.00	25.13 0.68 0.00	23.42 0.46 0.00	22.16 0.41 0.00	21.69 0.38 0.00	23.21 0.54 0.00	25.38 0.74 0.00	28.03 0.63 0.00	31.20 0.79 0.00	33.01 0.68 0.00	33.73 0.98 0.00	35.46 0.69 -0.10	38.59 0.72 0.00	41.02 0.84 0.00	41.20 0.77 0.00	43.43 0.73 -2.37	46.34 0.81 -2.80	51.65 1.58 -3.55	50.94 2.00 -2.43	43.52 1.87 0.00	39.88 1.53 0.00	35.73 1.31 0.00	32.14 1.15 0.00	29.28 1.04 0.00
HIGH FALLS___HY 23754	28.59 1.97 0.00	26.18 1.74 0.00	24.55 1.58 0.00	23.27 1.52 0.00	22.78 1.47 0.00	24.09 1.43 0.00	26.15 1.50 0.00	29.12 1.73 0.00	32.29 1.89 0.00	34.34 2.00 0.00	34.55 1.80 0.00	37.04 1.94 -0.42	40.49 2.61 0.00	42.91 2.73 0.00	43.42 2.99 0.00	53.79 3.35 -10.10	58.20 3.55 -11.93	65.70 4.05 -15.14	60.88 3.67 -10.69	43.97 2.33 0.00	40.41 2.07 0.00	36.45 2.03 0.00	32.91 1.92 0.00	30.13 1.89 0.00
HILLBURN___GT 23639	28.43 1.81 0.00	26.06 1.61 0.00	24.45 1.49 0.00	23.14 1.39 0.00	22.72 1.41 0.00	24.05 1.38 0.00	26.15 1.50 0.00	29.39 2.00 0.00	32.60 2.19 0.00	32.24 2.33 2.42	34.85 2.10 0.00	36.40 2.39 0.67	38.84 2.80 1.84	42.32 2.93 0.79	37.86 3.19 5.76	37.72 3.55 6.16	40.73 3.80 5.80	42.82 4.28 7.97	59.48 3.77 -9.20	43.97 2.33 0.00	40.41 2.07 0.00	36.35 1.93 0.00	32.91 1.92 0.00	29.82 1.58 0.00
HILLSIDE_115KV_TB1 80332	26.80 0.19 0.00	24.62 0.17 0.00	22.96 0.00 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.73 0.07 0.00	24.87 0.22 0.00	27.45 0.05 0.00	30.53 0.12 0.00	32.33 0.00 0.00	33.01 0.26 0.00	34.77 0.00 -0.10	37.83 -0.04 0.00	40.22 0.04 0.00	40.47 0.04 0.00	42.75 -0.04 -2.45	45.66 0.04 -2.89	50.88 0.70 -3.67	49.97 0.93 -2.52	42.52 0.87 0.00	38.96 0.61 0.00	34.94 0.52 0.00	31.46 0.46 0.00	28.64 0.40 0.00
HISHELDN_WT_PWR 323625	26.72 0.11 0.00	24.50 0.05 0.00	22.80 -0.16 0.00	21.60 -0.15 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.74 0.10 0.00	26.87 -0.52 0.00	30.04 -0.36 0.00	31.78 -0.55 0.00	32.75 0.00 0.00	34.08 -0.66 -0.07	36.81 -1.06 0.00	39.13 -1.04 0.00	39.46 -0.97 0.00	40.91 -1.13 -1.70	43.71 -1.03 -2.01	48.97 -0.09 -2.55	48.24 0.05 -1.68	42.14 0.50 0.00	38.69 0.34 0.00	34.59 0.17 0.00	31.33 0.34 0.00	29.48 1.24 0.00
HOLTSVILLE_IC_1 23690	37.80 2.95 -8.23	34.02 2.67 -6.90	28.00 2.48 -2.55	24.08 2.33 0.00	23.67 2.34 -0.02	24.93 2.27 0.00	27.25 2.59 -0.02	36.27 3.48 -5.40	42.98 3.71 -8.87	46.02 3.91 -9.78	67.47 3.27 -31.45	115.99 3.64 -77.68	199.49 4.17 -157.45	260.06 4.34 -215.54	229.55 4.57 -184.55	230.50 4.23 -185.93	255.55 4.49 -208.34	122.44 5.49 -70.45	117.21 5.21 -65.49	107.82 3.67 -62.51	59.47 3.37 -17.75	43.83 2.99 -6.42	38.87 3.13 -4.75	39.03 2.74 -8.05
HOLTSVILLE_IC_10 23699	38.04 3.19 -8.23	34.21 2.86 -6.90	28.18 2.66 -2.55	24.25 2.50 0.00	23.84 2.51 -0.02	25.12 2.45 0.00	27.45 2.78 -0.02	36.57 3.78 -5.40	43.71 4.04 -9.26	46.86 4.27 -10.26	47.91 3.67 -11.50	121.24 3.99 -82.58	209.75 4.58 -167.30	273.92 4.78 -228.96	241.63 5.05 -196.14	241.55 4.72 -196.50	267.94 5.04 -220.17	142.55 6.04 -90.00	138.82 5.77 -86.54	120.95 4.16 -75.14	60.89 3.83 -18.72	44.66 3.41 -6.83	39.52 3.47 -5.06	39.58 3.02 -8.31
HOLTSVILLE_IC_2 23691	37.80 2.95 -8.23	34.02 2.67 -6.90	28.00 2.48 -2.55	24.08 2.33 0.00	23.67 2.34 -0.02	24.93 2.27 0.00	27.25 2.59 -0.02	36.27 3.48 -5.40	42.98 3.71 -8.87	46.02 3.91 -9.78	67.47 3.27 -31.45	115.99 3.64 -77.68	199.49 4.17 -157.45	260.06 4.34 -215.54	229.55 4.57 -184.55	230.50 4.23 -185.93	255.55 4.49 -208.34	122.44 5.49 -70.45	117.21 5.21 -65.49	107.82 3.67 -62.51	59.47 3.37 -17.75	43.83 2.99 -6.42	38.87 3.13 -4.75	39.03 2.74 -8.05
HOLTSVILLE_IC_3 23692	37.80 2.95 -8.23	34.02 2.67 -6.90	28.00 2.48 -2.55	24.08 2.33 0.00	23.67 2.34 -0.02	24.93 2.27 0.00	27.25 2.59 -0.02	36.27 3.48 -5.40	42.98 3.71 -8.87	46.02 3.91 -9.78	67.47 3.27 -31.45	115.99 3.64 -77.68	199.49 4.17 -157.45	260.06 4.34 -215.54	229.55 4.57 -184.55	230.50 4.23 -185.93	255.55 4.49 -208.34	122.44 5.49 -70.45	117.21 5.21 -65.49	107.82 3.67 -62.51	59.47 3.37 -17.75	43.83 2.99 -6.42	38.87 3.13 -4.75	39.03 2.74 -8.05

HOLTSVILLE_IC_4 23693	37.80 2.95 -8.23	34.02 2.67 -6.90	28.00 2.48 -2.55	24.08 2.33 0.00	23.67 2.34 -0.02	24.93 2.27 0.00	27.25 2.59 -0.02	36.27 3.48 -5.40	42.98 3.71 -8.87	46.02 3.91 -9.78	67.47 3.27 -31.45	115.99 3.64 -77.68	199.49 4.17 -157.45	260.06 4.34 -215.54	229.55 4.57 -184.55	230.50 4.23 -185.93	255.55 4.49 -208.34	122.44 5.49 -70.45	117.21 5.21 -65.49	107.82 3.67 -62.51	59.47 3.37 -17.75	43.83 2.99 -6.42	38.87 3.13 -4.75	39.03 2.74 -8.05
HOLTSVILLE_IC_5 23694	37.80 2.95 -8.23	34.02 2.67 -6.90	28.00 2.48 -2.55	24.08 2.33 0.00	23.67 2.34 -0.02	24.93 2.27 0.00	27.25 2.59 -0.02	36.27 3.48 -5.40	42.98 3.71 -8.87	46.02 3.91 -9.78	67.47 3.27 -31.45	115.99 3.64 -77.68	199.49 4.17 -157.45	260.06 4.34 -215.54	229.55 4.57 -184.55	230.50 4.23 -185.93	255.55 4.49 -208.34	122.44 5.49 -70.45	117.21 5.21 -65.49	107.82 3.67 -62.51	59.47 3.37 -17.75	43.83 2.99 -6.42	38.87 3.13 -4.75	39.03 2.74 -8.05
HOLTSVILLE_IC_6 23695	38.04 3.19 -8.23	34.21 2.86 -6.90	28.18 2.66 -2.55	24.25 2.50 0.00	23.84 2.51 -0.02	25.12 2.45 0.00	27.45 2.78 -0.02	36.57 3.78 -5.40	43.71 4.04 -9.26	46.86 4.27 -10.26	47.91 3.67 -11.50	121.24 3.99 -82.58	209.75 4.58 -167.30	273.92 4.78 -228.96	241.63 5.05 -196.14	241.55 4.72 -196.50	267.94 5.04 -220.17	142.55 6.04 -90.00	138.82 5.77 -86.54	120.95 4.16 -75.14	60.89 3.83 -18.72	44.66 3.41 -6.83	39.52 3.47 -5.06	39.58 3.02 -8.31
HOLTSVILLE_IC_7 23696	38.04 3.19 -8.23	34.21 2.86 -6.90	28.18 2.66 -2.55	24.25 2.50 0.00	23.84 2.51 -0.02	25.12 2.45 0.00	27.45 2.78 -0.02	36.57 3.78 -5.40	43.71 4.04 -9.26	46.86 4.27 -10.26	47.91 3.67 -11.50	121.24 3.99 -82.58	209.75 4.58 -167.30	273.92 4.78 -228.96	241.63 5.05 -196.14	241.55 4.72 -196.50	267.94 5.04 -220.17	142.55 6.04 -90.00	138.82 5.77 -86.54	120.95 4.16 -75.14	60.89 3.83 -18.72	44.66 3.41 -6.83	39.52 3.47 -5.06	39.58 3.02 -8.31
HOLTSVILLE_IC_8 23697	38.04 3.19 -8.23	34.21 2.86 -6.90	28.18 2.66 -2.55	24.25 2.50 0.00	23.84 2.51 -0.02	25.12 2.45 0.00	27.45 2.78 -0.02	36.57 3.78 -5.40	43.71 4.04 -9.26	46.86 4.27 -10.26	47.91 3.67 -11.50	121.24 3.99 -82.58	209.75 4.58 -167.30	273.92 4.78 -228.96	241.63 5.05 -196.14	241.55 4.72 -196.50	267.94 5.04 -220.17	142.55 6.04 -90.00	138.82 5.77 -86.54	120.95 4.16 -75.14	60.89 3.83 -18.72	44.66 3.41 -6.83	39.52 3.47 -5.06	39.58 3.02 -8.31
HOLTSVILLE_IC_9 23698	38.04 3.19 -8.23	34.21 2.86 -6.90	28.18 2.66 -2.55	24.25 2.50 0.00	23.84 2.51 -0.02	25.12 2.45 0.00	27.45 2.78 -0.02	36.57 3.78 -5.40	43.71 4.04 -9.26	46.86 4.27 -10.26	47.91 3.67 -11.50	121.24 3.99 -82.58	209.75 4.58 -167.30	273.92 4.78 -228.96	241.63 5.05 -196.14	241.55 4.72 -196.50	267.94 5.04 -220.17	142.55 6.04 -90.00	138.82 5.77 -86.54	120.95 4.16 -75.14	60.89 3.83 -18.72	44.66 3.41 -6.83	39.52 3.47 -5.06	39.58 3.02 -8.31
HOMER_HL_115KV_TB2 355744	26.59 -0.03 0.00	24.45 0.00 0.00	22.69 -0.28 0.00	21.47 -0.28 0.00	21.01 -0.30 0.00	22.49 -0.18 0.00	24.72 0.07 0.00	27.01 -0.38 0.00	30.04 -0.36 0.00	31.78 -0.55 0.00	32.58 -0.16 0.00	34.05 -0.69 -0.07	36.62 -1.25 0.00	38.97 -1.21 0.00	39.58 -0.85 0.00	40.57 -1.57 -1.80	43.36 -1.50 -2.13	48.52 -0.70 -2.70	48.34 0.05 -1.78	41.85 0.21 0.00	38.23 -0.12 0.00	34.66 0.24 0.00	31.27 0.28 0.00	28.49 0.25 0.00
HOWARD_WT_PWR 323690	27.34 0.72 0.00	25.11 0.66 0.00	23.38 0.41 0.00	22.14 0.39 0.00	21.65 0.34 0.00	23.21 0.54 0.00	25.41 0.76 0.00	27.83 0.44 0.00	31.07 0.67 0.00	32.92 0.58 0.00	33.83 1.08 0.00	35.30 0.55 -0.08	38.21 0.34 0.00	40.62 0.44 0.00	40.63 0.20 0.00	42.44 0.12 -1.98	45.28 0.21 -2.33	50.55 1.07 -2.96	50.09 1.58 -2.00	43.43 1.79 0.00	39.92 1.57 0.00	35.66 1.24 0.00	32.26 1.27 0.00	30.07 1.83 0.00
HQ_GEN_CEDARS 23644	25.85 -0.77 0.00	23.81 -0.64 0.00	22.34 -0.62 0.00	21.16 -0.59 0.00	20.71 -0.60 0.00	22.08 -0.59 0.00	24.00 -0.64 0.00	26.60 -0.79 0.00	29.52 -0.88 0.00	31.43 -0.91 0.00	31.86 -0.88 0.00	33.84 -0.83 0.00	36.93 -0.95 0.00	39.22 -0.96 0.00	39.34 -1.09 0.00	38.92 -1.41 0.00	41.32 -1.41 0.00	44.56 -1.95 0.00	44.60 -1.91 0.00	40.64 -1.00 0.00	37.38 -0.96 0.00	33.59 -0.83 0.00	30.12 -0.87 0.00	27.42 -0.82 0.00
HQ_GEN_CEDARS_PROXY 323590	25.84 -0.77 0.00	23.81 -0.64 0.00	22.34 -0.62 0.00	21.14 -0.61 0.00	20.71 -0.60 0.00	22.08 -0.59 0.00	24.00 -0.64 0.00	26.63 -0.77 0.00	29.52 -0.88 0.00	31.43 -0.91 0.00	31.87 -0.88 0.00	33.81 -0.87 0.00	36.93 -0.95 0.00	39.21 -0.96 0.00	39.34 -1.09 0.00	38.92 -1.41 0.00	41.32 -1.41 0.00	44.56 -1.95 0.00	44.60 -1.91 0.00	40.60 -1.04 0.00	37.39 -0.96 0.00	34.64 -0.83 -1.04	29.08 -0.87 1.04	27.39 -0.85 0.00
HQ_GEN_IMPORT 323601	26.14 -0.48 0.00	24.03 -0.42 0.00	22.57 -0.39 0.00	21.36 -0.39 0.00	20.93 -0.38 0.00	22.28 -0.39 0.00	24.23 -0.42 0.00	26.93 -0.47 0.00	29.86 -0.55 0.00	31.78 -0.55 0.00	32.19 -0.56 0.00	34.08 -0.59 0.00	37.23 -0.64 0.00	39.54 -0.64 0.00	39.74 -0.69 0.00	39.57 -0.77 0.00	41.91 -0.81 0.00	45.35 -1.16 0.00	45.35 -1.16 0.00	40.93 -0.71 0.00	37.69 -0.65 0.00	34.91 -0.55 -1.04	29.39 -0.56 1.04	27.70 -0.54 0.00
HQ_GEN_WHEEL 23651	26.14 -0.48 0.00	24.03 -0.42 0.00	22.57 -0.39 0.00	21.36 -0.39 0.00	20.93 -0.38 0.00	22.28 -0.39 0.00	24.23 -0.42 0.00	26.93 -0.47 0.00	29.86 -0.55 0.00	31.78 -0.55 0.00	32.19 -0.56 0.00	34.08 -0.59 0.00	37.23 -0.64 0.00	39.54 -0.64 0.00	39.74 -0.69 0.00	39.57 -0.77 0.00	41.91 -0.81 0.00	45.35 -1.16 0.00	45.35 -1.16 0.00	40.93 -0.71 0.00	37.69 -0.65 0.00	34.91 -0.55 -1.04	29.39 -0.56 1.04	27.70 -0.54 0.00
HUDSON_AVE_GT_3 23810	29.04 2.42 0.00	26.58 2.13 0.00	24.89 1.93 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.43 1.77 0.00	26.59 1.95 0.00	30.05 2.66 0.00	33.39 2.98 0.00	37.42 3.20 -1.89	35.66 2.91 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.57 3.78 -0.62	48.93 4.00 -4.50	67.34 4.48 -22.52	72.99 4.83 -25.43	84.67 5.40 -32.77	61.06 4.74 -9.81	44.72 3.08 0.00	41.22 2.88 0.00	37.11 2.68 0.00	33.59 2.60 0.00	30.78 2.54 0.00
HUDSON_AVE_GT_4 23540	29.04 2.42 0.00	26.58 2.13 0.00	24.89 1.93 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.43 1.77 0.00	26.59 1.95 0.00	30.05 2.66 0.00	33.39 2.98 0.00	37.42 3.20 -1.89	35.66 2.91 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.57 3.78 -0.62	48.93 4.00 -4.50	67.34 4.48 -22.52	72.99 4.83 -25.43	84.67 5.40 -32.77	61.06 4.74 -9.81	44.72 3.08 0.00	41.22 2.88 0.00	37.11 2.68 0.00	33.59 2.60 0.00	30.78 2.54 0.00
HUDSON_AVE_GT_5 23657	29.04 2.42 0.00	26.58 2.13 0.00	24.89 1.93 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.43 1.77 0.00	26.59 1.95 0.00	30.05 2.66 0.00	33.39 2.98 0.00	37.42 3.20 -1.89	35.66 2.91 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.57 3.78 -0.62	48.93 4.00 -4.50	67.34 4.48 -22.52	72.99 4.83 -25.43	84.67 5.40 -32.77	61.06 4.74 -9.81	44.72 3.08 0.00	41.22 2.88 0.00	37.11 2.68 0.00	33.59 2.60 0.00	30.78 2.54 0.00

HUDSON_AVE_10 24168	28.99 2.37 0.00	26.53 2.08 0.00	24.82 1.86 0.00	23.45 1.70 0.00	23.02 1.70 0.00	24.37 1.70 0.00	26.54 1.90 0.00	30.00 2.60 0.00	33.33 2.92 0.00	37.36 3.14 -1.89	35.53 2.78 0.00	38.85 2.98 -1.19	42.75 3.45 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.26 4.40 -22.52	72.86 4.70 -25.43	84.53 5.26 -32.77	60.92 4.60 -9.81	44.60 2.96 0.00	41.10 2.76 0.00	36.97 2.55 0.00	33.53 2.54 0.00	30.75 2.51 0.00
HUDSON___115KV_TB 4 355613	28.21 1.60 0.00	25.87 1.42 0.00	24.32 1.35 0.00	23.01 1.26 0.00	22.53 1.21 0.00	23.94 1.27 0.00	26.00 1.36 0.00	28.71 1.32 0.00	31.90 1.49 0.00	34.40 1.65 -0.42	34.19 1.44 0.00	37.19 1.59 -0.92	40.04 1.86 -0.32	42.24 1.93 -0.14	43.08 1.66 -0.99	57.41 1.65 -15.42	62.42 1.75 -17.95	71.40 2.00 -22.89	67.58 2.23 -18.83	43.31 1.67 0.00	40.03 1.69 0.00	35.94 1.51 0.00	32.60 1.61 0.00	29.71 1.47 0.00
HUNTER MOUNT___DRP 323613	28.43 1.81 0.00	26.04 1.59 0.00	24.48 1.52 0.00	23.18 1.44 0.00	22.65 1.34 0.00	24.09 1.43 0.00	26.15 1.50 0.00	28.71 1.32 0.00	31.90 1.49 0.00	34.40 1.71 -0.35	34.12 1.38 0.00	36.92 1.42 -0.83	40.00 1.86 -0.27	42.18 1.89 -0.12	42.81 1.54 -0.84	56.43 1.49 -14.60	61.32 1.58 -17.02	69.97 1.77 -21.69	65.53 1.95 -17.07	43.18 1.54 0.00	39.95 1.61 0.00	35.90 1.48 0.00	32.70 1.70 0.00	29.79 1.55 0.00
HUNTINGTON_RES_REC 323705	37.83 2.98 -8.23	34.02 2.67 -6.90	27.97 2.46 -2.55	24.05 2.30 0.00	23.63 2.30 -0.02	24.89 2.22 0.00	27.23 2.56 -0.02	36.14 3.37 -5.37	47.41 3.77 -13.24	51.16 3.85 -14.98	110.88 3.24 -74.89	230.93 3.64 -192.62	430.54 4.20 -388.46	574.76 4.38 -530.20	501.42 4.61 -456.38	478.33 4.27 -433.72	532.97 4.53 -485.71	412.70 5.63 -360.56	368.80 5.39 -316.90	284.55 3.79 -239.12	82.16 3.41 -40.40	53.61 3.03 -16.15	39.56 3.13 -5.44	34.80 2.63 -3.94
HUNTLEY___63 23557	26.56 -0.05 0.00	24.38 -0.07 0.00	22.66 -0.30 0.00	21.44 -0.30 0.00	20.97 -0.34 0.00	22.44 -0.23 0.00	24.57 -0.07 0.00	26.79 -0.60 0.00	29.71 -0.70 0.00	31.36 -0.97 0.00	32.22 -0.52 0.00	33.58 -1.14 -0.06	36.43 -1.44 0.00	38.57 -1.61 0.00	39.06 -1.37 0.00	40.30 -1.53 -1.50	43.05 -1.45 -1.77	48.30 -0.47 -2.25	47.39 -0.56 -1.44	41.68 0.04 0.00	38.19 -0.15 0.00	34.35 -0.07 0.00	31.05 0.06 0.00	28.27 0.03 0.00
HUNTLEY___64 23558	26.56 -0.05 0.00	24.38 -0.07 0.00	22.66 -0.30 0.00	21.44 -0.30 0.00	20.97 -0.34 0.00	22.44 -0.23 0.00	24.57 -0.07 0.00	26.79 -0.60 0.00	29.71 -0.70 0.00	31.36 -0.97 0.00	32.22 -0.52 0.00	33.58 -1.14 -0.06	36.43 -1.44 0.00	38.57 -1.61 0.00	39.06 -1.37 0.00	40.30 -1.53 -1.50	43.05 -1.45 -1.77	48.30 -0.47 -2.25	47.39 -0.56 -1.44	41.68 0.04 0.00	38.19 -0.15 0.00	34.35 -0.07 0.00	31.05 0.06 0.00	28.27 0.03 0.00
HUNTLEY___65 23559	26.56 -0.05 0.00	24.38 -0.07 0.00	22.66 -0.30 0.00	21.44 -0.30 0.00	20.97 -0.34 0.00	22.44 -0.23 0.00	24.57 -0.07 0.00	26.79 -0.60 0.00	29.71 -0.70 0.00	31.36 -0.97 0.00	32.22 -0.52 0.00	33.58 -1.14 -0.06	36.43 -1.44 0.00	38.57 -1.61 0.00	39.06 -1.37 0.00	40.30 -1.53 -1.50	43.05 -1.45 -1.77	48.30 -0.47 -2.25	47.39 -0.56 -1.44	41.68 0.04 0.00	38.19 -0.15 0.00	34.35 -0.07 0.00	31.05 0.06 0.00	28.27 0.03 0.00
HUNTLEY___66 23560	26.56 -0.05 0.00	24.38 -0.07 0.00	22.66 -0.30 0.00	21.44 -0.30 0.00	20.97 -0.34 0.00	22.44 -0.23 0.00	24.57 -0.07 0.00	26.79 -0.60 0.00	29.71 -0.70 0.00	31.36 -0.97 0.00	32.22 -0.52 0.00	33.58 -1.14 -0.06	36.43 -1.44 0.00	38.57 -1.61 0.00	39.06 -1.37 0.00	40.30 -1.53 -1.50	43.05 -1.45 -1.77	48.30 -0.47 -2.25	47.39 -0.56 -1.44	41.68 0.04 0.00	38.19 -0.15 0.00	34.35 -0.07 0.00	31.05 0.06 0.00	28.27 0.03 0.00
HUNTLEY___67 23561	26.43 -0.19 0.00	24.23 -0.22 0.00	22.55 -0.41 0.00	21.34 -0.41 0.00	20.88 -0.43 0.00	22.30 -0.36 0.00	24.45 -0.20 0.00	26.66 -0.74 0.00	29.56 -0.85 0.00	31.20 -1.13 0.00	32.03 -0.72 0.00	33.38 -1.35 -0.06	36.21 -1.67 0.00	38.49 -1.69 0.00	38.93 -1.50 0.00	40.29 -1.57 -1.53	43.00 -1.54 -1.81	48.29 -0.51 -2.30	47.42 -0.56 -1.47	41.60 -0.04 0.00	38.11 -0.23 0.00	34.18 -0.24 0.00	30.87 -0.12 0.00	28.13 -0.11 0.00
HUNTLEY___68 23562	26.43 -0.19 0.00	24.23 -0.22 0.00	22.55 -0.41 0.00	21.34 -0.41 0.00	20.88 -0.43 0.00	22.30 -0.36 0.00	24.45 -0.20 0.00	26.66 -0.74 0.00	29.56 -0.85 0.00	31.20 -1.13 0.00	32.03 -0.72 0.00	33.38 -1.35 -0.06	36.21 -1.67 0.00	38.49 -1.69 0.00	38.93 -1.50 0.00	40.29 -1.57 -1.53	43.00 -1.54 -1.81	48.29 -0.51 -2.30	47.42 -0.56 -1.47	41.60 -0.04 0.00	38.11 -0.23 0.00	34.18 -0.24 0.00	30.87 -0.12 0.00	28.13 -0.11 0.00
HYLAND___LFGE 323620	28.05 1.44 0.00	25.72 1.27 0.00	23.97 1.01 0.00	22.68 0.93 0.00	22.16 0.85 0.00	23.75 1.09 0.00	26.02 1.38 0.00	28.33 0.93 0.00	31.32 0.91 0.00	32.59 0.26 0.00	33.34 0.59 0.00	33.56 -1.18 -0.06	36.02 -1.85 0.00	38.01 -2.17 0.00	38.73 -1.70 0.00	40.57 -1.41 -1.64	43.51 -1.15 -1.94	48.93 -0.05 -2.46	49.01 0.88 -1.61	43.81 2.16 0.00	40.49 2.15 0.00	36.04 1.62 0.00	33.28 2.29 0.00	31.04 2.80 0.00
INDECK___CORINTH 23802	28.13 1.52 0.00	25.82 1.37 0.00	24.27 1.31 0.00	22.92 1.17 0.00	22.46 1.15 0.00	23.96 1.29 0.00	26.02 1.38 0.00	28.98 1.59 0.00	32.20 1.79 0.00	34.69 1.91 -0.45	34.65 1.90 0.00	38.37 2.25 -1.44	40.45 2.23 -0.34	42.58 2.25 -0.15	43.29 1.78 -1.08	58.71 1.77 -16.60	64.01 1.97 -19.31	73.42 2.28 -24.63	81.06 2.93 -31.61	43.85 2.21 0.00	40.76 2.42 0.00	36.52 2.10 0.00	32.63 1.64 0.00	29.48 1.24 0.00
INDECK___ILION 23567	26.78 0.16 0.00	24.57 0.12 0.00	23.10 0.14 0.00	21.88 0.13 0.00	21.44 0.13 0.00	22.78 0.11 0.00	24.79 0.15 0.00	27.53 0.14 0.00	30.56 0.15 0.00	32.49 0.16 0.00	32.91 0.16 0.00	34.98 0.31 0.00	38.21 0.34 0.00	40.50 0.32 0.00	40.63 0.20 0.00	40.58 0.24 0.00	42.94 0.21 0.00	46.79 0.28 0.00	46.84 0.33 0.00	41.85 0.21 0.00	38.53 0.19 0.00	34.63 0.21 0.00	31.15 0.15 0.00	28.38 0.14 0.00
INDECK___OLEAN 23982	26.59 -0.03 0.00	24.45 0.00 0.00	22.69 -0.27 0.00	21.49 -0.26 0.00	21.01 -0.30 0.00	22.48 -0.18 0.00	24.72 0.07 0.00	26.87 -0.52 0.00	30.04 -0.36 0.00	31.81 -0.52 0.00	32.78 0.03 0.00	34.15 -0.59 -0.07	36.62 -1.25 0.00	38.98 -1.20 0.00	39.54 -0.89 0.00	40.56 -1.57 -1.80	43.39 -1.45 -2.12	48.46 -0.75 -2.69	48.34 0.05 -1.78	41.94 0.29 0.00	38.34 0.00 0.00	34.66 0.24 0.00	31.30 0.31 0.00	29.34 1.10 0.00
INDECK___OSWEGO 23783	26.08 -0.53 0.00	23.98 -0.47 0.00	22.50 -0.46 0.00	21.33 -0.41 0.00	20.89 -0.43 0.00	22.24 -0.43 0.00	24.18 -0.47 0.00	26.85 -0.55 0.00	29.86 -0.55 0.00	31.78 -0.55 0.00	32.03 -0.72 0.00	33.84 -0.83 0.00	36.89 -0.98 0.00	39.18 -1.00 0.00	39.30 -1.13 0.00	40.00 -1.09 -0.75	42.42 -1.20 -0.89	46.52 -1.12 -1.13	45.58 -0.93 0.00	40.81 -0.83 0.00	37.58 -0.77 0.00	33.70 -0.72 0.00	30.56 -0.43 0.00	27.96 -0.28 0.00

INDECK___YERKES 23781	26.59 -0.03 0.00	24.40 -0.05 0.00	22.69 -0.27 0.00	21.49 -0.26 0.00	20.99 -0.32 0.00	22.46 -0.20 0.00	24.60 -0.05 0.00	26.57 -0.82 0.00	29.74 -0.67 0.00	31.46 -0.87 0.00	32.49 -0.26 0.00	33.76 -0.97 -0.06	36.47 -1.40 0.00	38.57 -1.61 0.00	38.98 -1.45 0.00	40.30 -1.53 -1.50	43.04 -1.45 -1.77	48.29 -0.47 -2.24	47.40 -0.56 -1.44	41.77 0.13 0.00	38.30 -0.04 0.00	34.39 -0.03 0.00	31.15 0.16 0.00	29.48 1.24 0.00
INDIAN POINT_GT_1 24139	28.59 1.97 0.00	26.23 1.78 0.00	24.62 1.65 0.00	23.29 1.54 0.00	22.85 1.53 0.00	24.19 1.52 0.00	26.30 1.65 0.00	29.56 2.16 0.00	32.81 2.40 0.00	37.08 2.59 -2.16	35.14 2.39 0.00	38.54 2.57 -1.30	42.50 2.99 -1.64	44.06 3.17 -0.70	49.08 3.52 -5.13	68.34 3.87 -24.13	74.04 4.14 -27.16	86.19 4.65 -35.03	60.28 4.09 -9.68	44.31 2.67 0.00	40.76 2.42 0.00	36.66 2.24 0.00	33.10 2.11 0.00	30.30 2.06 0.00
INDIAN POINT_GT_2 23659	28.59 1.97 0.00	26.23 1.78 0.00	24.62 1.65 0.00	23.29 1.54 0.00	22.85 1.53 0.00	24.19 1.52 0.00	26.30 1.65 0.00	29.56 2.16 0.00	32.81 2.40 0.00	37.08 2.59 -2.16	35.14 2.39 0.00	38.54 2.57 -1.30	42.50 2.99 -1.64	44.06 3.17 -0.70	49.08 3.52 -5.13	68.34 3.87 -24.13	74.04 4.14 -27.16	86.19 4.65 -35.03	60.28 4.09 -9.68	44.31 2.67 0.00	40.76 2.42 0.00	36.66 2.24 0.00	33.10 2.11 0.00	30.30 2.06 0.00
INDIAN POINT_GT_3 24019	28.59 1.97 0.00	26.23 1.78 0.00	24.62 1.65 0.00	23.29 1.54 0.00	22.85 1.53 0.00	24.19 1.52 0.00	26.30 1.65 0.00	29.56 2.16 0.00	32.81 2.40 0.00	37.08 2.59 -2.16	35.14 2.39 0.00	38.54 2.57 -1.30	42.50 2.99 -1.64	44.06 3.17 -0.70	49.08 3.52 -5.13	68.34 3.87 -24.13	74.04 4.14 -27.16	86.19 4.65 -35.03	60.28 4.09 -9.68	44.31 2.67 0.00	40.76 2.42 0.00	36.66 2.24 0.00	33.10 2.11 0.00	30.30 2.06 0.00
INDIAN POINT___2 23530	28.53 1.92 0.00	26.19 1.74 0.00	24.55 1.58 0.00	23.23 1.48 0.00	22.80 1.49 0.00	24.14 1.47 0.00	26.25 1.60 0.00	29.53 2.14 0.00	32.72 2.31 0.00	36.45 2.49 -1.63	35.01 2.26 0.00	38.24 2.50 -1.07	41.99 2.88 -1.24	43.73 3.01 -0.53	47.67 3.35 -3.88	64.58 3.71 -20.53	69.94 3.97 -23.24	80.89 4.47 -29.91	59.96 3.95 -9.50	44.14 2.50 0.00	40.60 2.26 0.00	36.52 2.10 0.00	33.04 2.04 0.00	29.96 1.72 0.00
INDIAN POINT___3 23531	28.53 1.92 0.00	26.18 1.74 0.00	24.57 1.61 0.00	23.25 1.50 0.00	22.80 1.49 0.00	24.16 1.50 0.00	26.25 1.60 0.00	29.48 2.08 0.00	32.72 2.31 0.00	37.65 2.49 -2.83	35.04 2.29 0.00	38.69 2.43 -1.59	42.86 2.84 -2.15	44.12 3.01 -0.92	50.48 3.32 -6.74	72.53 3.67 -28.52	78.60 3.93 -31.94	92.19 4.42 -41.26	60.10 3.91 -9.68	44.14 2.50 0.00	40.61 2.26 0.00	36.55 2.13 0.00	33.04 2.05 0.00	30.22 1.98 0.00
INGHAM_C_115KV_TB7 356103	26.72 0.11 0.00	24.52 0.07 0.00	23.05 0.09 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.73 0.07 0.00	24.77 0.12 0.00	27.48 0.08 0.00	30.53 0.12 0.00	32.46 0.13 0.00	32.88 0.13 0.00	35.02 0.35 0.00	38.25 0.38 0.00	40.58 0.40 0.00	40.55 0.12 0.00	40.46 0.12 0.00	42.85 0.13 0.00	46.70 0.19 0.00	46.74 0.23 0.00	41.81 0.17 0.00	38.50 0.15 0.00	34.56 0.14 0.00	31.12 0.12 0.00	28.35 0.11 0.00
IP CORINTH___1 23988	28.29 1.68 0.00	25.94 1.49 0.00	24.39 1.42 0.00	23.03 1.28 0.00	22.57 1.26 0.00	24.09 1.43 0.00	26.17 1.53 0.00	29.12 1.73 0.00	32.38 1.98 0.00	34.89 2.10 -0.45	34.84 2.10 0.00	38.51 2.39 -1.44	40.68 2.46 -0.34	42.82 2.49 -0.15	43.53 2.02 -1.08	58.91 1.98 -16.60	64.26 2.22 -19.32	73.66 2.51 -24.64	81.33 3.21 -31.61	44.10 2.46 0.00	40.99 2.65 0.00	36.69 2.27 0.00	32.82 1.83 0.00	29.79 1.55 0.00
IP___TICONDEROGA 23804	29.94 3.33 0.00	27.43 2.98 0.00	25.76 2.80 0.00	24.29 2.54 0.00	23.78 2.47 0.00	25.48 2.81 0.00	27.63 2.98 0.00	30.82 3.42 0.00	34.36 3.95 0.00	36.99 4.20 -0.45	37.04 4.29 0.00	40.89 4.78 -1.43	43.25 5.04 -0.35	45.55 5.22 -0.15	45.76 4.25 -1.08	60.96 4.03 -16.59	66.52 4.49 -19.30	76.16 5.02 -24.63	84.44 6.51 -31.42	47.10 5.46 0.00	43.90 5.56 0.00	39.21 4.78 0.00	34.77 3.78 0.00	31.43 3.19 0.00
ISLIP_RES_REC 323679	38.23 3.38 -8.23	34.38 3.03 -6.90	28.32 2.80 -2.55	24.38 2.63 0.00	23.97 2.64 -0.02	25.25 2.58 0.00	27.62 2.96 -0.02	36.76 3.97 -5.40	43.87 4.32 -9.15	47.02 4.56 -10.12	50.85 3.99 -14.11	114.42 4.37 -75.37	195.69 5.00 -152.81	254.63 5.22 -209.23	225.03 5.50 -179.10	226.46 5.16 -180.96	250.98 5.47 -202.78	137.44 6.60 -84.33	131.88 6.37 -79.00	114.43 4.66 -68.13	59.90 4.26 -17.30	44.43 3.79 -6.22	40.00 3.78 -5.23	40.45 3.30 -8.91
JAMAICA__27_KV_LOAD 355505	29.25 2.64 0.00	26.72 2.27 0.00	25.01 2.04 0.00	23.58 1.83 0.00	23.17 1.85 0.00	24.53 1.86 0.00	26.74 2.09 0.00	30.30 2.90 0.00	33.69 3.28 0.00	37.75 3.52 -1.89	35.76 3.01 0.00	39.09 3.22 -1.19	43.06 3.75 -1.43	44.77 3.98 -0.62	49.09 4.16 -4.50	67.66 4.80 -22.52	73.33 5.17 -25.43	85.04 5.77 -32.77	61.43 5.12 -9.81	44.93 3.29 0.00	41.45 3.11 0.00	37.24 2.82 0.00	33.94 2.94 0.00	31.06 2.82 0.00
JANIS___SOLAR 323808	28.05 1.44 0.00	25.77 1.32 0.00	24.13 1.17 0.00	22.84 1.09 0.00	22.31 1.00 0.00	23.84 1.18 0.00	26.07 1.43 0.00	28.71 1.31 0.00	31.81 1.40 0.00	33.59 1.26 0.00	34.16 1.41 0.00	36.22 1.42 -0.12	39.27 1.40 0.00	41.79 1.61 0.00	41.72 1.29 0.00	44.19 1.37 -2.48	47.24 1.58 -2.93	52.51 2.28 -3.72	52.62 2.98 -3.12	44.51 2.87 0.00	40.99 2.64 0.00	36.63 2.20 0.00	32.85 1.86 0.00	30.07 1.83 0.00
JARVIS____ 23743	26.72 0.11 0.00	24.55 0.10 0.00	23.05 0.09 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.76 0.09 0.00	24.74 0.10 0.00	27.51 0.11 0.00	30.53 0.12 0.00	32.43 0.10 0.00	32.85 0.10 0.00	34.81 0.14 0.00	38.02 0.15 0.00	40.34 0.16 0.00	40.59 0.16 0.00	40.50 0.16 0.00	42.85 0.13 0.00	46.74 0.23 0.00	46.74 0.23 0.00	41.73 0.08 0.00	38.42 0.08 0.00	34.52 0.10 0.00	31.08 0.09 0.00	28.32 0.08 0.00
JENNISON___1 23625	28.27 1.65 0.00	25.94 1.49 0.00	24.34 1.38 0.00	23.03 1.28 0.00	22.48 1.17 0.00	23.98 1.31 0.00	26.25 1.60 0.00	28.93 1.53 0.00	32.08 1.67 0.00	33.95 1.62 0.00	34.52 1.77 0.00	36.86 2.01 -0.18	39.92 2.05 0.00	42.47 2.29 0.00	42.57 2.14 0.00	45.60 2.14 -3.13	48.72 2.31 -3.69	54.08 2.88 -4.68	54.40 3.30 -4.59	44.56 2.91 0.00	40.99 2.65 0.00	36.76 2.34 0.00	32.97 1.98 0.00	29.96 1.72 0.00
JENNISON___2 23626	28.27 1.65 0.00	25.94 1.49 0.00	24.34 1.38 0.00	23.03 1.28 0.00	22.48 1.17 0.00	23.98 1.31 0.00	26.25 1.60 0.00	28.93 1.53 0.00	32.08 1.67 0.00	33.95 1.62 0.00	34.52 1.77 0.00	36.86 2.01 -0.18	39.92 2.05 0.00	42.47 2.29 0.00	42.57 2.14 0.00	45.60 2.14 -3.13	48.72 2.31 -3.69	54.08 2.88 -4.68	54.40 3.30 -4.59	44.56 2.91 0.00	40.99 2.65 0.00	36.76 2.34 0.00	32.97 1.98 0.00	29.96 1.72 0.00

JERICO_RISE_WT_PWR 323719	26.14 -0.48 0.00	24.11 -0.34 0.00	22.64 -0.32 0.00	21.44 -0.30 0.00	21.01 -0.30 0.00	22.42 -0.25 0.00	24.47 -0.17 0.00	27.18 -0.22 0.00	30.23 -0.18 0.00	32.17 -0.16 0.00	32.62 -0.13 0.00	34.47 -0.21 0.00	37.61 -0.26 0.00	39.90 -0.28 0.00	40.07 -0.36 0.00	39.57 -0.77 0.00	42.09 -0.64 0.00	45.44 -1.07 0.00	45.49 -1.02 0.00	41.68 0.04 0.00	38.27 -0.08 0.00	34.32 -0.10 0.00	30.59 -0.40 0.00	27.65 -0.59 0.00
KATONAH__115KV_46KV_TB4 355592	28.75 2.13 0.00	26.45 2.00 0.00	24.82 1.86 0.00	23.49 1.74 0.00	23.02 1.70 0.00	24.39 1.72 0.00	26.52 1.87 0.00	29.89 2.49 0.00	33.11 2.71 0.00	36.61 2.97 -1.31	35.57 2.82 0.00	38.64 3.02 -0.95	42.50 3.64 -0.99	44.46 3.86 -0.43	48.03 4.49 -3.11	64.03 4.80 -18.90	69.23 5.00 -21.51	79.77 5.63 -27.64	61.33 4.84 -9.98	44.89 3.25 0.00	41.26 2.91 0.00	37.07 2.65 0.00	33.32 2.32 0.00	30.58 2.34 0.00
KCE_NY_1 323755	28.51 1.89 0.00	26.13 1.69 0.00	24.57 1.61 0.00	23.23 1.48 0.00	22.76 1.45 0.00	24.25 1.59 0.00	26.32 1.68 0.00	29.31 1.92 0.00	32.53 2.13 0.00	35.05 2.26 -0.46	34.98 2.23 0.00	38.66 2.57 -1.42	40.91 2.69 -0.35	43.14 2.81 -0.15	44.07 2.55 -1.09	59.46 2.54 -16.58	64.83 2.82 -19.29	74.28 3.16 -24.60	81.25 3.58 -31.15	44.39 2.75 0.00	41.11 2.76 0.00	36.90 2.48 0.00	33.10 2.11 0.00	29.96 1.72 0.00
KCE_NY_6_ESR 323823	26.75 0.13 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.62 -0.13 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.77 0.12 0.00	26.79 -0.60 0.00	29.98 -0.43 0.00	31.72 -0.62 0.00	32.75 0.00 0.00	34.07 -0.66 -0.06	36.81 -1.06 0.00	39.13 -1.04 0.00	39.54 -0.89 0.00	40.84 -1.09 -1.59	43.67 -0.94 -1.88	48.94 0.05 -2.39	48.25 0.19 -1.55	42.31 0.66 0.00	38.77 0.42 0.00	34.66 0.24 0.00	31.39 0.40 0.00	29.65 1.41 0.00
KEDC_PORT_JEFF_GT2 24210	37.91 3.06 -8.23	34.11 2.76 -6.90	28.07 2.55 -2.55	24.16 2.41 0.00	23.74 2.41 -0.02	25.00 2.34 0.00	27.35 2.69 -0.02	36.41 3.62 -5.40	43.83 3.89 -9.53	46.95 4.04 -10.58	68.55 3.18 -32.63	130.56 3.50 -92.38	228.85 3.98 -187.00	300.15 4.18 -255.79	264.16 4.41 -219.32	262.03 4.07 -217.63	290.86 4.31 -243.83	135.58 5.30 -83.77	154.35 5.02 -102.81	132.87 3.58 -87.65	62.29 3.30 -20.65	45.15 3.06 -7.66	39.26 3.28 -4.98	38.81 2.82 -7.75
KEDC_PORT_JEFF_GT3 24211	37.91 3.06 -8.23	34.11 2.76 -6.90	28.07 2.55 -2.55	24.16 2.41 0.00	23.74 2.41 -0.02	25.00 2.34 0.00	27.35 2.69 -0.02	36.41 3.62 -5.40	43.83 3.89 -9.53	46.95 4.04 -10.58	68.55 3.18 -32.63	130.56 3.50 -92.38	228.85 3.98 -187.00	300.15 4.18 -255.79	264.16 4.41 -219.32	262.03 4.07 -217.63	290.86 4.31 -243.83	135.58 5.30 -83.77	154.35 5.02 -102.81	132.87 3.58 -87.65	62.29 3.30 -20.65	45.15 3.06 -7.66	39.26 3.28 -4.98	38.81 2.82 -7.75
KEDC_GLWD_GT4 24219	37.46 2.61 -8.23	33.70 2.35 -6.90	27.65 2.14 -2.56	23.75 2.00 0.00	23.33 2.00 -0.02	24.66 2.00 0.00	26.88 2.22 -0.02	35.63 2.85 -5.39	36.21 3.16 -2.64	38.11 3.39 -2.38	35.89 3.14 0.00	39.80 3.30 -1.83	46.63 3.75 -5.01	52.03 3.94 -7.91	49.91 4.28 -5.19	67.04 4.27 -22.43	72.58 4.53 -25.33	84.54 5.39 -32.63	61.30 4.98 -9.81	45.39 3.37 -0.37	44.26 3.10 -2.81	37.21 2.79 0.00	37.56 2.69 -3.87	34.63 2.49 -3.91
KEDC_GLWD_GT5 24220	37.46 2.61 -8.23	33.70 2.35 -6.90	27.65 2.14 -2.56	23.75 2.00 0.00	23.33 2.00 -0.02	24.66 2.00 0.00	26.88 2.22 -0.02	35.63 2.85 -5.39	36.21 3.16 -2.64	38.11 3.39 -2.38	35.89 3.14 0.00	39.80 3.30 -1.83	46.63 3.75 -5.01	52.03 3.94 -7.91	49.91 4.28 -5.19	67.04 4.27 -22.43	72.58 4.53 -25.33	84.54 5.39 -32.63	61.30 4.98 -9.81	45.39 3.37 -0.37	44.26 3.10 -2.81	37.21 2.79 0.00	37.56 2.69 -3.87	34.63 2.49 -3.91
KENSICO____ 23655	28.72 2.10 0.00	26.33 1.88 0.00	24.68 1.72 0.00	23.36 1.61 0.00	22.93 1.62 0.00	24.28 1.61 0.00	26.40 1.75 0.00	29.70 2.30 0.00	32.99 2.58 0.00	37.12 2.78 -2.01	35.30 2.55 0.00	38.65 2.74 -1.24	42.58 3.18 -1.52	44.17 3.33 -0.65	48.89 3.68 -4.78	67.67 4.07 -23.26	73.27 4.32 -26.23	85.16 4.84 -33.81	60.62 4.33 -9.78	44.47 2.83 0.00	40.91 2.57 0.00	36.80 2.38 0.00	33.25 2.26 0.00	30.44 2.20 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.64 2.02 0.00	26.21 1.76 0.00	24.59 1.63 0.00	23.31 1.57 0.00	22.80 1.49 0.00	24.14 1.47 0.00	26.22 1.58 0.00	29.18 1.78 0.00	32.35 1.95 0.00	34.21 2.07 0.19	34.62 1.87 0.00	36.98 2.01 -0.30	40.42 2.69 0.15	42.89 3.78 0.06	42.93 2.95 0.46	51.81 3.31 -8.17	55.99 3.50 -9.76	62.85 4.00 -12.34	59.91 3.72 -9.67	44.06 2.42 0.00	40.49 2.15 0.00	36.49 2.07 0.00	32.97 1.98 0.00	30.19 1.95 0.00
KIAC_JFK_GT1 23816	29.17 2.56 0.00	26.65 2.20 0.00	24.91 1.95 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.46 1.79 0.00	26.67 2.02 0.00	30.22 2.82 0.00	33.60 3.19 0.00	37.65 3.43 -1.89	35.63 2.88 0.00	38.95 3.09 -1.19	42.91 3.60 -1.43	44.57 3.78 -0.62	48.97 4.04 -4.50	67.46 4.60 -22.52	73.12 4.96 -25.43	84.81 5.53 -32.77	61.20 4.88 -9.81	44.76 3.12 0.00	41.26 2.91 0.00	37.11 2.68 0.00	33.81 2.82 0.00	30.95 2.71 0.00
KIAC_JFK_GT2 23817	29.17 2.56 0.00	26.65 2.20 0.00	24.91 1.95 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.46 1.79 0.00	26.67 2.02 0.00	30.22 2.82 0.00	33.60 3.19 0.00	37.65 3.43 -1.89	35.63 2.88 0.00	38.95 3.09 -1.19	42.91 3.60 -1.43	44.57 3.78 -0.62	48.97 4.04 -4.50	67.46 4.60 -22.52	73.12 4.96 -25.43	84.81 5.53 -32.77	61.20 4.88 -9.81	44.76 3.12 0.00	41.26 2.91 0.00	37.11 2.68 0.00	33.81 2.82 0.00	30.95 2.71 0.00
KIAC_JFK____ 323774	29.17 2.56 0.00	26.65 2.20 0.00	24.91 1.95 0.00	23.51 1.76 0.00	23.08 1.77 0.00	24.46 1.79 0.00	26.67 2.02 0.00	30.27 2.88 0.00	33.60 3.19 0.00	37.62 3.39 -1.89	35.60 2.85 0.00	38.99 3.12 -1.19	42.91 3.60 -1.43	44.57 3.78 -0.62	48.97 4.04 -4.50	67.46 4.60 -22.52	73.11 4.95 -25.43	84.81 5.53 -32.76	61.20 4.88 -9.81	44.72 3.08 0.00	41.26 2.91 0.00	37.07 2.65 0.00	33.72 2.73 0.00	30.53 2.29 0.00
KINTIGH____ 23543	26.30 -0.32 0.00	24.11 -0.34 0.00	22.48 -0.48 0.00	21.27 -0.48 0.00	20.82 -0.49 0.00	22.24 -0.43 0.00	24.35 -0.30 0.00	26.66 -0.74 0.00	29.59 -0.82 0.00	31.23 -1.10 0.00	32.00 -0.75 0.00	33.40 -1.32 -0.05	36.28 -1.59 0.00	38.57 -1.61 0.00	38.93 -1.50 0.00	40.29 -1.37 -1.32	42.92 -1.37 -1.56	48.07 -0.42 -1.98	47.05 -0.70 -1.23	41.48 -0.17 0.00	38.07 -0.27 0.00	34.08 -0.34 0.00	30.74 -0.25 0.00	27.96 -0.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.67 0.05 0.00	24.62 0.17 0.00	23.10 0.14 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.87 0.20 0.00	24.99 0.35 0.00	27.72 0.33 0.00	30.83 0.43 0.00	32.85 0.52 0.00	33.34 0.59 0.00	35.19 0.52 0.00	38.40 0.53 0.00	40.74 0.56 0.00	40.92 0.49 0.00	40.26 -0.08 0.00	42.85 0.13 0.00	46.23 -0.28 0.00	46.37 -0.14 0.00	42.77 1.12 0.00	39.26 0.92 0.00	35.21 0.79 0.00	31.30 0.31 0.00	28.27 0.03 0.00

LACHUTE____HYDRO 323717	29.94 3.33 0.00	27.43 2.98 0.00	25.76 2.80 0.00	24.29 2.54 0.00	23.78 2.47 0.00	25.48 2.81 0.00	27.63 2.98 0.00	30.85 3.45 0.00	34.36 3.95 0.00	36.99 4.20 -0.45	37.04 4.29 0.00	41.03 4.92 -1.43	43.26 5.04 -0.35	45.55 5.22 -0.15	45.76 4.24 -1.08	60.96 4.03 -16.59	66.51 4.49 -19.30	76.16 5.02 -24.62	84.45 6.51 -31.42	47.10 5.45 0.00	43.90 5.56 0.00	39.20 4.78 0.00	34.77 3.78 0.00	31.35 3.11 0.00
LAWRNCAV_115KV_TB1 80681	25.42 -1.20 0.00	23.40 -1.05 0.00	21.98 -0.99 0.00	20.81 -0.94 0.00	20.35 -0.96 0.00	21.71 -0.95 0.00	23.63 -1.01 0.00	26.19 -1.21 0.00	29.04 -1.37 0.00	30.94 -1.39 0.00	31.37 -1.38 0.00	33.35 -1.32 0.00	36.40 -1.48 0.00	38.61 -1.57 0.00	38.69 -1.74 0.00	38.24 -2.10 0.00	40.59 -2.14 0.00	43.77 -2.74 0.00	43.81 -2.70 0.00	40.02 -1.62 0.00	36.85 -1.50 0.00	33.11 -1.31 0.00	29.63 -1.36 0.00	26.94 -1.30 0.00
LEDERLE____ 23769	28.59 1.97 0.00	26.23 1.78 0.00	24.59 1.63 0.00	23.29 1.54 0.00	22.85 1.53 0.00	24.19 1.52 0.00	26.27 1.63 0.00	29.45 2.05 0.00	32.69 2.28 0.00	31.98 2.46 2.81	35.01 2.26 0.00	36.27 2.43 0.83	38.62 2.88 2.13	42.28 3.01 0.92	37.06 3.32 6.68	35.49 3.71 8.56	38.26 3.93 8.39	39.57 4.42 11.36	59.79 3.95 -9.32	44.18 2.54 0.00	40.61 2.26 0.00	36.59 2.17 0.00	33.07 2.08 0.00	30.25 2.01 0.00
LIGHTHSE_115KV_TB6 355974	26.40 -0.21 0.00	24.25 -0.20 0.00	22.76 -0.21 0.00	21.55 -0.20 0.00	21.08 -0.23 0.00	22.46 -0.20 0.00	24.47 -0.17 0.00	27.18 -0.22 0.00	30.19 -0.21 0.00	32.04 -0.29 0.00	32.55 -0.20 0.00	34.39 -0.28 0.00	37.49 -0.38 0.00	39.86 -0.32 0.00	39.86 -0.57 0.00	40.44 -0.61 -0.71	42.76 -0.81 -0.84	46.93 -0.65 -1.07	46.14 -0.37 0.00	41.43 -0.21 0.00	38.15 -0.19 0.00	34.28 -0.14 0.00	30.87 -0.12 0.00	28.07 -0.17 0.00
LINDEN COGEN____ 23786	28.83 2.21 0.00	26.38 1.93 0.00	24.69 1.72 0.00	23.32 1.57 0.00	22.91 1.60 0.00	24.23 1.56 0.00	26.40 1.75 0.00	29.89 2.49 0.00	33.11 2.71 0.00	33.84 2.88 1.37	35.27 2.52 0.00	35.52 2.81 1.96	36.73 3.26 4.40	36.94 3.38 6.61	37.44 3.60 6.59	47.38 4.07 -2.97	54.77 4.36 -7.68	58.47 4.88 -7.08	43.78 4.23 6.96	36.98 2.63 7.29	35.26 2.46 5.54	35.25 2.27 1.44	33.25 2.26 0.00	30.22 1.98 0.00
LINDHRST_69_KV_BK1 356055	38.05 3.19 -8.23	34.24 2.88 -6.90	28.18 2.66 -2.55	24.25 2.50 0.00	23.80 2.47 -0.02	25.11 2.45 0.00	27.45 2.78 -0.02	36.29 3.51 -5.39	38.46 3.86 -4.19	40.70 4.14 -4.23	39.21 3.70 -2.76	47.15 3.99 -8.49	55.15 4.51 -12.78	71.10 4.78 -26.14	66.34 4.97 -20.94	81.84 4.72 -36.78	89.12 5.00 -41.40	85.33 6.19 -32.63	64.14 5.95 -11.67	50.31 4.33 -4.34	46.49 4.03 -4.12	38.60 3.61 -0.56	37.87 3.56 -3.32	37.96 3.39 -6.33
LIPA_MISC_IPP 23656	37.86 3.01 -8.23	34.07 2.71 -6.90	28.04 2.53 -2.55	24.14 2.39 0.00	23.74 2.41 -0.02	25.00 2.33 0.00	27.32 2.66 -0.02	36.49 3.70 -5.40	43.36 4.01 -8.94	46.47 4.27 -9.87	115.33 3.80 -78.78	117.37 4.06 -78.64	140.42 4.70 -97.85	263.13 4.78 -218.17	232.22 4.97 -186.82	233.01 4.68 -188.00	258.34 4.96 -210.66	111.69 5.77 -59.41	121.26 5.53 -69.22	110.39 3.96 -64.79	59.89 3.60 -17.94	44.12 3.20 -6.50	39.02 3.22 -4.80	39.44 3.11 -8.10
LISF____SOLAR 323691	37.91 3.06 -8.23	34.09 2.74 -6.90	28.07 2.55 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	25.02 2.36 0.00	27.35 2.69 -0.02	36.60 3.81 -5.40	43.50 4.08 -9.01	46.59 4.30 -9.96	139.53 3.76 -103.01	118.45 4.23 -79.55	203.93 4.85 -161.21	265.86 5.02 -220.66	234.50 5.09 -188.98	235.09 4.80 -189.96	260.67 5.08 -212.86	129.37 5.91 -76.95	125.26 5.67 -73.08	112.79 4.04 -67.11	60.18 3.72 -18.12	44.27 3.27 -6.58	39.13 3.28 -4.86	39.26 2.88 -8.14
LITTLE FALLS____HYD 24013	26.72 0.11 0.00	24.52 0.07 0.00	23.05 0.09 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.73 0.07 0.00	24.77 0.12 0.00	27.48 0.08 0.00	30.53 0.12 0.00	32.46 0.13 0.00	32.88 0.13 0.00	35.02 0.35 0.00	38.25 0.38 0.00	40.58 0.40 0.00	40.55 0.12 0.00	40.46 0.12 0.00	42.85 0.13 0.00	46.70 0.19 0.00	46.74 0.23 0.00	41.81 0.17 0.00	38.50 0.15 0.00	34.56 0.14 0.00	31.12 0.12 0.00	28.35 0.11 0.00
LITTLRIV_115KV_TB1 356100	25.66 -0.96 0.00	23.64 -0.81 0.00	22.18 -0.78 0.00	21.01 -0.74 0.00	20.52 -0.79 0.00	21.92 -0.75 0.00	23.91 -0.74 0.00	26.41 -0.99 0.00	29.28 -1.13 0.00	31.20 -1.13 0.00	31.64 -1.11 0.00	33.74 -0.94 0.00	36.77 -1.10 0.00	39.09 -1.08 0.00	39.02 -1.42 0.00	38.56 -1.77 0.00	40.93 -1.79 0.00	44.09 -2.42 0.00	44.23 -2.28 0.00	40.39 -1.25 0.00	37.19 -1.15 0.00	33.42 -1.00 0.00	29.91 -1.08 0.00	27.17 -1.07 0.00
LI_NEWBRDGE____DRP 323616	37.38 2.53 -8.23	33.63 2.27 -6.90	27.61 2.09 -2.55	23.73 1.98 0.00	23.29 1.96 -0.02	24.59 1.93 0.00	26.83 2.17 -0.02	35.55 2.77 -5.39	36.09 3.04 -2.64	37.98 3.27 -2.38	35.63 2.88 0.00	39.59 3.09 -1.83	46.44 3.56 -5.01	51.82 3.74 -7.91	49.63 4.00 -5.19	66.52 3.75 -22.43	72.03 3.97 -25.33	84.12 4.98 -32.63	60.97 4.65 -9.81	45.22 3.21 -0.37	44.07 2.91 -2.81	37.07 2.65 0.00	33.98 2.70 -0.29	34.73 2.60 -3.89
LOCKPORT_115KV_TB60_63_64 80432	26.46 -0.16 0.00	24.25 -0.20 0.00	22.57 -0.39 0.00	21.36 -0.39 0.00	20.91 -0.40 0.00	22.35 -0.32 0.00	24.45 -0.20 0.00	26.60 -0.79 0.00	29.49 -0.91 0.00	31.10 -1.23 0.00	31.96 -0.79 0.00	33.30 -1.42 -0.05	36.09 -1.78 0.00	38.37 -1.81 0.00	38.77 -1.66 0.00	40.00 -1.77 -1.44	42.67 -1.75 -1.70	47.97 -0.70 -2.15	47.08 -0.79 -1.36	41.56 -0.08 0.00	38.07 -0.27 0.00	34.11 -0.31 0.00	30.84 -0.15 0.00	28.07 -0.17 0.00
LOCKPORT____CC1 323769	26.46 -0.16 0.00	24.25 -0.20 0.00	22.57 -0.39 0.00	21.38 -0.37 0.00	20.89 -0.43 0.00	22.35 -0.32 0.00	24.45 -0.20 0.00	26.38 -1.01 0.00	29.50 -0.91 0.00	31.17 -1.16 0.00	32.16 -0.59 0.00	33.41 -1.32 -0.05	36.09 -1.78 0.00	38.37 -1.81 0.00	38.73 -1.70 0.00	40.00 -1.77 -1.44	42.72 -1.71 -1.70	48.02 -0.65 -2.16	47.15 -0.75 -1.38	41.64 0.00 0.00	38.15 -0.19 0.00	34.11 -0.31 0.00	30.90 -0.09 0.00	29.23 0.99 0.00
LOCKPORT____CC2 323770	26.46 -0.16 0.00	24.25 -0.20 0.00	22.57 -0.39 0.00	21.38 -0.37 0.00	20.89 -0.43 0.00	22.35 -0.32 0.00	24.45 -0.20 0.00	26.38 -1.01 0.00	29.50 -0.91 0.00	31.17 -1.16 0.00	32.16 -0.59 0.00	33.41 -1.32 -0.05	36.09 -1.78 0.00	38.37 -1.81 0.00	38.73 -1.70 0.00	40.00 -1.77 -1.44	42.72 -1.71 -1.70	48.02 -0.65 -2.16	47.15 -0.75 -1.38	41.64 0.00 0.00	38.15 -0.19 0.00	34.11 -0.31 0.00	30.90 -0.09 0.00	29.23 0.99 0.00
LOCKPORT____CC3 323771	26.46 -0.16 0.00	24.25 -0.20 0.00	22.57 -0.39 0.00	21.38 -0.37 0.00	20.89 -0.43 0.00	22.35 -0.32 0.00	24.45 -0.20 0.00	26.38 -1.01 0.00	29.50 -0.91 0.00	31.17 -1.16 0.00	32.16 -0.59 0.00	33.41 -1.32 -0.05	36.09 -1.78 0.00	38.37 -1.81 0.00	38.73 -1.70 0.00	40.00 -1.77 -1.44	42.72 -1.71 -1.70	48.02 -0.65 -2.16	47.15 -0.75 -1.38	41.64 0.00 0.00	38.15 -0.19 0.00	34.11 -0.31 0.00	30.90 -0.09 0.00	29.23 0.99 0.00

LONG_LAKE_PHOENIX 24014	26.19 -0.43 0.00	24.06 -0.39 0.00	22.57 -0.39 0.00	21.38 -0.37 0.00	20.95 -0.36 0.00	22.30 -0.36 0.00	24.28 -0.37 0.00	26.96 -0.44 0.00	29.98 -0.43 0.00	31.85 -0.48 0.00	32.36 -0.39 0.00	34.15 -0.52 0.00	37.30 -0.57 0.00	39.62 -0.56 0.00	39.70 -0.73 0.00	40.41 -0.73 -0.80	42.90 -0.77 -0.95	47.11 -0.60 -1.20	46.09 -0.42 0.00	41.27 -0.37 0.00	38.00 -0.35 0.00	34.04 -0.38 0.00	30.65 -0.34 0.00	27.93 -0.31 0.00
LOVETT___3 23632	28.45 1.84 0.00	26.09 1.64 0.00	24.50 1.54 0.00	23.18 1.44 0.00	22.76 1.45 0.00	24.09 1.43 0.00	26.15 1.50 0.00	29.37 1.97 0.00	32.57 2.16 0.00	31.69 2.36 3.01	34.84 2.10 0.00	36.02 2.25 0.91	38.24 2.65 2.28	41.97 2.77 0.98	36.39 3.11 7.16	34.04 3.51 9.80	36.75 3.76 9.74	37.62 4.23 13.12	59.56 3.67 -9.37	43.93 2.29 0.00	40.41 2.07 0.00	36.38 1.96 0.00	32.88 1.89 0.00	30.08 1.84 0.00
LOVETT___4 23642	28.45 1.84 0.00	26.09 1.64 0.00	24.50 1.54 0.00	23.18 1.44 0.00	22.76 1.45 0.00	24.09 1.43 0.00	26.15 1.50 0.00	29.37 1.97 0.00	32.57 2.16 0.00	31.69 2.36 3.01	34.84 2.10 0.00	36.02 2.25 0.91	38.24 2.65 2.28	41.97 2.77 0.98	36.39 3.11 7.16	34.04 3.51 9.80	36.75 3.76 9.74	37.62 4.23 13.12	59.56 3.67 -9.37	43.93 2.29 0.00	40.41 2.07 0.00	36.38 1.96 0.00	32.88 1.89 0.00	30.08 1.84 0.00
LOVETT___5 23593	28.45 1.84 0.00	26.09 1.64 0.00	24.50 1.54 0.00	23.18 1.44 0.00	22.76 1.45 0.00	24.09 1.43 0.00	26.15 1.50 0.00	29.37 1.97 0.00	32.57 2.16 0.00	31.69 2.36 3.01	34.84 2.10 0.00	36.02 2.25 0.91	38.24 2.65 2.28	41.97 2.77 0.98	36.39 3.11 7.16	34.04 3.51 9.80	36.75 3.76 9.74	37.62 4.23 13.12	59.56 3.67 -9.37	43.93 2.29 0.00	40.41 2.07 0.00	36.38 1.96 0.00	32.88 1.89 0.00	30.08 1.84 0.00
LOWER RAQUET___HYD 24057	25.26 -1.36 0.00	23.28 -1.17 0.00	21.86 -1.10 0.00	20.68 -1.07 0.00	20.23 -1.09 0.00	21.58 -1.09 0.00	23.51 -1.13 0.00	26.05 -1.34 0.00	28.86 -1.55 0.00	30.75 -1.58 0.00	31.18 -1.57 0.00	33.15 -1.52 0.00	36.17 -1.70 0.00	38.41 -1.77 0.00	38.45 -1.98 0.00	38.00 -2.34 0.00	40.33 -2.39 0.00	43.49 -3.02 0.00	43.58 -2.93 0.00	39.81 -1.83 0.00	36.66 -1.69 0.00	32.94 -1.48 0.00	29.44 -1.55 0.00	26.71 -1.53 0.00
LOWER___HUDSON 24059	28.05 1.44 0.00	25.74 1.29 0.00	24.20 1.24 0.00	22.90 1.15 0.00	22.46 1.15 0.00	23.89 1.22 0.00	25.93 1.28 0.00	28.90 1.51 0.00	32.05 1.64 0.00	34.56 1.74 -0.48	34.42 1.67 0.00	37.95 1.98 -1.30	40.32 2.08 -0.36	42.54 2.21 -0.16	43.76 2.18 -1.14	58.96 2.18 -16.45	64.24 2.39 -19.12	73.61 2.70 -24.40	77.15 2.84 -27.80	43.64 2.00 0.00	40.30 1.95 0.00	36.24 1.82 0.00	32.57 1.58 0.00	29.51 1.27 0.00
LOWVILLE_115KV_TB2 356335	26.75 0.13 0.00	24.60 0.15 0.00	23.08 0.11 0.00	21.86 0.11 0.00	21.35 0.04 0.00	22.76 0.09 0.00	24.87 0.22 0.00	27.53 0.14 0.00	30.50 0.09 0.00	32.40 0.06 0.00	32.85 0.10 0.00	35.02 0.35 0.00	38.10 0.23 0.00	40.46 0.28 0.00	40.39 -0.04 0.00	40.54 -0.16 -0.36	42.90 -0.26 -0.43	46.87 -0.19 -0.54	46.65 0.14 0.00	42.06 0.42 0.00	38.73 0.38 0.00	34.77 0.34 0.00	31.18 0.19 0.00	28.32 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.48 1.86 0.00	26.14 1.69 0.00	24.55 1.58 0.00	23.23 1.48 0.00	22.76 1.45 0.00	24.23 1.56 0.00	26.32 1.68 0.00	29.29 1.89 0.00	32.53 2.13 0.00	35.05 2.26 -0.46	34.98 2.23 0.00	38.59 2.50 -1.42	40.91 2.69 -0.35	43.10 2.77 -0.15	44.02 2.51 -1.09	59.46 2.54 -16.58	64.79 2.78 -19.29	74.23 3.12 -24.61	81.20 3.53 -31.15	44.39 2.75 0.00	41.07 2.72 0.00	36.83 2.41 0.00	33.07 2.08 0.00	30.08 1.84 0.00
LUTHERNY_35_KV_BK2 355980	28.51 1.89 0.00	26.14 1.69 0.00	24.57 1.61 0.00	23.23 1.48 0.00	22.76 1.45 0.00	24.25 1.59 0.00	26.32 1.68 0.00	29.31 1.92 0.00	32.53 2.13 0.00	35.05 2.26 -0.46	34.98 2.23 0.00	38.63 2.53 -1.42	40.95 2.73 -0.35	43.14 2.81 -0.15	44.07 2.55 -1.09	59.46 2.54 -16.58	64.84 2.82 -19.29	74.28 3.16 -24.61	81.24 3.58 -31.15	44.43 2.79 0.00	41.10 2.76 0.00	36.86 2.44 0.00	33.10 2.11 0.00	30.10 1.86 0.00
LWR___OSWEGATCHIE_HYD 23850	25.82 -0.80 0.00	23.76 -0.68 0.00	22.32 -0.64 0.00	21.12 -0.63 0.00	20.65 -0.66 0.00	22.01 -0.66 0.00	24.03 -0.62 0.00	26.60 -0.79 0.00	29.49 -0.91 0.00	31.36 -0.97 0.00	31.80 -0.95 0.00	33.81 -0.87 0.00	36.85 -1.02 0.00	39.13 -1.04 0.00	39.14 -1.29 0.00	39.07 -1.53 -0.27	41.37 -1.67 -0.31	44.91 -2.00 -0.40	44.74 -1.77 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.59 -0.83 0.00	30.12 -0.87 0.00	27.34 -0.90 0.00
LYONS_FALL_HYD 23570	26.94 0.32 0.00	24.72 0.27 0.00	23.22 0.25 0.00	21.97 0.22 0.00	21.48 0.17 0.00	22.89 0.23 0.00	24.99 0.34 0.00	27.70 0.30 0.00	30.68 0.27 0.00	32.62 0.29 0.00	33.08 0.33 0.00	35.26 0.59 0.00	38.36 0.49 0.00	40.78 0.60 0.00	40.72 0.29 0.00	40.92 0.24 -0.34	43.30 0.17 -0.40	47.34 0.33 -0.50	47.11 0.60 0.00	42.31 0.66 0.00	38.95 0.61 0.00	34.97 0.55 0.00	31.36 0.37 0.00	28.55 0.31 0.00
MADISON___COUNTY_LFGE 323628	27.28 0.67 0.00	25.06 0.61 0.00	23.51 0.55 0.00	22.25 0.50 0.00	21.78 0.47 0.00	23.21 0.54 0.00	25.31 0.67 0.00	28.03 0.63 0.00	31.11 0.70 0.00	33.08 0.74 0.00	33.57 0.82 0.00	35.68 1.01 0.00	38.93 1.06 0.00	41.34 1.17 0.00	41.44 1.01 0.00	41.92 1.01 -0.58	44.48 1.07 -0.68	48.72 1.35 -0.86	48.14 1.63 0.00	43.06 1.42 0.00	39.61 1.27 0.00	35.52 1.10 0.00	31.89 0.90 0.00	28.97 0.73 0.00
MALONE___115KV_TB1 356076	26.03 -0.59 0.00	24.01 -0.44 0.00	22.55 -0.41 0.00	21.34 -0.41 0.00	20.91 -0.40 0.00	22.33 -0.34 0.00	24.37 -0.27 0.00	27.04 -0.36 0.00	30.04 -0.36 0.00	32.04 -0.29 0.00	32.49 -0.26 0.00	34.39 -0.28 0.00	37.53 -0.34 0.00	39.82 -0.36 0.00	39.90 -0.53 0.00	39.33 -1.01 0.00	41.83 -0.90 0.00	45.12 -1.40 0.00	45.21 -1.30 0.00	41.56 -0.08 0.00	38.19 -0.15 0.00	34.25 -0.17 0.00	30.53 -0.46 0.00	27.62 -0.62 0.00
MAPLEWOD_115KV_TB3 80458	28.13 1.52 0.00	25.79 1.34 0.00	24.25 1.29 0.00	22.94 1.20 0.00	22.48 1.17 0.00	23.91 1.25 0.00	25.95 1.31 0.00	28.88 1.48 0.00	32.11 1.70 0.00	34.61 1.81 -0.47	34.48 1.74 0.00	37.80 1.94 -1.19	40.35 2.12 -0.36	42.54 2.21 -0.15	43.61 2.06 -1.12	58.80 2.10 -16.36	64.02 2.26 -19.03	73.35 2.56 -24.28	74.30 2.79 -25.00	43.64 2.00 0.00	40.30 1.96 0.00	36.18 1.76 0.00	32.60 1.61 0.00	29.68 1.44 0.00
MAPLE RIDGE_WT_1 323574	26.24 -0.37 0.00	24.11 -0.34 0.00	22.66 -0.30 0.00	21.49 -0.26 0.00	21.06 -0.25 0.00	22.42 -0.25 0.00	24.40 -0.25 0.00	27.40 0.00 0.00	30.44 0.03 0.00	32.33 0.00 0.00	32.72 -0.03 0.00	34.67 0.00 0.00	37.83 -0.04 0.00	40.10 -0.08 0.00	40.31 -0.12 0.00	40.22 -0.12 0.00	42.56 -0.17 0.00	46.46 -0.05 0.00	46.56 0.05 0.00	41.60 -0.04 0.00	38.23 -0.11 0.00	34.18 -0.24 0.00	30.71 -0.28 0.00	27.93 -0.31 0.00

MAPLE_RIDGE_WT_2 323611	26.24 -0.37 0.00	24.11 -0.34 0.00	22.66 -0.30 0.00	21.49 -0.26 0.00	21.06 -0.25 0.00	22.42 -0.25 0.00	24.40 -0.25 0.00	27.40 0.00 0.00	30.44 0.03 0.00	32.33 0.00 0.00	32.72 -0.03 0.00	34.67 0.00 0.00	37.83 -0.04 0.00	40.10 -0.08 0.00	40.31 -0.12 0.00	40.22 -0.12 0.00	42.56 -0.17 0.00	46.46 -0.05 0.00	46.56 0.05 0.00	41.60 -0.04 0.00	38.23 -0.11 0.00	34.18 -0.24 0.00	30.71 -0.28 0.00	27.93 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	26.16 -0.45 0.00	24.13 -0.32 0.00	22.66 -0.30 0.00	21.47 -0.28 0.00	21.03 -0.28 0.00	22.44 -0.23 0.00	24.50 -0.15 0.00	27.21 -0.19 0.00	30.26 -0.15 0.00	32.24 -0.10 0.00	32.65 -0.10 0.00	34.50 -0.17 0.00	37.65 -0.23 0.00	39.94 -0.24 0.00	40.11 -0.32 0.00	39.65 -0.69 0.00	42.13 -0.60 0.00	45.49 -1.02 0.00	45.53 -0.98 0.00	41.73 0.08 0.00	38.30 -0.04 0.00	34.35 -0.07 0.00	30.62 -0.37 0.00	27.68 -0.56 0.00
MARSHVLE_115KV_TB1 80742	29.04 2.42 0.00	26.62 2.18 0.00	25.01 2.04 0.00	23.64 1.89 0.00	23.17 1.85 0.00	24.75 2.09 0.00	26.86 2.22 0.00	29.83 2.44 0.00	33.11 2.71 0.00	35.41 2.75 -0.33	35.53 2.78 0.00	38.81 2.91 -1.23	41.27 3.14 -0.25	43.58 3.29 -0.11	44.25 3.03 -0.79	61.85 2.94 -18.57	67.64 3.20 -21.71	77.93 3.77 -27.65	78.58 4.56 -27.51	45.51 3.87 0.00	42.14 3.80 0.00	37.90 3.48 0.00	33.84 2.85 0.00	30.67 2.43 0.00
MARSH_HILL_WT_PWR 323713	27.34 0.72 0.00	25.11 0.66 0.00	23.38 0.41 0.00	22.14 0.39 0.00	21.63 0.32 0.00	23.19 0.52 0.00	25.41 0.76 0.00	27.81 0.41 0.00	31.05 0.64 0.00	32.88 0.55 0.00	33.80 1.05 0.00	35.27 0.52 -0.08	38.17 0.30 0.00	40.54 0.36 0.00	40.59 0.16 0.00	42.37 0.08 -1.95	45.20 0.17 -2.30	50.46 1.02 -2.92	50.01 1.53 -1.97	43.39 1.75 0.00	39.84 1.49 0.00	35.63 1.20 0.00	32.23 1.24 0.00	30.05 1.81 0.00
MCINTYRE_115KV_TB2 80467	25.98 -0.64 0.00	23.94 -0.51 0.00	22.43 -0.53 0.00	21.25 -0.50 0.00	20.76 -0.55 0.00	22.17 -0.50 0.00	24.18 -0.47 0.00	26.71 -0.68 0.00	29.59 -0.82 0.00	31.52 -0.81 0.00	31.96 -0.79 0.00	34.05 -0.62 0.00	37.08 -0.80 0.00	39.42 -0.76 0.00	39.42 -1.01 0.00	38.92 -1.41 0.00	41.36 -1.37 0.00	44.56 -1.95 0.00	44.70 -1.81 0.00	40.85 -0.79 0.00	37.61 -0.73 0.00	33.80 -0.62 0.00	30.25 -0.74 0.00	27.51 -0.73 0.00
MECO____69_KV_BK1 80468	29.65 3.03 0.00	27.19 2.74 0.00	25.53 2.57 0.00	24.12 2.37 0.00	23.61 2.30 0.00	25.27 2.61 0.00	27.38 2.74 0.00	30.44 3.04 0.00	33.75 3.34 0.00	36.03 3.33 -0.37	36.19 3.44 0.00	40.50 4.51 -1.32	43.00 4.85 -0.28	45.24 4.94 -0.12	44.66 3.36 -0.87	61.58 3.31 -17.94	67.48 3.80 -20.95	77.62 4.42 -26.69	81.56 5.63 -29.42	46.56 4.91 0.00	43.14 4.79 0.00	38.65 4.23 0.00	34.56 3.56 0.00	31.29 3.05 0.00
MENANDS__115KV_TB5 355628	27.84 1.22 0.00	25.55 1.10 0.00	24.02 1.06 0.00	22.73 0.98 0.00	22.29 0.98 0.00	23.69 1.02 0.00	25.71 1.06 0.00	28.60 1.21 0.00	31.77 1.37 0.00	34.26 1.45 -0.48	34.12 1.38 0.00	37.40 1.59 -1.14	39.94 1.70 -0.36	42.10 1.77 -0.16	43.26 1.70 -1.13	58.39 1.73 -16.31	63.57 1.88 -18.96	72.80 2.09 -24.20	72.40 2.23 -23.65	43.10 1.46 0.00	39.80 1.46 0.00	35.76 1.34 0.00	32.26 1.27 0.00	29.40 1.16 0.00
MG INDUSTRY__DRP 24185	27.87 1.25 0.00	25.57 1.12 0.00	24.06 1.10 0.00	22.77 1.02 0.00	22.31 1.00 0.00	23.73 1.07 0.00	25.75 1.11 0.00	28.60 1.21 0.00	31.77 1.37 0.00	34.22 1.45 -0.43	34.09 1.34 0.00	37.13 1.56 -0.90	39.68 1.48 -0.33	41.85 1.53 -0.14	42.88 1.42 -1.03	57.44 1.41 -15.69	62.44 1.45 -18.26	71.43 1.63 -23.29	66.48 1.86 -18.11	42.93 1.29 0.00	39.68 1.34 0.00	35.63 1.20 0.00	32.29 1.30 0.00	29.43 1.19 0.00
MID__OSWEGATCHIE_HYD 23849	25.82 -0.80 0.00	23.76 -0.68 0.00	22.32 -0.64 0.00	21.12 -0.63 0.00	20.65 -0.66 0.00	22.01 -0.66 0.00	24.03 -0.62 0.00	26.60 -0.79 0.00	29.49 -0.91 0.00	31.36 -0.97 0.00	31.80 -0.95 0.00	33.81 -0.87 0.00	36.85 -1.02 0.00	39.13 -1.04 0.00	39.14 -1.29 0.00	39.07 -1.53 -0.27	41.37 -1.67 -0.31	44.91 -2.00 -0.40	44.74 -1.77 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.59 -0.83 0.00	30.12 -0.87 0.00	27.34 -0.90 0.00
MID__RAQUETTE_HYD 23851	25.26 -1.36 0.00	23.28 -1.17 0.00	21.86 -1.10 0.00	20.68 -1.07 0.00	20.22 -1.09 0.00	21.58 -1.09 0.00	23.51 -1.13 0.00	26.05 -1.34 0.00	28.86 -1.55 0.00	30.75 -1.58 0.00	31.21 -1.54 0.00	33.18 -1.49 0.00	36.17 -1.70 0.00	38.41 -1.77 0.00	38.45 -1.98 0.00	38.00 -2.34 0.00	40.33 -2.39 0.00	43.49 -3.02 0.00	43.58 -2.93 0.00	39.81 -1.83 0.00	36.66 -1.69 0.00	32.94 -1.48 0.00	29.47 -1.52 0.00	26.77 -1.47 0.00
MILLIKEN__1 23584	27.31 0.69 0.00	25.11 0.66 0.00	23.49 0.53 0.00	22.25 0.50 0.00	21.78 0.47 0.00	23.23 0.57 0.00	25.34 0.69 0.00	28.08 0.68 0.00	31.20 0.79 0.00	33.08 0.74 0.00	33.63 0.88 0.00	35.62 0.87 -0.08	38.78 0.91 0.00	41.18 1.00 0.00	41.20 0.77 0.00	43.05 0.81 -1.90	45.87 0.90 -2.25	50.76 1.40 -2.85	50.26 1.77 -1.98	43.27 1.62 0.00	39.80 1.46 0.00	35.63 1.20 0.00	31.98 0.99 0.00	29.12 0.88 0.00
MILLIKEN__2 23585	27.31 0.69 0.00	25.11 0.66 0.00	23.49 0.53 0.00	22.25 0.50 0.00	21.78 0.47 0.00	23.23 0.57 0.00	25.34 0.69 0.00	28.08 0.68 0.00	31.20 0.79 0.00	33.08 0.74 0.00	33.63 0.88 0.00	35.62 0.87 -0.08	38.78 0.91 0.00	41.18 1.00 0.00	41.20 0.77 0.00	43.05 0.81 -1.90	45.87 0.90 -2.25	50.76 1.40 -2.85	50.26 1.77 -1.98	43.27 1.62 0.00	39.80 1.46 0.00	35.63 1.20 0.00	31.98 0.99 0.00	29.12 0.88 0.00
MILLIKEN__DIESEL 23629	27.31 0.69 0.00	25.11 0.66 0.00	23.49 0.53 0.00	22.25 0.50 0.00	21.78 0.47 0.00	23.23 0.57 0.00	25.34 0.69 0.00	28.08 0.68 0.00	31.20 0.79 0.00	33.08 0.74 0.00	33.63 0.88 0.00	35.62 0.87 -0.08	38.78 0.91 0.00	41.18 1.00 0.00	41.20 0.77 0.00	43.05 0.81 -1.90	45.87 0.90 -2.25	50.76 1.40 -2.85	50.26 1.77 -1.98	43.27 1.62 0.00	39.80 1.46 0.00	35.63 1.20 0.00	31.98 0.99 0.00	29.12 0.88 0.00
MILLSEAT__LFGE 323607	26.88 0.27 0.00	24.64 0.19 0.00	22.94 -0.02 0.00	21.71 -0.04 0.00	21.23 -0.08 0.00	22.71 0.05 0.00	24.87 0.22 0.00	26.93 -0.47 0.00	30.10 -0.30 0.00	31.81 -0.52 0.00	32.81 0.07 0.00	34.17 -0.56 -0.05	36.89 -0.98 0.00	39.26 -0.92 0.00	39.54 -0.89 0.00	40.68 -1.05 -1.39	43.42 -0.94 -1.64	48.73 0.14 -2.08	47.93 0.09 -1.32	42.60 0.96 0.00	39.03 0.69 0.00	34.80 0.38 0.00	31.49 0.49 0.00	29.71 1.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.64 2.02 0.00	26.26 1.81 0.00	24.64 1.68 0.00	23.31 1.57 0.00	22.87 1.56 0.00	24.21 1.54 0.00	26.32 1.68 0.00	29.59 2.19 0.00	32.84 2.43 0.00	37.17 2.65 -2.19	35.17 2.42 0.00	38.59 2.60 -1.32	42.60 3.07 -1.66	44.11 3.21 -0.71	49.20 3.56 -5.21	68.64 3.91 -24.39	74.33 4.14 -27.46	86.62 4.70 -35.41	60.38 4.14 -9.73	44.31 2.67 0.00	40.80 2.45 0.00	36.69 2.27 0.00	33.13 2.14 0.00	30.33 2.09 0.00

MILLWOOD_13_KV_LOAD 356217	28.69 2.08 0.00	26.36 1.91 0.00	24.73 1.77 0.00	23.40 1.65 0.00	22.95 1.64 0.00	24.30 1.63 0.00	26.42 1.77 0.00	29.75 2.36 0.00	32.99 2.58 0.00	37.33 2.81 -2.19	35.37 2.62 0.00	38.80 2.81 -1.32	42.87 3.33 -1.66	44.39 3.50 -0.71	49.60 3.96 -5.21	69.09 4.36 -24.39	74.76 4.57 -27.46	87.04 5.12 -35.41	60.71 4.47 -9.73	44.60 2.96 0.00	40.99 2.65 0.00	36.86 2.44 0.00	33.22 2.23 0.00	30.47 2.23 0.00
MODEL_CITY_ENERGY 24167	26.19 -0.43 0.00	24.03 -0.42 0.00	22.34 -0.62 0.00	21.18 -0.57 0.00	20.69 -0.62 0.00	22.12 -0.54 0.00	24.18 -0.47 0.00	26.05 -1.34 0.00	29.13 -1.28 0.00	30.78 -1.55 0.00	31.77 -0.98 0.00	32.96 -1.77 -0.06	35.60 -2.27 0.00	37.85 -2.33 0.00	38.21 -2.22 0.00	39.54 -2.26 -1.46	42.22 -2.22 -1.72	47.44 -1.25 -2.19	46.56 -1.35 -1.40	41.10 -0.54 0.00	37.69 -0.65 0.00	33.66 -0.76 0.00	30.49 -0.50 0.00	28.89 0.65 0.00
MODERN_LFGE_ 323580	26.19 -0.43 0.00	24.03 -0.42 0.00	22.34 -0.62 0.00	21.18 -0.57 0.00	20.69 -0.62 0.00	22.12 -0.54 0.00	24.18 -0.47 0.00	26.05 -1.34 0.00	29.13 -1.28 0.00	30.78 -1.55 0.00	31.77 -0.98 0.00	32.96 -1.77 -0.06	35.60 -2.27 0.00	37.85 -2.33 0.00	38.21 -2.22 0.00	39.54 -2.26 -1.46	42.22 -2.22 -1.72	47.44 -1.25 -2.19	46.56 -1.35 -1.40	41.10 -0.54 0.00	37.69 -0.65 0.00	33.66 -0.76 0.00	30.49 -0.50 0.00	28.89 0.65 0.00
MOHAWK_PAPER___DRP 24187	28.13 1.52 0.00	25.79 1.34 0.00	24.25 1.29 0.00	22.94 1.20 0.00	22.48 1.17 0.00	23.91 1.25 0.00	25.95 1.31 0.00	28.88 1.48 0.00	32.11 1.70 0.00	34.61 1.81 -0.47	34.48 1.74 0.00	37.80 1.94 -1.19	40.35 2.12 -0.36	42.54 2.21 -0.15	43.61 2.06 -1.12	58.80 2.10 -16.36	64.02 2.26 -19.03	73.35 2.56 -24.28	74.30 2.79 -25.00	43.64 2.00 0.00	40.30 1.96 0.00	36.18 1.76 0.00	32.60 1.61 0.00	29.68 1.44 0.00
MOHICAN___35_KV_115KV_LD 80490	28.51 1.89 0.00	26.14 1.69 0.00	24.57 1.61 0.00	23.21 1.46 0.00	22.74 1.43 0.00	24.28 1.61 0.00	26.37 1.73 0.00	29.34 1.95 0.00	32.63 2.22 0.00	35.15 2.36 -0.46	35.11 2.36 0.00	38.77 2.67 -1.43	41.02 2.80 -0.35	43.18 2.85 -0.15	43.86 2.34 -1.08	59.26 2.34 -16.59	64.63 2.61 -19.30	74.11 2.98 -24.62	81.49 3.67 -31.31	44.51 2.87 0.00	41.33 2.99 0.00	37.00 2.58 0.00	33.10 2.11 0.00	30.02 1.78 0.00
MONGAUP___HYD 23641	28.08 1.46 0.00	25.72 1.27 0.00	24.13 1.17 0.00	22.84 1.09 0.00	22.38 1.07 0.00	23.73 1.07 0.00	25.78 1.13 0.00	28.77 1.37 0.00	31.87 1.46 0.00	32.24 1.52 1.61	34.09 1.34 0.00	35.75 1.42 0.34	38.47 1.82 1.22	41.50 1.85 0.52	38.66 2.06 3.83	41.26 2.34 1.42	44.55 2.52 0.69	47.69 2.46 1.28	57.40 2.19 -8.70	43.39 1.75 0.00	39.95 1.61 0.00	35.93 1.51 0.00	32.51 1.52 0.00	29.51 1.27 0.00
MONTAUK___DIESEL 23721	39.48 4.63 -8.23	35.51 4.16 -6.90	29.37 3.86 -2.55	25.42 3.68 0.00	24.99 3.67 -0.02	26.25 3.58 0.00	28.73 4.07 -0.02	38.24 5.45 -5.40	45.55 6.17 -8.97	48.90 6.66 -9.90	118.55 6.45 -79.35	120.79 7.07 -79.04	145.00 7.84 -99.29	267.53 8.08 -219.28	236.50 8.29 -187.78	237.03 7.83 -188.87	262.52 8.16 -211.64	116.88 9.67 -60.69	126.49 9.30 -70.68	114.50 7.16 -65.70	62.80 6.44 -18.02	46.60 5.65 -6.53	41.14 5.33 -4.82	41.29 4.94 -8.11
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.39 0.77 0.00	25.11 0.66 0.00	23.31 0.34 0.00	22.05 0.30 0.00	21.57 0.26 0.00	23.14 0.48 0.00	25.43 0.79 0.00	27.89 0.49 0.00	31.01 0.61 0.00	32.82 0.48 0.00	33.76 1.02 0.00	35.33 0.59 -0.06	38.25 0.38 0.00	40.54 0.36 0.00	40.83 0.40 0.00	42.17 0.16 -1.67	44.87 0.17 -1.98	50.18 1.16 -2.51	49.68 1.53 -1.63	43.43 1.79 0.00	39.72 1.38 0.00	35.76 1.34 0.00	32.32 1.33 0.00	29.37 1.13 0.00
MORTIMER_115KV_TB3 55949	26.75 0.13 0.00	24.52 0.07 0.00	22.89 -0.07 0.00	21.66 -0.09 0.00	21.20 -0.11 0.00	22.64 -0.02 0.00	24.79 0.15 0.00	27.29 -0.11 0.00	30.35 -0.06 0.00	32.11 -0.23 0.00	32.85 0.10 0.00	34.47 -0.24 -0.04	37.46 -0.42 0.00	39.82 -0.36 0.00	40.15 -0.28 0.00	41.16 -0.36 -1.19	43.79 -0.34 -1.40	48.80 0.51 -1.78	47.96 0.37 -1.08	42.47 0.83 0.00	38.96 0.61 0.00	34.80 0.38 0.00	31.39 0.40 0.00	28.55 0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.96 2.34 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.94 2.55 0.00	33.26 2.86 0.00	37.29 3.07 -1.89	35.57 2.82 0.00	38.85 2.98 -1.19	42.75 3.45 -1.43	44.41 3.62 -0.62	48.81 3.88 -4.50	67.17 4.32 -22.52	72.77 4.61 -25.43	84.43 5.16 -32.76	60.92 4.60 -9.81	44.64 3.00 0.00	41.14 2.80 0.00	37.04 2.62 0.00	33.50 2.51 0.00	30.70 2.46 0.00
MUNSVILLE_WIND_PWR 323609	28.93 2.31 0.00	26.58 2.13 0.00	24.91 1.95 0.00	23.58 1.83 0.00	22.99 1.68 0.00	24.55 1.88 0.00	26.91 2.27 0.00	29.56 2.16 0.00	32.72 2.31 0.00	34.56 2.23 0.00	35.21 2.46 0.00	37.63 2.81 -0.15	40.68 2.80 0.00	43.35 3.17 0.00	43.22 2.79 0.00	45.92 2.78 -2.80	49.07 3.03 -3.31	54.47 3.77 -4.20	54.84 4.47 -3.86	45.81 4.16 0.00	42.18 3.83 0.00	37.73 3.30 0.00	33.78 2.79 0.00	30.89 2.65 0.00
N SALMON___HYD 24042	26.03 -0.59 0.00	24.01 -0.44 0.00	22.55 -0.41 0.00	21.33 -0.41 0.00	20.91 -0.41 0.00	22.33 -0.34 0.00	24.37 -0.27 0.00	27.04 -0.36 0.00	30.04 -0.36 0.00	32.01 -0.32 0.00	32.49 -0.26 0.00	34.36 -0.31 0.00	37.53 -0.34 0.00	39.82 -0.36 0.00	39.90 -0.53 0.00	39.33 -1.01 0.00	41.83 -0.90 0.00	45.12 -1.39 0.00	45.21 -1.30 0.00	41.56 -0.08 0.00	38.19 -0.15 0.00	34.25 -0.17 0.00	30.53 -0.46 0.00	27.59 -0.65 0.00
N.AKRON___115KV_KNAPP 355671	26.88 0.27 0.00	24.64 0.20 0.00	22.94 -0.02 0.00	21.68 -0.07 0.00	21.23 -0.09 0.00	22.69 0.02 0.00	24.87 0.22 0.00	27.12 -0.27 0.00	30.10 -0.30 0.00	31.72 -0.61 0.00	32.58 -0.16 0.00	34.07 -0.66 -0.05	36.93 -0.95 0.00	39.26 -0.92 0.00	39.58 -0.85 0.00	40.69 -1.05 -1.40	43.40 -0.98 -1.66	48.75 0.14 -2.10	47.93 0.09 -1.32	42.47 0.83 0.00	38.92 0.58 0.00	34.80 0.38 0.00	31.42 0.43 0.00	28.61 0.37 0.00
N.BELMOR_69_KV_BK1 55787	37.70 2.85 -8.23	33.92 2.57 -6.90	27.86 2.34 -2.55	23.97 2.22 0.00	23.52 2.20 -0.02	24.82 2.15 0.00	27.10 2.44 -0.02	35.82 3.04 -5.39	36.43 3.38 -2.64	38.37 3.65 -2.38	36.12 3.37 0.00	40.11 3.61 -1.83	46.93 4.05 -5.01	52.35 4.26 -7.91	50.19 4.57 -5.19	67.08 4.32 -22.43	72.63 4.57 -25.33	84.77 5.63 -32.63	61.67 5.35 -9.81	45.85 3.83 -0.37	44.76 3.60 -2.81	37.69 3.27 0.00	39.18 3.19 -4.99	35.17 3.02 -3.91
N.E._GEN_SANDY PD 24062	28.16 1.54 0.00	25.84 1.39 0.00	24.29 1.33 0.00	23.01 1.26 0.00	22.59 1.28 0.00	23.96 1.29 0.00	26.00 1.35 0.00	29.01 1.62 0.00	32.20 1.79 0.00	34.94 1.87 -0.73	34.52 1.77 0.00	37.59 2.05 -0.88	40.70 2.27 -0.56	43.30 2.41 -0.71	51.80 2.59 -8.78	59.57 2.66 -16.57	64.75 2.91 -19.12	77.99 3.30 -28.18	75.85 3.12 -26.22	64.75 2.04 -21.07	51.10 1.92 -10.84	39.90 1.79 -3.69	31.62 1.67 1.04	29.60 1.36 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.51 1.89 0.00	26.14 1.69 0.00	24.55 1.58 0.00	23.23 1.48 0.00	22.78 1.47 0.00	24.12 1.45 0.00	26.20 1.55 0.00	29.37 1.97 0.00	32.60 2.19 0.00	31.77 2.36 2.92	34.88 2.13 0.00	36.09 2.29 0.87	38.38 2.73 2.22	42.08 2.85 0.95	36.64 3.15 6.95	34.67 3.59 9.26	37.38 3.80 9.15	38.44 4.28 12.35	59.63 3.77 -9.35	44.02 2.37 0.00	40.45 2.11 0.00	36.45 2.03 0.00	32.94 1.95 0.00	30.13 1.89 0.00
N. QUEENS_27_KV_LOAD 356247	29.23 2.61 -0.01	26.76 2.30 -0.01	25.06 2.09 -0.01	23.66 1.91 0.00	23.23 1.92 0.00	24.43 1.77 0.00	26.52 1.87 0.00	30.14 2.74 -0.01	33.42 3.01 -0.01	37.53 3.30 -1.90	35.63 2.88 0.00	38.98 3.12 -1.19	43.02 3.71 -1.43	44.69 3.90 -0.62	48.61 3.68 -4.50	67.42 4.56 -22.52	73.07 4.91 -25.43	84.71 5.44 -32.76	60.96 4.65 -9.80	44.68 3.04 0.00	41.37 3.03 0.00	37.21 2.79 0.00	33.70 2.70 -0.01	30.96 2.71 -0.01
N. TROY___115KV_TB1 355778	28.05 1.44 0.00	25.74 1.30 0.00	24.20 1.24 0.00	22.92 1.17 0.00	22.46 1.15 0.00	23.89 1.22 0.00	25.93 1.28 0.00	28.88 1.48 0.00	32.05 1.64 0.00	34.56 1.75 -0.48	34.45 1.70 0.00	37.92 1.94 -1.30	40.36 2.12 -0.36	42.55 2.21 -0.16	43.72 2.14 -1.14	58.97 2.18 -16.45	64.24 2.39 -19.13	73.61 2.70 -24.40	77.15 2.84 -27.80	43.64 2.00 0.00	40.30 1.96 0.00	36.21 1.79 0.00	32.60 1.61 0.00	29.68 1.44 0.00
NARROWS_GT1_1 24228	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT1_2 24229	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT1_3 24230	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT1_4 24231	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT1_5 24232	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT1_6 24233	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT1_7 24234	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT1_8 24235	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT2_1 24236	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT2_2 24237	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT2_3 24238	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT2_4 24239	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76

NARROWS_GT2_5 24240	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT2_6 24241	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT2_7 24242	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NARROWS_GT2_8 24243	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.43 1.81 0.00	26.04 1.59 0.00	24.48 1.52 0.00	23.18 1.44 0.00	22.65 1.34 0.00	24.09 1.43 0.00	26.15 1.50 0.00	28.71 1.32 0.00	31.90 1.49 0.00	34.40 1.71 -0.35	34.12 1.38 0.00	36.92 1.42 -0.83	40.00 1.86 -0.27	42.18 1.89 -0.12	42.81 1.54 -0.84	56.43 1.49 -14.60	61.32 1.58 -17.02	69.97 1.77 -21.69	65.53 1.95 -17.07	43.18 1.54 0.00	39.95 1.61 0.00	35.90 1.48 0.00	32.70 1.70 0.00	29.79 1.55 0.00
NCHELSEA_115KV_TR2 355582	28.75 2.13 0.00	26.36 1.91 0.00	24.73 1.77 0.00	23.42 1.67 0.00	22.93 1.62 0.00	24.28 1.61 0.00	26.37 1.73 0.00	29.40 2.00 0.00	32.63 2.22 0.00	34.86 2.33 -0.20	34.91 2.16 0.00	37.47 2.32 -0.48	40.94 2.92 -0.15	43.30 3.05 -0.06	44.18 3.27 -0.47	55.42 3.55 -11.53	59.98 3.76 -13.49	67.92 4.23 -17.18	60.42 4.00 -9.91	44.27 2.62 0.00	40.76 2.42 0.00	36.69 2.27 0.00	33.16 2.17 0.00	30.36 2.12 0.00
NEG CAPITAL___MECHNVIL 23645	28.51 1.89 0.00	26.16 1.71 0.00	24.57 1.61 0.00	23.23 1.48 0.00	22.78 1.47 0.00	24.25 1.59 0.00	26.34 1.70 0.00	29.34 1.95 0.00	32.57 2.16 0.00	35.09 2.30 -0.46	35.01 2.26 0.00	38.70 2.63 -1.39	40.99 2.76 -0.35	43.23 2.89 -0.15	44.20 2.67 -1.11	59.54 2.66 -16.54	64.91 2.95 -19.24	74.36 3.30 -24.54	80.52 3.72 -30.29	44.51 2.87 0.00	41.14 2.80 0.00	36.93 2.51 0.00	33.13 2.14 0.00	29.99 1.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.32 -0.29 0.00	24.16 -0.29 0.00	22.55 -0.41 0.00	21.36 -0.39 0.00	20.89 -0.43 0.00	22.33 -0.34 0.00	24.42 -0.22 0.00	26.87 -0.52 0.00	30.10 -0.30 0.00	31.91 -0.42 0.00	32.72 -0.03 0.00	34.37 -0.35 -0.04	37.27 -0.61 0.00	39.62 -0.56 0.00	39.70 -0.73 0.00	40.76 -0.72 -1.15	43.31 -0.77 -1.35	48.09 -0.14 -1.72	47.47 -0.09 -1.05	42.02 0.37 0.00	38.57 0.23 0.00	34.35 -0.07 0.00	30.96 -0.03 0.00	28.69 0.45 0.00
NEG CENTRAL___DRP 24199	26.88 0.27 0.00	24.69 0.24 0.00	23.08 0.11 0.00	21.86 0.11 0.00	21.40 0.09 0.00	22.87 0.20 0.00	24.97 0.32 0.00	27.64 0.25 0.00	30.74 0.33 0.00	32.59 0.26 0.00	33.24 0.49 0.00	35.10 0.38 -0.05	38.25 0.38 0.00	40.66 0.48 0.00	40.67 0.24 0.00	41.84 0.24 -1.26	44.38 0.17 -1.49	49.10 0.70 -1.89	48.70 1.02 -1.17	42.68 1.04 0.00	39.22 0.88 0.00	35.07 0.65 0.00	31.58 0.59 0.00	28.75 0.51 0.00
NEG CENTRAL___INDECK 23768	27.68 1.07 0.00	25.38 0.93 0.00	23.65 0.69 0.00	22.38 0.63 0.00	21.89 0.58 0.00	23.44 0.77 0.00	25.68 1.03 0.00	28.05 0.66 0.00	31.17 0.76 0.00	32.82 0.49 0.00	33.57 0.82 0.00	34.04 -0.69 -0.06	36.70 -1.17 0.00	38.93 -1.25 0.00	39.34 -1.09 0.00	41.01 -0.97 -1.64	43.85 -0.81 -1.94	49.07 0.09 -2.46	48.83 0.70 -1.62	43.22 1.58 0.00	39.80 1.46 0.00	35.45 1.03 0.00	32.76 1.77 0.00	30.53 2.29 0.00
NEG CENTRAL___SENECA 23627	27.02 0.40 0.00	24.82 0.37 0.00	23.15 0.18 0.00	21.90 0.15 0.00	21.46 0.15 0.00	22.96 0.29 0.00	25.11 0.47 0.00	27.72 0.33 0.00	30.86 0.46 0.00	32.66 0.32 0.00	33.34 0.59 0.00	35.21 0.49 -0.05	38.33 0.45 0.00	40.74 0.56 0.00	40.71 0.28 0.00	42.01 0.28 -1.39	44.58 0.21 -1.64	49.48 0.88 -2.08	49.04 1.21 -1.32	42.89 1.25 0.00	39.38 1.04 0.00	35.25 0.83 0.00	31.77 0.77 0.00	28.92 0.68 0.00
NEG CENTRAL___STATE_STREET 24147	27.15 0.53 0.00	24.96 0.51 0.00	23.35 0.39 0.00	22.10 0.35 0.00	21.65 0.34 0.00	23.12 0.45 0.00	25.19 0.54 0.00	27.92 0.52 0.00	31.08 0.67 0.00	33.01 0.68 0.00	33.60 0.85 0.00	35.31 0.59 -0.05	38.48 0.61 0.00	40.90 0.72 0.00	41.24 0.81 0.00	42.34 0.77 -1.23	44.99 0.81 -1.45	49.61 1.26 -1.85	49.24 1.58 -1.15	43.10 1.46 0.00	39.68 1.34 0.00	35.42 1.00 0.00	31.83 0.84 0.00	29.00 0.76 0.00
NEG MILLWOOD___DRP 24198	28.83 2.21 0.00	26.53 2.08 0.00	24.91 1.95 0.00	23.55 1.81 0.00	23.06 1.75 0.00	24.43 1.77 0.00	26.57 1.92 0.00	29.83 2.44 0.00	33.02 2.61 0.00	35.96 2.88 -0.75	35.50 2.75 0.00	38.34 2.95 -0.72	42.12 3.67 -0.57	44.28 3.86 -0.25	46.67 4.45 -1.80	60.38 4.76 -15.29	65.22 4.91 -17.58	74.60 5.58 -22.51	61.39 4.88 -10.00	44.93 3.29 0.00	41.30 2.95 0.00	37.11 2.68 0.00	33.35 2.36 0.00	30.61 2.37 0.00
NEG NORTH_FLCN_SEA 23793	26.80 0.19 0.00	24.74 0.29 0.00	23.21 0.25 0.00	21.94 0.20 0.00	21.52 0.21 0.00	22.98 0.32 0.00	25.11 0.47 0.00	27.89 0.49 0.00	31.01 0.61 0.00	33.04 0.71 0.00	33.50 0.75 0.00	35.37 0.69 0.00	38.59 0.72 0.00	40.90 0.72 0.00	41.12 0.69 0.00	40.50 0.16 0.00	43.07 0.34 0.00	46.51 0.00 0.00	46.60 0.09 0.00	42.93 1.29 0.00	39.42 1.07 0.00	35.35 0.93 0.00	31.46 0.46 0.00	28.41 0.17 0.00
NEG NORTH_KES_CHATEGAY 23792	26.19 -0.43 0.00	24.16 -0.29 0.00	22.69 -0.28 0.00	21.49 -0.26 0.00	21.06 -0.26 0.00	22.49 -0.18 0.00	24.52 -0.12 0.00	27.23 -0.16 0.00	30.28 -0.12 0.00	32.24 -0.10 0.00	32.68 -0.07 0.00	34.53 -0.14 0.00	37.68 -0.19 0.00	39.98 -0.20 0.00	40.11 -0.32 0.00	39.61 -0.73 0.00	42.13 -0.60 0.00	45.49 -1.02 0.00	45.53 -0.98 0.00	41.81 0.17 0.00	38.42 0.08 0.00	34.42 0.00 0.00	30.68 -0.31 0.00	27.76 -0.48 0.00

NEG NORTH___ALICE_FALLS 23915	26.67 0.05 0.00	24.62 0.17 0.00	23.10 0.14 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.87 0.20 0.00	24.99 0.35 0.00	27.72 0.33 0.00	30.83 0.43 0.00	32.85 0.52 0.00	33.34 0.59 0.00	35.19 0.52 0.00	38.40 0.53 0.00	40.74 0.56 0.00	40.92 0.49 0.00	40.26 -0.08 0.00	42.85 0.13 0.00	46.23 -0.28 0.00	46.37 -0.14 0.00	42.77 1.12 0.00	39.26 0.92 0.00	35.21 0.79 0.00	31.30 0.31 0.00	28.27 0.03 0.00
NEG NORTH___LWR_SARANAC 23913	26.67 0.05 0.00	24.62 0.17 0.00	23.10 0.14 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.87 0.20 0.00	24.99 0.35 0.00	27.72 0.33 0.00	30.83 0.43 0.00	32.85 0.52 0.00	33.34 0.59 0.00	35.19 0.52 0.00	38.40 0.53 0.00	40.74 0.56 0.00	40.92 0.49 0.00	40.26 -0.08 0.00	42.85 0.13 0.00	46.23 -0.28 0.00	46.37 -0.14 0.00	42.77 1.12 0.00	39.26 0.92 0.00	35.21 0.79 0.00	31.30 0.31 0.00	28.27 0.03 0.00
NEG NORTH___PLATTSBURG 23628	26.67 0.05 0.00	24.62 0.17 0.00	23.10 0.14 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.87 0.20 0.00	24.99 0.34 0.00	27.75 0.36 0.00	30.83 0.43 0.00	32.85 0.52 0.00	33.34 0.59 0.00	35.16 0.49 0.00	38.40 0.53 0.00	40.74 0.56 0.00	40.92 0.49 0.00	40.26 -0.08 0.00	42.85 0.13 0.00	46.23 -0.28 0.00	46.37 -0.14 0.00	42.77 1.12 0.00	39.26 0.92 0.00	35.21 0.79 0.00	31.30 0.31 0.00	28.27 0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	26.46 -0.16 0.00	24.25 -0.20 0.00	22.57 -0.39 0.00	21.34 -0.41 0.00	20.88 -0.43 0.00	22.33 -0.34 0.00	24.45 -0.20 0.00	26.60 -0.79 0.00	29.49 -0.91 0.00	31.10 -1.23 0.00	31.93 -0.82 0.00	33.31 -1.42 -0.05	36.09 -1.78 0.00	38.37 -1.81 0.00	38.77 -1.66 0.00	40.01 -1.77 -1.45	42.73 -1.71 -1.71	48.03 -0.65 -2.17	47.10 -0.79 -1.38	41.52 -0.12 0.00	38.07 -0.27 0.00	34.11 -0.31 0.00	30.81 -0.19 0.00	28.07 -0.17 0.00
NEG WEST___LANCASTR 23811	26.51 -0.11 0.00	24.33 -0.12 0.00	22.60 -0.37 0.00	21.38 -0.37 0.00	20.93 -0.38 0.00	22.39 -0.27 0.00	24.57 -0.07 0.00	26.74 -0.66 0.00	29.74 -0.67 0.00	31.43 -0.91 0.00	32.26 -0.49 0.00	33.73 -1.01 -0.07	36.55 -1.33 0.00	38.89 -1.29 0.00	39.42 -1.01 0.00	40.17 -1.86 -1.69	42.93 -1.79 -2.00	48.07 -0.98 -2.53	48.02 -0.14 -1.65	41.81 0.17 0.00	38.23 -0.12 0.00	34.39 -0.03 0.00	31.02 0.03 0.00	28.32 0.08 0.00
NEG_PENN_ALLEGHNY 23528	27.15 0.53 0.00	24.94 0.49 0.00	23.35 0.39 0.00	22.10 0.35 0.00	21.63 0.32 0.00	23.08 0.41 0.00	25.16 0.52 0.00	27.86 0.47 0.00	31.01 0.61 0.00	32.92 0.58 0.00	33.53 0.78 0.00	35.46 0.66 -0.13	38.56 0.68 0.00	40.94 0.76 0.00	41.12 0.69 0.00	44.07 0.73 -3.01	47.04 0.77 -3.55	52.22 1.21 -4.50	51.22 1.44 -3.27	42.89 1.25 0.00	39.41 1.07 0.00	35.28 0.86 0.00	31.77 0.78 0.00	29.17 0.93 0.00
NEG___GEN_MONROE 24207	26.75 0.13 0.00	24.55 0.10 0.00	22.89 -0.07 0.00	21.66 -0.09 0.00	21.20 -0.11 0.00	22.67 0.00 0.00	24.84 0.20 0.00	27.29 -0.11 0.00	30.32 -0.09 0.00	32.01 -0.32 0.00	32.75 0.00 0.00	34.47 -0.24 -0.04	37.38 -0.49 0.00	39.78 -0.40 0.00	39.99 -0.44 0.00	41.01 -0.52 -1.20	43.58 -0.56 -1.41	48.59 0.28 -1.80	47.79 0.19 -1.09	42.35 0.71 0.00	38.88 0.54 0.00	34.73 0.31 0.00	31.33 0.34 0.00	28.64 0.40 0.00
NEPA___ENERGY 23901	26.88 0.27 0.00	24.69 0.24 0.00	22.94 -0.02 0.00	21.68 -0.07 0.00	21.23 -0.09 0.00	22.71 0.05 0.00	24.92 0.27 0.00	27.29 -0.11 0.00	30.35 -0.06 0.00	32.07 -0.26 0.00	32.91 0.16 0.00	34.39 -0.35 -0.07	37.34 -0.53 0.00	39.70 -0.48 0.00	40.23 -0.20 0.00	41.64 -0.40 -1.70	44.44 -0.30 -2.01	49.76 0.70 -2.55	49.01 0.84 -1.67	42.68 1.04 0.00	38.99 0.65 0.00	35.04 0.62 0.00	31.61 0.62 0.00	28.75 0.51 0.00
NEVERSINK___HYD 23608	28.43 1.81 0.00	26.02 1.57 0.00	24.41 1.45 0.00	23.12 1.37 0.00	22.63 1.32 0.00	23.96 1.29 0.00	26.05 1.40 0.00	28.98 1.59 0.00	32.14 1.73 0.00	33.80 1.78 0.31	34.39 1.64 0.00	36.77 1.87 -0.22	39.99 2.35 0.23	42.49 2.41 0.10	42.33 2.63 0.73	50.06 2.91 -6.81	54.03 3.08 -8.23	60.41 3.53 -10.37	58.81 3.35 -8.95	43.81 2.16 0.00	40.26 1.92 0.00	36.18 1.75 0.00	32.76 1.77 0.00	29.76 1.52 0.00
NEWKRMKL_115KV_TB1 55635	27.68 1.06 0.00	25.40 0.95 0.00	23.88 0.92 0.00	22.60 0.85 0.00	22.16 0.85 0.00	23.55 0.88 0.00	25.56 0.91 0.00	28.44 1.04 0.00	31.59 1.19 0.00	34.10 1.29 -0.47	33.96 1.21 0.00	37.20 1.42 -1.11	39.71 1.48 -0.36	41.86 1.53 -0.15	42.96 1.42 -1.12	58.06 1.45 -16.27	63.23 1.58 -18.92	72.42 1.77 -24.14	71.48 1.91 -23.06	42.85 1.21 0.00	39.57 1.23 0.00	35.56 1.14 0.00	32.08 1.08 0.00	29.23 0.99 0.00
NEWTON___FALLS_HYD 23847	25.82 -0.80 0.00	23.76 -0.68 0.00	22.32 -0.64 0.00	21.12 -0.63 0.00	20.65 -0.66 0.00	22.01 -0.66 0.00	24.03 -0.62 0.00	26.60 -0.79 0.00	29.49 -0.91 0.00	31.36 -0.97 0.00	31.80 -0.95 0.00	33.81 -0.87 0.00	36.85 -1.02 0.00	39.13 -1.04 0.00	39.14 -1.29 0.00	39.07 -1.53 -0.27	41.37 -1.67 -0.31	44.91 -2.00 -0.40	44.74 -1.77 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.59 -0.83 0.00	30.12 -0.87 0.00	27.34 -0.90 0.00
NGRID_A1_DSASP 323792	25.84 -0.77 0.00	23.72 -0.73 0.00	22.07 -0.90 0.00	20.90 -0.85 0.00	20.44 -0.87 0.00	21.83 -0.84 0.00	23.91 -0.74 0.00	25.81 -1.59 0.00	28.82 -1.58 0.00	30.46 -1.88 0.00	31.40 -1.34 0.00	32.58 -2.15 -0.06	35.18 -2.69 0.00	37.41 -2.77 0.00	37.80 -2.63 0.00	39.26 -2.54 -1.47	41.81 -2.65 -1.73	47.04 -1.67 -2.20	46.06 -1.86 -1.41	40.64 -1.00 0.00	37.27 -1.07 0.00	33.32 -1.10 0.00	30.19 -0.81 0.00	28.64 0.40 0.00
NGRID_A2_DSASP 323793	25.84 -0.77 0.00	23.72 -0.73 0.00	22.07 -0.90 0.00	20.90 -0.85 0.00	20.44 -0.87 0.00	21.83 -0.84 0.00	23.91 -0.74 0.00	25.81 -1.59 0.00	28.82 -1.58 0.00	30.46 -1.88 0.00	31.40 -1.34 0.00	32.58 -2.15 -0.06	35.18 -2.69 0.00	37.41 -2.77 0.00	37.80 -2.63 0.00	39.26 -2.54 -1.47	41.81 -2.65 -1.73	47.04 -1.67 -2.20	46.06 -1.86 -1.41	40.64 -1.00 0.00	37.27 -1.07 0.00	33.32 -1.10 0.00	30.19 -0.81 0.00	28.64 0.40 0.00
NGRID_A4_DSASP 323807	25.85 -0.77 0.00	23.72 -0.73 0.00	22.07 -0.90 0.00	20.88 -0.87 0.00	20.44 -0.87 0.00	21.83 -0.84 0.00	23.91 -0.74 0.00	26.03 -1.37 0.00	28.83 -1.58 0.00	30.39 -1.94 0.00	31.21 -1.54 0.00	32.47 -2.25 -0.06	35.22 -2.65 0.00	37.41 -2.77 0.00	37.84 -2.59 0.00	39.27 -2.54 -1.47	41.82 -2.65 -1.74	47.05 -1.67 -2.21	46.05 -1.86 -1.40	40.52 -1.12 0.00	37.19 -1.15 0.00	33.32 -1.10 0.00	30.12 -0.87 0.00	27.45 -0.79 0.00
NIAGARA_115E_LBMP 323715	26.06 -0.56 0.00	23.91 -0.54 0.00	22.23 -0.74 0.00	21.07 -0.67 0.00	20.59 -0.72 0.00	22.01 -0.66 0.00	24.03 -0.62 0.00	25.86 -1.53 0.00	28.92 -1.49 0.00	30.55 -1.78 0.00	31.50 -1.24 0.00	32.68 -2.05 -0.06	35.34 -2.54 0.00	37.57 -2.61 0.00	37.92 -2.51 0.00	39.27 -2.54 -1.47	41.94 -2.52 -1.74	47.13 -1.58 -2.21	46.25 -1.67 -1.42	40.81 -0.83 0.00	37.42 -0.92 0.00	33.42 -1.00 0.00	30.28 -0.71 0.00	28.72 0.48 0.00

NIAGARA_115W_LBMP 323714	25.76 -0.85 0.00	23.64 -0.81 0.00	22.00 -0.96 0.00	20.86 -0.89 0.00	20.37 -0.94 0.00	21.76 -0.91 0.00	23.83 -0.81 0.00	25.72 -1.67 0.00	28.73 -1.67 0.00	30.39 -1.94 0.00	31.34 -1.41 0.00	32.47 -2.25 -0.06	35.11 -2.76 0.00	37.29 -2.89 0.00	37.68 -2.75 0.00	39.14 -2.66 -1.47	41.68 -2.78 -1.73	46.89 -1.81 -2.20	45.92 -2.00 -1.41	40.52 -1.12 0.00	37.15 -1.19 0.00	33.22 -1.21 0.00	30.09 -0.90 0.00	28.55 0.31 0.00
NIAGARA_230_LBMP 323716	26.14 -0.48 0.00	23.96 -0.49 0.00	22.30 -0.67 0.00	21.14 -0.61 0.00	20.67 -0.64 0.00	22.08 -0.59 0.00	24.15 -0.49 0.00	26.11 -1.29 0.00	29.16 -1.25 0.00	30.85 -1.49 0.00	31.77 -0.98 0.00	32.96 -1.77 -0.05	35.64 -2.23 0.00	37.89 -2.29 0.00	38.29 -2.14 0.00	39.68 -2.10 -1.45	42.34 -2.09 -1.71	47.61 -1.07 -2.17	46.69 -1.21 -1.39	41.10 -0.54 0.00	37.73 -0.61 0.00	33.70 -0.72 0.00	30.53 -0.46 0.00	28.89 0.65 0.00
NIAGARA__115KV_198_GIBSON 55903	25.77 -0.85 0.00	23.64 -0.81 0.00	22.00 -0.96 0.00	20.81 -0.94 0.00	20.37 -0.94 0.00	21.76 -0.91 0.00	23.83 -0.81 0.00	25.94 -1.45 0.00	28.73 -1.67 0.00	30.33 -2.00 0.00	31.11 -1.64 0.00	32.37 -2.36 -0.06	35.11 -2.76 0.00	37.29 -2.89 0.00	37.76 -2.67 0.00	39.15 -2.66 -1.47	41.69 -2.78 -1.74	46.90 -1.81 -2.21	45.91 -2.00 -1.40	40.43 -1.21 0.00	37.08 -1.27 0.00	33.25 -1.17 0.00	30.03 -0.96 0.00	27.39 -0.85 0.00
NIAGARA____ 23760	25.90 -0.72 0.00	23.74 -0.71 0.00	22.09 -0.87 0.00	20.94 -0.80 0.00	20.46 -0.85 0.00	21.87 -0.79 0.00	23.93 -0.72 0.00	25.89 -1.51 0.00	28.95 -1.46 0.00	30.62 -1.71 0.00	31.54 -1.21 0.00	32.72 -2.01 -0.06	35.37 -2.50 0.00	37.65 -2.53 0.00	38.01 -2.42 0.00	39.42 -2.38 -1.46	42.02 -2.43 -1.72	47.26 -1.44 -2.19	46.33 -1.58 -1.40	40.85 -0.79 0.00	37.46 -0.88 0.00	33.49 -0.93 0.00	30.28 -0.71 0.00	28.64 0.40 0.00
NINE_MILE_1 23575	25.90 -0.72 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.74 -0.57 0.00	22.06 -0.61 0.00	24.00 -0.64 0.00	26.63 -0.77 0.00	29.56 -0.85 0.00	31.43 -0.91 0.00	31.90 -0.85 0.00	33.74 -0.93 0.00	36.81 -1.06 0.00	39.05 -1.12 0.00	39.26 -1.17 0.00	39.77 -1.17 -0.61	42.16 -1.28 -0.72	46.21 -1.21 -0.91	45.39 -1.12 0.00	40.69 -0.96 0.00	37.46 -0.88 0.00	33.56 -0.86 0.00	30.22 -0.77 0.00	27.65 -0.59 0.00
NINE_MILE_2 23744	25.90 -0.72 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.74 -0.57 0.00	22.08 -0.59 0.00	24.00 -0.64 0.00	26.63 -0.77 0.00	29.56 -0.85 0.00	31.43 -0.91 0.00	31.90 -0.85 0.00	33.74 -0.93 0.00	36.81 -1.06 0.00	39.05 -1.12 0.00	39.26 -1.17 0.00	39.77 -1.17 -0.61	42.16 -1.28 -0.72	46.21 -1.21 -0.91	45.39 -1.12 0.00	40.69 -0.96 0.00	37.46 -0.88 0.00	33.56 -0.86 0.00	30.22 -0.77 0.00	27.65 -0.59 0.00
NM_CAPITAL____DRP 24208	27.76 1.14 0.00	25.48 1.03 0.00	23.95 0.99 0.00	22.68 0.94 0.00	22.23 0.92 0.00	23.62 0.95 0.00	25.63 0.99 0.00	28.52 1.12 0.00	31.68 1.28 0.00	34.17 1.36 -0.48	34.03 1.28 0.00	37.27 1.49 -1.10	39.83 1.59 -0.36	41.98 1.65 -0.16	43.14 1.58 -1.14	58.23 1.61 -16.28	63.40 1.75 -18.92	72.61 1.95 -24.15	71.37 2.05 -22.81	42.97 1.33 0.00	39.68 1.34 0.00	35.63 1.20 0.00	32.17 1.18 0.00	29.31 1.07 0.00
NM_CENTRAL____DRP 24181	26.48 -0.13 0.00	24.33 -0.12 0.00	22.82 -0.14 0.00	21.62 -0.13 0.00	21.16 -0.15 0.00	22.55 -0.11 0.00	24.55 -0.10 0.00	27.26 -0.14 0.00	30.38 -0.03 0.00	32.20 -0.13 0.00	32.72 -0.03 0.00	34.64 -0.03 0.00	37.80 -0.08 0.00	40.14 -0.04 0.00	40.23 -0.20 0.00	41.04 -0.16 -0.87	43.54 -0.21 -1.03	47.86 0.05 -1.30	46.70 0.19 0.00	41.81 0.17 0.00	38.46 0.12 0.00	34.46 0.03 0.00	30.96 -0.03 0.00	28.21 -0.03 0.00
NM_FRONTIER____DRP 24179	25.77 -0.85 0.00	23.64 -0.81 0.00	22.00 -0.96 0.00	20.81 -0.94 0.00	20.37 -0.94 0.00	21.76 -0.91 0.00	23.83 -0.81 0.00	25.94 -1.45 0.00	28.73 -1.67 0.00	30.33 -2.00 0.00	31.11 -1.64 0.00	32.37 -2.36 -0.06	35.11 -2.76 0.00	37.29 -2.89 0.00	37.76 -2.67 0.00	39.15 -2.66 -1.47	41.69 -2.78 -1.74	46.90 -1.81 -2.21	45.91 -2.00 -1.40	40.43 -1.21 0.00	37.08 -1.27 0.00	33.25 -1.17 0.00	30.03 -0.96 0.00	27.39 -0.85 0.00
NM_ST_REGIS____HYD 24053	25.45 -1.17 0.00	23.45 -1.00 0.00	22.02 -0.94 0.00	20.84 -0.91 0.00	20.39 -0.92 0.00	21.76 -0.91 0.00	23.73 -0.91 0.00	26.30 -1.10 0.00	29.16 -1.25 0.00	31.07 -1.26 0.00	31.50 -1.24 0.00	33.49 -1.18 0.00	36.51 -1.36 0.00	38.77 -1.41 0.00	38.81 -1.62 0.00	38.32 -2.02 0.00	40.72 -2.01 0.00	43.86 -2.65 0.00	43.95 -2.56 0.00	40.23 -1.42 0.00	37.04 -1.30 0.00	33.25 -1.17 0.00	29.69 -1.30 0.00	26.97 -1.27 0.00
NORTHPORT____1 23551	37.46 2.61 -8.23	33.77 2.42 -6.90	27.77 2.25 -2.55	23.86 2.11 0.00	23.44 2.11 -0.02	24.71 2.04 0.00	26.98 2.32 -0.02	35.82 3.04 -5.39	35.61 3.04 -2.17	37.47 3.33 -1.81	32.51 2.59 2.82	36.05 2.91 1.53	42.16 3.33 -0.95	46.75 3.49 -3.08	51.13 3.76 -6.94	55.00 3.51 -11.16	56.89 3.72 -10.44	75.00 4.65 -23.84	66.72 4.47 -15.74	48.72 2.96 -4.12	44.19 2.68 -3.17	34.79 2.37 2.01	33.79 2.54 -0.26	33.25 2.34 -2.67
NORTHPORT____2 23552	37.46 2.61 -8.23	33.77 2.42 -6.90	27.77 2.25 -2.55	23.86 2.11 0.00	23.44 2.11 -0.02	24.71 2.04 0.00	26.98 2.32 -0.02	35.82 3.04 -5.39	35.61 3.04 -2.17	37.47 3.33 -1.81	32.51 2.59 2.82	32.60 2.91 4.99	32.50 3.33 8.71	32.90 3.49 10.77	33.25 3.76 10.95	34.24 3.51 9.61	55.30 3.72 -8.86	72.49 4.65 -21.33	44.44 4.47 6.54	33.79 2.96 10.81	42.50 2.68 -1.48	34.79 2.37 2.01	33.79 2.54 -0.26	33.25 2.34 -2.67
NORTHPORT____3 23553	37.49 2.64 -8.23	33.72 2.37 -6.90	27.67 2.16 -2.55	23.77 2.02 0.00	23.35 2.03 -0.02	24.64 1.97 0.00	26.90 2.24 -0.02	35.71 2.93 -5.38	36.15 3.40 -2.34	37.71 3.36 -2.02	32.67 2.75 2.83	32.83 3.15 5.00	32.83 3.67 8.72	33.17 3.78 10.78	33.32 3.84 10.95	34.19 3.47 9.62	55.26 3.67 -8.86	72.48 4.65 -21.32	44.34 4.37 6.54	33.74 2.91 10.82	42.42 2.61 -1.47	34.71 2.31 2.01	33.90 2.48 -0.43	33.33 2.03 -3.05
NORTHPORT____4 23650	37.49 2.64 -8.23	33.72 2.37 -6.90	27.67 2.16 -2.55	23.77 2.02 0.00	23.35 2.03 -0.02	24.64 1.97 0.00	26.90 2.24 -0.02	35.71 2.93 -5.38	36.15 3.40 -2.34	37.71 3.36 -2.02	32.67 2.75 2.83	32.83 3.15 5.00	32.83 3.67 8.72	33.17 3.78 10.78	33.32 3.84 10.95	34.19 3.47 9.62	55.26 3.67 -8.86	72.48 4.65 -21.32	44.34 4.37 6.54	33.74 2.91 10.82	42.42 2.61 -1.47	34.71 2.31 2.01	33.90 2.48 -0.43	33.33 2.03 -3.05
NORTHPORT____IC 23718	37.46 2.61 -8.23	33.77 2.42 -6.90	27.77 2.25 -2.55	23.86 2.11 0.00	23.44 2.11 -0.02	24.71 2.04 0.00	26.98 2.32 -0.02	35.82 3.04 -5.39	35.61 3.04 -2.17	37.47 3.33 -1.81	32.51 2.59 2.82	32.60 2.91 4.99	32.50 3.33 8.71	32.90 3.49 10.77	33.25 3.76 10.95	34.24 3.51 9.61	55.30 3.72 -8.86	72.49 4.65 -21.33	44.44 4.47 6.54	33.79 2.96 10.81	42.50 2.68 -1.48	34.79 2.37 2.01	33.79 2.54 -0.26	33.25 2.34 -2.67

NORTH__COUNTRY_ESR 323785	26.14 -0.48 0.00	24.11 -0.34 0.00	22.64 -0.32 0.00	21.44 -0.30 0.00	21.01 -0.30 0.00	22.42 -0.25 0.00	24.47 -0.17 0.00	27.18 -0.22 0.00	30.23 -0.18 0.00	32.17 -0.16 0.00	32.62 -0.13 0.00	34.47 -0.21 0.00	37.61 -0.26 0.00	39.90 -0.28 0.00	40.07 -0.36 0.00	39.57 -0.77 0.00	42.09 -0.64 0.00	45.44 -1.07 0.00	45.49 -1.02 0.00	41.68 0.04 0.00	38.27 -0.08 0.00	34.32 -0.10 0.00	30.59 -0.40 0.00	27.65 -0.59 0.00
NPX_GEN_1385_PROXY 323591	36.77 1.92 -8.23	33.33 1.98 -6.90	27.45 1.93 -2.55	23.55 1.80 0.00	23.14 1.81 -0.02	24.46 1.79 0.00	26.66 2.00 -0.02	35.11 2.33 -5.39	35.19 2.62 -2.17	36.99 2.85 -1.81	32.51 2.59 2.82	36.01 3.50 2.16	41.04 3.98 0.81	44.91 4.18 -0.55	48.35 4.24 -3.68	51.94 4.23 -7.37	57.54 4.66 -10.16	75.38 5.49 -23.38	68.00 5.63 -15.86	47.00 3.96 -1.40	44.69 3.49 -2.86	36.59 3.13 0.96	32.41 2.20 0.78	32.85 1.95 -2.67
NPX_GEN_CSC 323557	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.14 2.39 0.00	23.76 2.43 -0.02	24.98 2.31 0.00	27.32 2.66 -0.02	36.74 3.95 -5.40	43.62 4.26 -8.95	46.75 4.53 -9.89	100.83 3.96 -64.12	118.03 4.44 -78.92	202.89 5.08 -159.94	264.34 5.22 -218.94	233.17 5.25 -187.49	233.90 4.96 -188.60	259.32 5.25 -211.34	125.77 5.81 -73.44	97.48 5.58 -45.39	95.83 3.91 -50.28	59.94 3.60 -18.00	45.12 3.13 -7.56	37.95 3.19 -3.77	39.10 2.77 -8.09
NSINS_S_GLNS_FALLS 23858	28.51 1.89 0.00	26.14 1.69 0.00	24.57 1.61 0.00	23.21 1.46 0.00	22.74 1.43 0.00	24.25 1.59 0.00	26.35 1.70 0.00	29.34 1.95 0.00	32.63 2.22 0.00	35.11 2.33 -0.45	35.11 2.36 0.00	38.78 2.67 -1.43	40.98 2.76 -0.35	43.18 2.85 -0.15	43.82 2.30 -1.08	59.19 2.26 -16.59	64.55 2.52 -19.31	74.02 2.88 -24.63	81.52 3.58 -31.42	44.47 2.83 0.00	41.30 2.95 0.00	36.97 2.55 0.00	33.07 2.08 0.00	29.99 1.75 0.00
NUCOR_STEEL__DRP 24197	27.02 0.40 0.00	24.84 0.39 0.00	23.24 0.28 0.00	22.01 0.26 0.00	21.55 0.23 0.00	22.98 0.32 0.00	25.06 0.42 0.00	27.75 0.36 0.00	30.89 0.49 0.00	32.79 0.45 0.00	33.34 0.59 0.00	35.27 0.55 -0.04	38.44 0.57 0.00	40.86 0.68 0.00	40.96 0.53 0.00	42.05 0.52 -1.18	44.64 0.51 -1.40	49.22 0.93 -1.78	48.82 1.21 -1.10	42.77 1.12 0.00	39.38 1.04 0.00	35.18 0.76 0.00	31.64 0.65 0.00	28.80 0.56 0.00
NUMBER_THREE_WT_PWR 323818	26.72 0.11 0.00	24.55 0.10 0.00	23.05 0.09 0.00	21.81 0.07 0.00	21.33 0.02 0.00	22.74 0.07 0.00	24.82 0.17 0.00	27.51 0.11 0.00	30.47 0.06 0.00	32.37 0.03 0.00	32.78 0.03 0.00	34.95 0.28 0.00	38.02 0.15 0.00	40.42 0.24 0.00	40.31 -0.12 0.00	40.49 -0.20 -0.36	42.80 -0.34 -0.42	46.77 -0.28 -0.53	46.56 0.05 0.00	41.97 0.33 0.00	38.69 0.34 0.00	34.69 0.27 0.00	31.15 0.16 0.00	28.32 0.08 0.00
NYISO_LBMP_REFERENCE 24008	26.62 0.00 0.00	24.45 0.00 0.00	22.96 0.00 0.00	21.75 0.00 0.00	21.31 0.00 0.00	22.67 0.00 0.00	24.65 0.00 0.00	27.40 0.00 0.00	30.41 0.00 0.00	32.33 0.00 0.00	32.75 0.00 0.00	34.67 0.00 0.00	37.87 0.00 0.00	40.18 0.00 0.00	40.43 0.00 0.00	40.34 0.00 0.00	42.73 0.00 0.00	46.51 0.00 0.00	46.51 0.00 0.00	41.64 0.00 0.00	38.34 0.00 0.00	34.42 0.00 0.00	30.99 0.00 0.00	28.24 0.00 0.00
NYPA_BRENTWD__GT 24164	37.99 3.14 -8.23	34.21 2.86 -6.90	28.16 2.64 -2.55	24.23 2.48 0.00	23.80 2.47 -0.02	25.09 2.43 0.00	27.42 2.76 -0.02	36.37 3.59 -5.39	44.63 3.77 -10.45	48.11 4.07 -11.71	42.66 3.24 -6.66	56.15 3.57 -17.90	79.27 4.09 -37.31	96.39 4.30 -51.91	88.16 4.53 -43.20	101.61 4.19 -57.07	111.28 4.44 -64.11	88.28 5.58 -36.19	66.91 5.35 -15.05	55.70 3.75 -10.30	47.89 3.57 -5.98	38.91 3.13 -1.36	42.83 3.28 -8.55	49.45 3.02 -18.19
NYPA_GOWANUS__GT5 24156	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NYPA_GOWANUS__GT6 24157	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.25 2.85 -0.01	33.61 3.19 -0.01	37.62 3.39 -1.90	35.79 3.05 0.00	39.23 3.36 -1.19	43.13 3.82 -1.43	44.74 3.94 -0.62	48.93 4.00 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.81 5.49 -32.82	74.86 4.84 -23.51	44.72 3.08 0.00	41.54 3.14 -0.06	37.37 2.89 -0.06	37.92 2.85 -4.08	34.45 2.46 -3.76
NYPA_HARLEM_RVR_GT1 24160	29.18 2.56 -0.01	26.70 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.14 2.74 -0.01	33.36 2.95 -0.01	37.43 3.20 -1.90	35.49 2.75 0.01	38.92 3.05 -1.19	42.91 3.60 -1.43	44.57 3.78 -0.62	48.49 3.56 -4.50	67.21 4.36 -22.52	72.86 4.70 -25.43	84.53 5.25 -32.76	60.87 4.56 -9.80	44.43 2.79 0.00	41.22 2.88 0.00	37.04 2.61 0.00	33.66 2.67 -0.01	30.76 2.51 -0.01
NYPA_HARLEM_RVR_GT2 24161	29.18 2.56 -0.01	26.70 2.25 -0.01	25.01 2.04 -0.01	23.62 1.87 0.00	23.19 1.88 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.14 2.74 -0.01	33.36 2.95 -0.01	37.43 3.20 -1.90	35.49 2.75 0.01	38.92 3.05 -1.19	42.91 3.60 -1.43	44.57 3.78 -0.62	48.49 3.56 -4.50	67.21 4.36 -22.52	72.86 4.70 -25.43	84.53 5.25 -32.76	60.87 4.56 -9.80	44.43 2.79 0.00	41.22 2.88 0.00	37.04 2.61 0.00	33.66 2.67 -0.01	30.76 2.51 -0.01
NYPA_KENT__GT 24152	29.18 2.56 0.00	26.70 2.25 0.00	25.01 2.04 0.00	23.60 1.85 0.00	23.19 1.88 0.00	24.46 1.79 0.00	26.59 1.95 0.00	30.23 2.82 -0.01	33.55 3.13 -0.01	37.56 3.33 -1.90	35.70 2.95 0.00	39.12 3.26 -1.19	43.02 3.71 -1.43	44.61 3.82 -0.62	48.81 3.88 -4.50	73.88 4.44 -29.11	72.97 4.78 -25.46	84.65 5.35 -32.79	68.81 4.65 -17.65	44.60 2.96 0.00	41.37 2.99 -0.03	37.24 2.79 -0.03	36.09 2.76 -2.34	32.79 2.40 -2.16
NYPA_POUCH1__GT 24155	29.24 2.61 -0.01	26.75 2.30 -0.01	25.03 2.07 0.00	23.62 1.87 0.00	23.21 1.90 0.00	24.41 1.75 0.00	26.52 1.87 0.00	30.21 2.80 -0.02	33.52 3.10 -0.02	39.03 3.30 -3.40	35.67 2.91 0.00	37.61 3.19 0.25	40.31 3.67 1.24	47.90 3.78 -3.94	53.91 3.88 -9.60	93.13 4.48 -48.32	89.42 4.83 -41.87	96.56 5.39 -44.66	88.79 4.75 -37.53	41.94 2.96 2.66	38.86 3.03 2.51	36.58 2.79 0.63	35.93 2.73 -2.21	36.12 2.40 -5.48
NYPA_VERNON__GT2 24162	29.12 2.50 0.00	26.65 2.20 0.00	24.94 1.98 0.00	23.55 1.80 0.00	23.14 1.83 0.00	24.44 1.77 0.00	26.57 1.92 0.00	30.17 2.77 -0.01	33.46 3.04 -0.01	37.49 3.26 -1.90	35.63 2.88 0.00	39.05 3.19 -1.19	42.94 3.64 -1.43	44.57 3.78 -0.62	48.73 3.80 -4.50	68.88 4.36 -24.19	72.82 4.66 -25.44	84.49 5.21 -32.77	62.86 4.56 -11.79	44.56 2.91 0.00	41.23 2.88 -0.01	37.12 2.69 -0.01	34.26 2.67 -0.60	31.11 2.32 -0.55

NYPA_VERNON____GT3 24163	29.12	26.65	24.94	23.55	23.14	24.44	26.57	30.17	33.46	37.49	35.63	39.05	42.94	44.57	48.73	68.88	72.82	84.49	62.86	44.56	41.23	37.12	34.26	31.11
	2.50	2.20	1.98	1.80	1.83	1.77	1.92	2.77	3.04	3.26	2.88	3.19	3.64	3.78	3.80	4.36	4.66	5.21	4.56	2.91	2.88	2.69	2.67	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-24.19	-25.44	-32.77	-11.79	0.00	-0.01	-0.01	-0.60	-0.55
NYPA____ASTORIA_CC1 323568	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.14	33.43	37.43	35.57	38.99	42.87	44.49	48.61	67.09	72.73	84.39	60.77	44.43	41.18	37.04	33.63	30.53
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.74	3.01	3.20	2.82	3.12	3.56	3.69	3.68	4.23	4.57	5.12	4.47	2.79	2.84	2.61	2.63	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	29.09	26.62	24.91	23.53	23.12	24.39	26.52	30.14	33.43	37.43	35.57	38.99	42.87	44.49	48.61	67.09	72.73	84.39	60.77	44.43	41.18	37.04	33.63	30.53
	2.48	2.18	1.95	1.78	1.81	1.72	1.87	2.74	3.01	3.20	2.82	3.12	3.56	3.69	3.68	4.23	4.57	5.12	4.47	2.79	2.84	2.61	2.63	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.00	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
NYPA____HOLTSVILL 23794	37.80	34.02	27.97	24.08	23.65	24.93	27.25	36.27	42.98	46.02	67.47	115.99	199.49	260.06	229.51	230.50	255.55	122.40	117.21	107.78	59.47	43.83	38.84	39.00
	2.95	2.67	2.46	2.33	2.32	2.27	2.59	3.48	3.71	3.91	3.27	3.64	4.17	4.34	4.53	4.23	4.49	5.44	5.21	3.62	3.37	2.99	3.10	2.71
	-8.23	-6.90	-2.55	0.00	-0.02	0.00	-0.02	-5.40	-8.87	-9.78	-31.45	-77.68	-157.45	-215.54	-184.55	-185.93	-208.34	-70.45	-65.49	-62.51	-17.75	-6.42	-4.75	-8.05
NYPA____HELLGATE_GT1 24158	29.18	26.70	25.01	23.62	23.19	24.39	26.47	30.14	33.36	37.40	35.46	38.92	42.91	44.57	48.49	67.21	72.86	84.53	60.87	44.43	41.22	37.04	33.66	30.76
	2.56	2.25	2.04	1.87	1.88	1.72	1.82	2.74	2.95	3.17	2.72	3.05	3.60	3.78	3.56	4.36	4.70	5.25	4.56	2.79	2.88	2.61	2.67	2.51
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.01	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	29.18	26.70	25.01	23.62	23.19	24.39	26.47	30.14	33.36	37.40	35.46	38.92	42.91	44.57	48.49	67.21	72.86	84.53	60.87	44.43	41.22	37.04	33.66	30.76
	2.56	2.25	2.04	1.87	1.88	1.72	1.82	2.74	2.95	3.17	2.72	3.05	3.60	3.78	3.56	4.36	4.70	5.25	4.56	2.79	2.88	2.61	2.67	2.51
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-1.90	0.01	-1.19	-1.43	-0.62	-4.50	-22.52	-25.43	-32.76	-9.80	0.00	0.00	0.00	-0.01	-0.01
NYS_BARGE____HYD 23848	26.46	24.25	22.57	21.38	20.91	22.35	24.45	26.38	29.50	31.17	32.16	33.41	36.09	38.37	38.73	39.99	42.71	47.96	47.09	41.64	38.19	34.11	30.90	29.26
	-0.16	-0.20	-0.39	-0.37	-0.41	-0.32	-0.20	-1.01	-0.91	-1.16	-0.59	-1.32	-1.78	-1.81	-1.70	-1.77	-1.71	-0.70	-0.79	0.00	-0.15	-0.31	-0.09	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	-1.43	-1.69	-2.14	-1.37	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	26.75	24.52	22.89	21.68	21.21	22.64	24.79	27.18	30.35	32.17	33.01	34.54	37.46	39.82	40.11	41.15	43.82	48.79	47.97	42.56	39.03	34.80	31.42	29.29
	0.13	0.07	-0.07	-0.07	-0.11	-0.02	0.15	-0.22	-0.06	-0.16	0.26	-0.17	-0.42	-0.36	-0.32	-0.36	-0.30	0.51	0.37	0.91	0.69	0.38	0.43	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	-1.18	-1.39	-1.77	-1.09	0.00	0.00	0.00	0.00	0.00
OAKDALE__35_KV_LOAD 356122	27.02	24.82	23.24	21.99	21.55	22.96	25.04	27.72	30.83	32.69	33.24	35.18	38.29	40.66	40.96	43.85	46.81	51.96	50.97	42.60	39.15	35.11	31.61	28.80
	0.40	0.37	0.28	0.24	0.23	0.29	0.39	0.33	0.43	0.36	0.49	0.38	0.42	0.48	0.53	0.52	0.56	0.98	1.16	0.96	0.81	0.69	0.62	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	-2.99	-3.52	-4.47	-3.30	0.00	0.00	0.00	0.00	0.00
OCC_CHEM____DRP 24175	25.85	23.72	22.07	20.88	20.44	21.83	23.91	26.03	28.83	30.39	31.21	32.47	35.22	37.41	37.84	39.27	41.82	47.05	46.05	40.52	37.19	33.32	30.12	27.45
	-0.77	-0.73	-0.90	-0.87	-0.87	-0.84	-0.74	-1.37	-1.58	-1.94	-1.54	-2.25	-2.65	-2.77	-2.59	-2.54	-2.65	-1.67	-1.86	-1.12	-1.15	-1.10	-0.87	-0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	-1.47	-1.74	-2.21	-1.40	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	26.14	23.98	22.32	21.14	20.67	22.08	24.18	26.16	29.22	30.91	31.83	33.03	35.75	38.01	38.37	39.81	42.48	47.76	46.84	41.23	37.81	34.81	29.51	28.89
	-0.48	-0.47	-0.64	-0.61	-0.64	-0.59	-0.47	-1.23	-1.19	-1.42	-0.92	-1.70	-2.12	-2.17	-2.06	-1.98	-1.96	-0.93	-1.07	-0.42	-0.54	-0.66	-0.43	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	-1.45	-1.71	-2.18	-1.39	0.00	0.00	-1.04	1.04	0.00
OLIN_CORP_DRP 24177	26.08	23.94	22.27	21.07	20.63	22.03	24.08	26.16	28.98	30.55	31.37	32.65	35.41	37.65	38.09	39.36	42.05	47.30	46.35	40.81	37.42	33.53	30.28	27.59
	-0.53	-0.51	-0.69	-0.67	-0.68	-0.63	-0.57	-1.23	-1.43	-1.78	-1.38	-2.08	-2.46	-2.53	-2.34	-2.46	-2.44	-1.44	-1.58	-0.83	-0.92	-0.89	-0.71	-0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	-1.49	-1.76	-2.23	-1.42	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	25.84	23.72	22.07	20.90	20.44	21.83	23.91	25.81	28.82	30.46	31.40	32.58	35.18	37.41	37.80	39.26	41.81	47.04	46.06	40.64	37.27	33.32	30.19	28.64
	-0.77	-0.73	-0.90	-0.85	-0.87	-0.84	-0.74	-1.59	-1.58	-1.88	-1.34	-2.15	-2.69	-2.77	-2.63	-2.54	-2.65	-1.67	-1.86	-1.00	-1.07	-1.10	-0.81	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	-1.47	-1.73	-2.20	-1.41	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	27.02	24.82	23.31	22.05	21.57	22.98	25.09	27.78	30.80	32.75	33.21	35.40	38.56	40.94	40.92	41.10	43.53	47.59	47.35	42.43	39.07	35.07	31.49	28.66
	0.40	0.37	0.34	0.30	0.26	0.32	0.44	0.38	0.39	0.42	0.46	0.73	0.68	0.76	0.49	0.44	0.43	0.60	0.84	0.79	0.73	0.65	0.49	0.42
	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	-0.32	-0.37	-0.47	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	27.28	25.06	23.51	22.25	21.78	23.21	25.31	28.03	31.11	33.08	33.57	35.68	38.93	41.34	41.44	41.92	44.48	48.72	48.14	43.06	39.61	35.52	31.89	28.97
	0.67	0.61	0.55	0.50	0.47	0.54	0.67	0.63	0.70	0.74	0.82	1.01	1.06	1.17	1.01	1.01	1.07	1.35	1.63	1.42	1.27	1.10	0.90	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	-0.58	-0.68	-0.86	0.00	0.00	0.00	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	26.59 -0.03 0.00	24.42 -0.02 0.00	22.89 -0.07 0.00	21.68 -0.07 0.00	21.25 -0.06 0.00	22.64 -0.02 0.00	24.65 0.00 0.00	27.37 -0.03 0.00	30.47 0.06 0.00	32.33 0.00 0.00	32.85 0.10 0.00	34.78 0.07 -0.04	37.95 0.08 0.00	40.30 0.12 0.00	40.43 0.00 0.00	41.40 0.00 -1.07	43.99 0.00 -1.26	48.34 0.23 -1.60	47.92 0.47 -0.95	42.02 0.37 0.00	38.65 0.31 0.00	34.63 0.21 0.00	31.12 0.12 0.00	28.35 0.11 0.00
ONONDAGA___COGEN 23986	26.64 0.03 0.00	24.47 0.02 0.00	22.94 -0.02 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.69 0.02 0.00	24.69 0.05 0.00	27.42 0.03 0.00	30.53 0.12 0.00	32.40 0.06 0.00	32.91 0.16 0.00	34.85 0.14 -0.03	38.02 0.15 0.00	40.38 0.20 0.00	40.47 0.04 0.00	41.42 0.08 -1.00	43.95 0.04 -1.18	48.29 0.28 -1.50	47.89 0.51 -0.87	42.10 0.46 0.00	38.76 0.42 0.00	34.70 0.28 0.00	31.21 0.22 0.00	28.41 0.17 0.00
ONTARIO___LFGE 23819	27.02 0.40 0.00	24.82 0.37 0.00	23.17 0.21 0.00	21.92 0.17 0.00	21.46 0.15 0.00	22.96 0.29 0.00	25.11 0.47 0.00	27.67 0.27 0.00	30.86 0.46 0.00	32.72 0.39 0.00	33.47 0.72 0.00	35.25 0.52 -0.05	38.33 0.46 0.00	40.74 0.56 0.00	40.67 0.24 0.00	42.00 0.28 -1.38	44.57 0.21 -1.63	49.46 0.88 -2.07	49.04 1.21 -1.32	42.93 1.29 0.00	39.41 1.07 0.00	35.11 0.69 0.00	31.77 0.78 0.00	29.34 1.10 0.00
ORANGEVILLE_WT_PWR 323706	26.78 0.16 0.00	24.55 0.10 0.00	22.85 -0.11 0.00	21.64 -0.11 0.00	21.16 -0.15 0.00	22.64 -0.02 0.00	24.79 0.15 0.00	26.99 -0.41 0.00	30.13 -0.27 0.00	31.91 -0.42 0.00	32.85 0.10 0.00	34.22 -0.52 -0.07	36.96 -0.91 0.00	39.26 -0.92 0.00	39.54 -0.89 0.00	41.09 -1.01 -1.76	43.90 -0.90 -2.07	49.14 0.00 -2.63	48.44 0.19 -1.74	42.27 0.63 0.00	38.77 0.42 0.00	34.66 0.24 0.00	31.42 0.43 0.00	29.51 1.27 0.00
ORANGEVILLE___ESR 323794	26.78 0.16 0.00	24.55 0.10 0.00	22.85 -0.11 0.00	21.64 -0.11 0.00	21.16 -0.15 0.00	22.64 -0.02 0.00	24.79 0.15 0.00	26.99 -0.41 0.00	30.13 -0.27 0.00	31.91 -0.42 0.00	32.85 0.10 0.00	34.22 -0.52 -0.07	36.96 -0.91 0.00	39.26 -0.92 0.00	39.54 -0.89 0.00	41.09 -1.01 -1.76	43.90 -0.90 -2.07	49.14 0.00 -2.63	48.44 0.19 -1.74	42.27 0.63 0.00	38.77 0.42 0.00	34.66 0.24 0.00	31.42 0.43 0.00	29.51 1.27 0.00
OSWEGATCHIE___HYD 24044	25.82 -0.80 0.00	23.76 -0.68 0.00	22.32 -0.64 0.00	21.12 -0.63 0.00	20.65 -0.66 0.00	22.01 -0.66 0.00	24.03 -0.62 0.00	26.63 -0.77 0.00	29.50 -0.91 0.00	31.36 -0.97 0.00	31.80 -0.95 0.00	33.81 -0.87 0.00	36.85 -1.02 0.00	39.13 -1.04 0.00	39.10 -1.33 0.00	39.06 -1.53 -0.26	41.37 -1.67 -0.31	44.90 -2.00 -0.39	44.74 -1.77 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.59 -0.83 0.00	30.12 -0.87 0.00	27.34 -0.90 0.00
OSWEGO___5 23606	26.11 -0.51 0.00	23.98 -0.47 0.00	22.50 -0.46 0.00	21.33 -0.41 0.00	20.89 -0.43 0.00	22.24 -0.43 0.00	24.20 -0.44 0.00	26.85 -0.55 0.00	29.86 -0.55 0.00	31.75 -0.58 0.00	32.26 -0.49 0.00	34.08 -0.59 0.00	37.19 -0.68 0.00	39.50 -0.68 0.00	39.66 -0.77 0.00	40.27 -0.77 -0.70	42.70 -0.85 -0.82	46.86 -0.70 -1.05	45.91 -0.61 0.00	41.14 -0.50 0.00	37.88 -0.46 0.00	33.94 -0.48 0.00	30.56 -0.43 0.00	27.99 -0.25 0.00
OSWEGO___6 23613	26.11 -0.51 0.00	23.98 -0.47 0.00	22.50 -0.46 0.00	21.33 -0.41 0.00	20.89 -0.43 0.00	22.24 -0.43 0.00	24.20 -0.44 0.00	26.85 -0.55 0.00	29.86 -0.55 0.00	31.75 -0.58 0.00	32.26 -0.49 0.00	34.08 -0.59 0.00	37.19 -0.68 0.00	39.50 -0.68 0.00	39.66 -0.77 0.00	40.27 -0.77 -0.70	42.70 -0.85 -0.82	46.86 -0.70 -1.05	45.91 -0.61 0.00	41.14 -0.50 0.00	37.88 -0.46 0.00	33.94 -0.48 0.00	30.56 -0.43 0.00	27.99 -0.25 0.00
OUTOKUMPU-AB___DRP 24206	26.56 -0.05 0.00	24.38 -0.07 0.00	22.66 -0.30 0.00	21.44 -0.30 0.00	20.97 -0.34 0.00	22.44 -0.23 0.00	24.57 -0.07 0.00	26.79 -0.60 0.00	29.71 -0.70 0.00	31.36 -0.97 0.00	32.22 -0.52 0.00	33.58 -1.14 -0.06	36.43 -1.44 0.00	38.57 -1.61 0.00	39.06 -1.37 0.00	40.30 -1.53 -1.50	43.05 -1.45 -1.77	48.30 -0.47 -2.25	47.39 -0.56 -1.44	41.68 0.04 0.00	38.19 -0.15 0.00	34.35 -0.07 0.00	31.05 0.06 0.00	28.27 0.03 0.00
OXBOW____ 24026	26.27 -0.35 0.00	24.08 -0.37 0.00	22.41 -0.55 0.00	21.23 -0.52 0.00	20.76 -0.55 0.00	22.19 -0.48 0.00	24.30 -0.35 0.00	26.25 -1.15 0.00	29.34 -1.07 0.00	31.04 -1.29 0.00	32.03 -0.72 0.00	33.24 -1.49 -0.06	35.94 -1.93 0.00	38.13 -2.05 0.00	38.49 -1.94 0.00	39.88 -1.94 -1.48	42.55 -1.92 -1.75	47.80 -0.93 -2.22	46.87 -1.07 -1.43	41.31 -0.33 0.00	37.88 -0.46 0.00	33.94 -0.48 0.00	30.74 -0.25 0.00	29.12 0.88 0.00
OXY_CHEM_DSASP 323612	25.85 -0.77 0.00	23.72 -0.73 0.00	22.07 -0.90 0.00	20.88 -0.87 0.00	20.44 -0.87 0.00	21.83 -0.84 0.00	23.91 -0.74 0.00	26.03 -1.37 0.00	28.83 -1.58 0.00	30.39 -1.94 0.00	31.21 -1.54 0.00	32.47 -2.25 -0.06	35.22 -2.65 0.00	37.41 -2.77 0.00	37.84 -2.59 0.00	39.27 -2.54 -1.47	41.82 -2.65 -1.74	47.05 -1.67 -2.21	46.05 -1.86 -1.40	40.52 -1.12 0.00	37.19 -1.15 0.00	33.32 -1.10 0.00	30.12 -0.87 0.00	27.45 -0.79 0.00
OZONE_PARK_ESR 323760	29.31 2.69 0.00	26.80 2.35 0.00	25.07 2.11 0.00	23.71 1.96 0.00	23.27 1.96 0.00	24.62 1.95 0.00	26.79 2.14 0.00	30.30 2.90 0.00	33.66 3.25 -1.89	37.71 3.49 0.00	35.96 3.21 0.00	39.26 3.40 -1.19	43.25 3.94 -1.43	44.93 4.14 -0.62	49.33 4.41 -4.50	67.78 4.92 -22.52	73.46 5.30 -25.43	85.18 5.91 -32.77	61.62 5.30 -9.81	45.14 3.50 0.00	41.60 3.26 0.00	37.45 3.03 0.00	33.90 2.91 0.00	31.06 2.82 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.85 -0.77 0.00	23.72 -0.73 0.00	22.07 -0.90 0.00	20.88 -0.87 0.00	20.44 -0.87 0.00	21.83 -0.84 0.00	23.91 -0.74 0.00	26.03 -1.37 0.00	28.83 -1.58 0.00	30.39 -1.94 0.00	31.21 -1.54 0.00	32.47 -2.25 -0.06	35.22 -2.65 0.00	37.41 -2.77 0.00	37.84 -2.59 0.00	39.27 -2.54 -1.47	41.82 -2.65 -1.74	47.05 -1.67 -2.21	46.05 -1.86 -1.40	40.52 -1.12 0.00	37.19 -1.15 0.00	33.32 -1.10 0.00	30.12 -0.87 0.00	27.45 -0.79 0.00
PACKARD___115KV_DUPONT_184 80571	25.85 -0.77 0.00	23.72 -0.73 0.00	22.07 -0.90 0.00	20.88 -0.87 0.00	20.44 -0.87 0.00	21.83 -0.84 0.00	23.91 -0.74 0.00	26.03 -1.37 0.00	28.83 -1.58 0.00	30.39 -1.94 0.00	31.21 -1.54 0.00	32.47 -2.25 -0.06	35.22 -2.65 0.00	37.41 -2.77 0.00	37.84 -2.59 0.00	39.27 -2.54 -1.47	41.82 -2.65 -1.74	47.05 -1.67 -2.21	46.05 -1.86 -1.40	40.52 -1.12 0.00	37.19 -1.15 0.00	33.32 -1.10 0.00	30.12 -0.87 0.00	27.45 -0.79 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.18 2.56 -0.01	26.71 2.25 -0.01	25.01 2.04 -0.01	23.60 1.85 0.00	23.17 1.85 0.00	24.39 1.72 0.00	26.47 1.82 0.00	30.09 2.68 -0.01	33.36 2.95 -0.01	37.43 3.20 -1.90	35.50 2.75 0.00	38.88 3.02 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.44 3.52 -4.50	67.13 4.28 -22.52	72.77 4.61 -25.43	84.39 5.12 -32.76	60.68 4.37 -9.80	44.51 2.87 0.00	41.22 2.88 0.00	37.07 2.65 0.00	33.66 2.67 -0.01	30.87 2.63 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.45 2.82 -0.01	26.95 2.49 -0.01	25.22 2.25 -0.01	23.81 2.07 0.00	23.38 2.07 0.00	24.57 1.90 0.00	26.67 2.02 0.00	30.31 2.90 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.73 2.98 0.00	39.37 3.50 -1.19	43.40 4.09 -1.43	45.13 4.34 -0.62	48.93 4.00 -4.50	67.66 4.80 -22.52	73.28 5.13 -25.43	84.95 5.67 -32.76	61.24 4.93 -9.80	44.97 3.33 0.00	41.64 3.30 0.00	37.45 3.03 0.00	34.04 3.04 -0.01	31.24 2.99 -0.01
PATROON__115KV_TB1 80586	27.79 1.17 0.00	25.50 1.05 0.00	23.97 1.01 0.00	22.68 0.94 0.00	22.23 0.92 0.00	23.62 0.95 0.00	25.66 1.01 0.00	28.55 1.15 0.00	31.71 1.31 0.00	34.19 1.39 -0.47	34.06 1.31 0.00	37.35 1.53 -1.15	39.86 1.63 -0.36	42.02 1.69 -0.15	43.12 1.58 -1.12	58.27 1.61 -16.32	63.41 1.71 -18.98	72.63 1.91 -24.21	72.74 2.09 -24.13	43.02 1.37 0.00	39.72 1.38 0.00	35.66 1.24 0.00	32.20 1.21 0.00	29.34 1.10 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.67 0.05 0.00	24.47 0.02 0.00	22.73 -0.23 0.00	21.51 -0.24 0.00	21.03 -0.28 0.00	22.51 -0.16 0.00	24.69 0.05 0.00	26.90 -0.49 0.00	29.92 -0.49 0.00	31.62 -0.71 0.00	32.49 -0.26 0.00	33.94 -0.80 -0.06	36.81 -1.06 0.00	39.18 -1.00 0.00	39.62 -0.81 0.00	40.56 -1.41 -1.64	43.38 -1.28 -1.93	48.59 -0.37 -2.45	48.29 0.19 -1.59	42.14 0.50 0.00	38.53 0.19 0.00	34.59 0.17 0.00	31.24 0.25 0.00	28.47 0.23 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.83 2.21 0.00	26.53 2.08 0.00	24.91 1.95 0.00	23.55 1.81 0.00	23.06 1.75 0.00	24.43 1.77 0.00	26.57 1.92 0.00	29.83 2.44 0.00	33.02 2.61 0.00	35.96 2.88 -0.75	35.50 2.75 0.00	38.34 2.95 -0.72	42.12 3.67 -0.57	44.28 3.86 -0.25	46.67 4.45 -1.80	60.38 4.76 -15.29	65.22 4.91 -17.58	74.60 5.58 -22.51	61.39 4.88 -10.00	44.93 3.29 0.00	41.30 2.95 0.00	37.11 2.68 0.00	33.35 2.36 0.00	30.61 2.37 0.00
PEEKSKILL____ 23653	28.59 1.97 0.00	26.23 1.78 0.00	24.62 1.65 0.00	23.27 1.52 0.00	22.85 1.54 0.00	24.19 1.52 0.00	26.30 1.65 0.00	29.61 2.22 0.00	32.81 2.40 0.00	37.08 2.59 -2.16	35.11 2.36 0.00	38.57 2.60 -1.30	42.54 3.03 -1.64	44.06 3.17 -0.70	49.08 3.52 -5.13	68.34 3.87 -24.13	74.03 4.14 -27.16	86.19 4.65 -35.03	60.28 4.09 -9.67	44.27 2.63 0.00	40.72 2.38 0.00	36.63 2.20 0.00	33.07 2.08 0.00	30.02 1.78 0.00
PGE MADISON__WINDPWR 24146	28.93 2.31 0.00	26.58 2.13 0.00	24.91 1.95 0.00	23.58 1.83 0.00	22.99 1.68 0.00	24.55 1.88 0.00	26.91 2.27 0.00	29.56 2.16 0.00	32.72 2.31 0.00	34.56 2.23 0.00	35.21 2.46 0.00	37.63 2.81 -0.15	40.68 2.80 0.00	43.35 3.17 0.00	43.22 2.79 0.00	45.92 2.78 -2.80	49.07 3.03 -3.31	54.47 3.77 -4.20	54.84 4.47 -3.86	45.81 4.16 0.00	42.18 3.83 0.00	37.73 3.30 0.00	33.78 2.79 0.00	30.89 2.65 0.00
PIERCEFIELD__HYD 23852	25.26 -1.36 0.00	23.28 -1.17 0.00	21.86 -1.10 0.00	20.68 -1.07 0.00	20.22 -1.09 0.00	21.58 -1.09 0.00	23.51 -1.13 0.00	26.05 -1.34 0.00	28.86 -1.55 0.00	30.75 -1.58 0.00	31.21 -1.54 0.00	33.18 -1.49 0.00	36.17 -1.70 0.00	38.41 -1.77 0.00	38.45 -1.98 0.00	38.00 -2.34 0.00	40.33 -2.39 0.00	43.49 -3.02 0.00	43.58 -2.93 0.00	39.81 -1.83 0.00	36.66 -1.69 0.00	32.94 -1.48 0.00	29.47 -1.52 0.00	26.77 -1.47 0.00
PINELAWN_CC_1 323563	37.88 3.03 -8.23	34.09 2.74 -6.90	28.04 2.53 -2.55	24.12 2.37 0.00	23.67 2.34 -0.02	24.98 2.31 0.00	27.30 2.64 -0.02	36.15 3.37 -5.39	37.95 3.65 -3.90	40.09 3.88 -3.88	37.89 3.08 -2.07	44.89 3.40 -6.82	56.65 3.75 -15.03	65.68 3.94 -21.56	61.66 4.24 -16.98	77.47 3.96 -33.18	84.28 4.19 -37.36	85.56 5.30 -33.75	63.03 5.07 -11.45	48.60 3.50 -3.46	45.39 3.26 -3.79	37.84 2.99 -0.42	37.13 3.07 -3.07	37.07 2.91 -5.92
PJM_GEN_HTP_PROXY 323702	28.93 2.31 0.00	26.48 2.03 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.71 0.00	24.37 1.70 0.00	26.52 1.87 0.00	30.00 2.60 0.00	33.26 2.86 0.00	37.26 3.04 -1.89	35.50 2.75 0.00	38.88 3.01 -1.19	42.75 3.45 -1.44	44.41 3.62 -0.62	48.81 3.88 -4.50	67.18 4.32 -22.53	72.74 4.57 -25.44	84.44 5.16 -32.77	60.83 4.51 -9.81	44.56 2.91 0.00	41.03 2.68 0.00	37.98 2.51 -1.04	32.37 2.42 1.04	30.33 2.09 0.00
PJM_GEN_KEystone 24065	27.41 0.80 0.00	25.16 0.71 0.00	23.51 0.55 0.00	22.25 0.50 0.00	21.80 0.49 0.00	23.19 0.52 0.00	25.29 0.64 0.00	28.08 0.69 0.00	31.23 0.82 0.00	31.79 0.81 1.35	33.63 0.88 0.00	34.97 0.76 0.46	37.41 0.80 1.26	40.19 0.88 0.87	38.11 1.13 3.45	39.11 1.29 2.52	42.26 1.45 1.92	45.67 2.09 2.93	53.15 1.86 -4.78	42.34 1.21 0.51	38.95 1.00 0.39	36.26 0.89 -0.94	30.91 0.96 1.04	29.34 1.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.35 2.50 -8.23	33.60 2.25 -6.90	27.58 2.07 -2.55	23.71 1.96 0.00	23.27 1.94 -0.02	24.57 1.90 0.00	26.80 2.14 -0.02	35.58 2.80 -5.39	36.09 3.04 -2.64	37.92 3.20 -2.38	35.50 2.75 0.00	39.62 3.12 -1.83	46.44 3.56 -5.01	51.78 3.69 -7.91	49.63 4.00 -5.19	66.52 3.75 -22.43	71.99 3.93 -25.33	84.07 4.93 -32.63	60.93 4.61 -9.81	45.14 3.12 -0.37	44.03 2.88 -2.81	38.05 2.58 -1.04	32.97 2.73 0.75	34.42 2.29 -3.89
PJM_GEN_VFT_PROXY 323633	28.83 2.21 0.00	26.38 1.93 0.00	24.69 1.72 0.00	23.32 1.57 0.00	22.91 1.60 0.00	24.23 1.56 0.00	26.40 1.75 0.00	29.89 2.49 0.00	33.11 2.71 0.00	33.84 2.88 1.37	35.27 2.52 0.00	35.52 2.81 1.96	36.73 3.26 4.40	36.94 3.38 6.61	37.44 3.60 6.59	47.38 4.07 -2.97	54.77 4.36 -7.68	58.47 4.88 -7.08	43.78 4.23 6.96	36.98 2.63 7.29	35.26 2.46 5.54	36.30 2.27 0.39	32.21 2.26 1.04	30.22 1.98 0.00
PLATSBRG_115KV_PMLD1 355749	26.80 0.19 0.00	24.72 0.27 0.00	23.19 0.23 0.00	21.94 0.20 0.00	21.50 0.19 0.00	22.96 0.29 0.00	25.09 0.44 0.00	27.86 0.47 0.00	30.98 0.58 0.00	33.01 0.68 0.00	33.50 0.75 0.00	35.33 0.66 0.00	38.55 0.68 0.00	40.86 0.68 0.00	41.08 0.65 0.00	40.46 0.12 0.00	43.07 0.34 0.00	46.46 -0.05 0.00	46.56 0.05 0.00	42.89 1.25 0.00	39.38 1.04 0.00	35.32 0.89 0.00	31.42 0.43 0.00	28.38 0.14 0.00
PLEASANTVLY__LBMP 24000	28.37 1.76 0.00	26.04 1.59 0.00	24.45 1.49 0.00	23.14 1.39 0.00	22.72 1.41 0.00	24.07 1.41 0.00	26.12 1.48 0.00	29.29 1.89 0.00	32.50 2.10 0.00	35.55 2.26 -0.95	34.84 2.10 0.00	37.74 2.25 -0.82	41.21 2.61 -0.72	43.22 2.73 -0.31	45.69 2.99 -2.27	60.61 3.27 -17.00	65.72 3.50 -19.49	75.44 3.95 -24.98	60.46 3.58 -10.37	43.93 2.29 0.00	40.45 2.11 0.00	36.42 2.00 0.00	32.88 1.89 0.00	30.08 1.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.72 2.10 0.00	26.31 1.86 0.00	24.68 1.72 0.00	23.36 1.61 0.00	22.93 1.62 0.00	24.28 1.61 0.00	26.40 1.75 0.00	29.70 2.30 0.00	32.99 2.58 0.00	36.64 2.81 -1.50	35.37 2.62 0.00	38.51 2.81 -1.03	42.27 3.26 -1.14	44.08 3.42 -0.49	47.79 3.80 -3.56	64.60 4.19 -20.06	69.94 4.44 -22.77	80.77 4.98 -29.28	60.92 4.51 -9.90	44.60 2.96 0.00	40.99 2.65 0.00	36.86 2.44 0.00	33.28 2.29 0.00	30.44 2.20 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.72 2.10 0.00	26.31 1.86 0.00	24.68 1.72 0.00	23.36 1.61 0.00	22.93 1.62 0.00	24.28 1.61 0.00	26.40 1.75 0.00	29.70 2.30 0.00	32.99 2.58 0.00	36.64 2.81 -1.50	35.37 2.62 0.00	38.51 2.81 -1.03	42.27 3.26 -1.14	44.08 3.42 -0.49	47.79 3.80 -3.56	64.60 4.19 -20.06	69.94 4.44 -22.77	80.77 4.98 -29.28	60.92 4.51 -9.90	44.60 2.96 0.00	40.99 2.65 0.00	36.86 2.44 0.00	33.28 2.29 0.00	30.44 2.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.61 2.00 0.00	26.23 1.78 0.00	24.62 1.65 0.00	23.34 1.59 0.00	22.85 1.53 0.00	24.21 1.54 0.00	26.27 1.63 0.00	29.29 1.89 0.00	32.50 2.10 0.00	35.04 2.23 -0.48	34.81 2.06 0.00	37.50 2.22 -0.61	41.00 2.76 -0.36	43.19 2.85 -0.16	44.64 3.07 -1.14	57.28 3.31 -13.63	62.07 3.55 -15.80	70.69 4.00 -20.18	60.58 3.77 -10.30	44.14 2.50 0.00	40.61 2.26 0.00	36.59 2.17 0.00	33.04 2.05 0.00	30.22 1.98 0.00
POLETTI____ 23519	28.96 2.34 0.00	26.50 2.05 0.00	24.80 1.84 0.00	23.45 1.70 0.00	23.02 1.70 0.00	24.37 1.70 0.00	26.52 1.87 0.00	29.94 2.55 0.00	33.26 2.86 0.00	37.29 3.07 -1.89	35.50 2.75 0.00	38.81 2.95 -1.19	42.72 3.41 -1.43	44.37 3.58 -0.62	48.73 3.80 -4.50	67.14 4.28 -22.52	72.77 4.61 -25.43	84.39 5.12 -32.77	60.83 4.51 -9.81	44.56 2.91 0.00	41.03 2.68 0.00	36.93 2.51 0.00	33.44 2.45 0.00	30.70 2.46 0.00
POMONA____ESR 323819	28.51 1.89 0.00	26.13 1.69 0.00	24.55 1.58 0.00	23.23 1.48 0.00	22.78 1.47 0.00	24.12 1.45 0.00	26.20 1.55 0.00	29.42 2.03 0.00	32.60 2.19 0.00	31.77 2.36 2.92	34.85 2.10 0.00	36.16 2.36 0.87	38.42 2.76 2.22	42.08 2.85 0.95	36.68 3.19 6.95	34.63 3.55 9.26	37.38 3.80 9.15	38.44 4.28 12.35	59.63 3.77 -9.35	43.97 2.33 0.00	40.45 2.11 0.00	36.38 1.96 0.00	32.94 1.95 0.00	29.85 1.61 0.00
PORT_JEFF_3 23555	37.83 2.98 -8.23	34.04 2.69 -6.90	28.00 2.48 -2.55	24.10 2.35 0.00	23.67 2.34 -0.02	24.93 2.27 0.00	27.27 2.61 -0.02	36.33 3.54 -5.40	43.20 3.77 -9.02	46.18 3.88 -9.97	68.64 3.14 -32.74	118.91 3.43 -80.80	205.46 3.86 -163.73	268.29 4.02 -224.09	236.57 4.20 -191.94	236.91 3.91 -192.66	262.75 4.14 -215.88	125.15 5.12 -73.52	125.22 4.88 -73.83	113.15 3.45 -68.05	59.93 3.22 -18.37	44.03 2.92 -6.68	38.97 2.92 -4.82	38.97 2.71 -8.02
PORT_JEFF_4 23616	37.83 2.98 -8.23	34.04 2.69 -6.90	28.00 2.48 -2.55	24.10 2.35 0.00	23.67 2.34 -0.02	24.93 2.27 0.00	27.27 2.61 -0.02	36.33 3.54 -5.40	43.20 3.77 -9.02	46.18 3.88 -9.97	68.64 3.14 -32.74	118.91 3.43 -80.80	205.46 3.86 -163.73	268.29 4.02 -224.09	236.57 4.20 -191.94	236.91 3.91 -192.66	262.75 4.14 -215.88	125.15 5.12 -73.52	125.22 4.88 -73.83	113.15 3.45 -68.05	59.93 3.22 -18.37	44.03 2.92 -6.68	38.97 2.92 -4.82	38.97 2.71 -8.02
PORT_JEFF_IC 23713	37.91 3.06 -8.23	34.11 2.76 -6.90	28.07 2.55 -2.55	24.16 2.41 0.00	23.74 2.41 -0.02	25.00 2.34 0.00	27.35 2.69 -0.02	36.41 3.62 -5.40	43.83 3.89 -9.53	46.95 4.04 -10.58	68.55 3.18 -32.63	130.56 3.50 -92.38	228.85 3.98 -187.00	300.15 4.18 -255.79	264.16 4.41 -219.32	262.03 4.07 -217.63	290.86 4.31 -243.83	135.58 5.30 -83.77	154.35 5.02 -102.81	132.87 3.58 -87.65	62.29 3.30 -20.65	45.15 3.06 -7.66	39.26 3.28 -4.98	38.81 2.82 -7.75
PPL PILGRIM_ST_GT1 24216	37.99 3.14 -8.23	34.21 2.86 -6.90	28.16 2.64 -2.55	24.23 2.48 0.00	23.80 2.47 -0.02	25.09 2.43 0.00	27.42 2.76 -0.02	36.37 3.59 -5.39	44.63 3.77 -10.45	48.11 4.07 -11.71	42.66 3.24 -6.66	56.15 3.57 -17.90	79.27 4.09 -37.31	96.39 4.30 -51.91	88.16 4.53 -43.20	101.61 4.19 -57.07	111.28 4.44 -64.11	88.28 5.58 -36.19	66.91 5.35 -15.05	55.70 3.75 -10.30	47.89 3.57 -5.98	38.91 3.13 -1.36	42.83 3.28 -8.55	49.45 3.02 -18.19
PPL PILGRIM_ST_GT2 24217	37.99 3.14 -8.23	34.21 2.86 -6.90	28.16 2.64 -2.55	24.23 2.48 0.00	23.80 2.47 -0.02	25.09 2.43 0.00	27.42 2.76 -0.02	36.37 3.59 -5.39	44.63 3.77 -10.45	48.11 4.07 -11.71	42.66 3.24 -6.66	56.15 3.57 -17.90	79.27 4.09 -37.31	96.39 4.30 -51.91	88.16 4.53 -43.20	101.61 4.19 -57.07	111.28 4.44 -64.11	88.28 5.58 -36.19	66.91 5.35 -15.05	55.70 3.75 -10.30	47.89 3.57 -5.98	38.91 3.13 -1.36	42.83 3.28 -8.55	49.45 3.02 -18.19
PPL_SHRM_GT3 24213	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	25.00 2.34 0.00	27.32 2.66 -0.02	36.74 3.95 -5.40	43.75 4.23 -9.12	46.88 4.46 -10.08	87.49 3.96 -50.78	121.35 4.44 -82.24	209.56 5.08 -166.61	273.10 4.90 -228.02	240.41 4.65 -195.33	240.41 4.32 -195.76	266.69 4.62 -219.34	130.41 5.86 -78.04	131.30 5.63 -79.17	116.98 4.00 -71.34	60.64 3.64 -18.65	44.39 3.16 -6.80	39.10 3.22 -4.88	39.09 2.80 -8.05
PPL_SHRM_GT4 24214	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	25.00 2.34 0.00	27.32 2.66 -0.02	36.74 3.95 -5.40	43.75 4.23 -9.12	46.88 4.46 -10.08	87.49 3.96 -50.78	121.35 4.44 -82.24	209.56 5.08 -166.61	273.10 4.90 -228.02	240.41 4.65 -195.33	240.41 4.32 -195.76	266.69 4.62 -219.34	130.41 5.86 -78.04	131.30 5.63 -79.17	116.98 4.00 -71.34	60.64 3.64 -18.65	44.39 3.16 -6.80	39.10 3.22 -4.88	39.09 2.80 -8.05
PROJECT___ORANGE 1 24174	26.51 -0.11 0.00	24.35 -0.10 0.00	22.82 -0.14 0.00	21.62 -0.13 0.00	21.18 -0.13 0.00	22.58 -0.09 0.00	24.57 -0.07 0.00	27.29 -0.11 0.00	30.41 0.00 0.00	32.24 -0.10 0.00	32.75 0.00 0.00	34.67 0.00 0.00	37.83 -0.04 0.00	40.18 0.00 0.00	40.27 -0.16 0.00	41.10 -0.12 -0.88	43.60 -0.17 -1.04	47.93 0.09 -1.32	46.74 0.23 0.00	41.85 0.21 0.00	38.50 0.15 0.00	34.46 0.03 0.00	30.99 0.00 0.00	28.24 0.00 0.00
PROJECT___ORANGE 2 24166	26.51 -0.11 0.00	24.35 -0.10 0.00	22.82 -0.14 0.00	21.62 -0.13 0.00	21.18 -0.13 0.00	22.58 -0.09 0.00	24.57 -0.07 0.00	27.29 -0.11 0.00	30.41 0.00 0.00	32.24 -0.10 0.00	32.75 0.00 0.00	34.67 0.00 0.00	37.83 -0.04 0.00	40.18 0.00 0.00	40.27 -0.16 0.00	41.10 -0.12 -0.88	43.60 -0.17 -1.04	47.93 0.09 -1.32	46.74 0.23 0.00	41.85 0.21 0.00	38.50 0.15 0.00	34.46 0.03 0.00	30.99 0.00 0.00	28.24 0.00 0.00
PUCKETT___SOLAR 323809	27.49 0.88 0.00	25.25 0.81 0.00	23.65 0.69 0.00	22.38 0.63 0.00	21.89 0.58 0.00	23.35 0.68 0.00	25.48 0.84 0.00	28.14 0.74 0.00	31.23 0.82 0.00	33.08 0.74 0.00	33.60 0.85 0.00	35.62 0.80 -0.15	38.67 0.80 0.00	41.10 0.92 0.00	41.28 0.85 0.00	44.27 0.89 -3.04	47.30 0.98 -3.59	52.61 1.53 -4.56	52.10 1.91 -3.68	43.39 1.75 0.00	39.92 1.57 0.00	35.73 1.31 0.00	32.14 1.15 0.00	29.45 1.21 0.00
PYRITES___HYD 24023	25.82 -0.80 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.14 -0.61 0.00	20.65 -0.66 0.00	22.05 -0.61 0.00	24.05 -0.59 0.00	26.57 -0.82 0.00	29.43 -0.97 0.00	31.36 -0.97 0.00	31.83 -0.92 0.00	33.98 -0.69 0.00	37.04 -0.83 0.00	39.38 -0.80 0.00	39.26 -1.17 0.00	38.76 -1.57 0.00	41.15 -1.58 0.00	44.32 -2.19 0.00	44.46 -2.05 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.63 -0.79 0.00	30.06 -0.93 0.00	27.31 -0.93 0.00

QUAKERRD_115KV_BK1 80622	26.03 -0.59 0.00	23.86 -0.59 0.00	22.30 -0.67 0.00	21.10 -0.65 0.00	20.67 -0.64 0.00	22.05 -0.61 0.00	24.13 -0.52 0.00	26.63 -0.77 0.00	29.65 -0.76 0.00	31.36 -0.97 0.00	32.06 -0.69 0.00	33.74 -0.97 -0.04	36.70 -1.17 0.00	39.01 -1.17 0.00	39.22 -1.21 0.00	40.23 -1.25 -1.14	42.75 -1.32 -1.35	47.52 -0.70 -1.71	46.75 -0.79 -1.03	41.35 -0.29 0.00	37.92 -0.42 0.00	33.87 -0.55 0.00	30.53 -0.46 0.00	27.76 -0.48 0.00
QUENSBRY_115KV_TB8 356137	28.51 1.89 0.00	26.16 1.71 0.00	24.57 1.61 0.00	23.21 1.46 0.00	22.74 1.43 0.00	24.28 1.61 0.00	26.37 1.73 0.00	29.37 1.97 0.00	32.66 2.25 0.00	35.18 2.39 -0.45	35.17 2.42 0.00	38.81 2.70 -1.44	41.02 2.80 -0.34	43.22 2.89 -0.15	43.86 2.34 -1.08	59.23 2.30 -16.60	64.60 2.56 -19.31	74.07 2.93 -24.63	81.71 3.67 -31.52	44.56 2.91 0.00	41.37 3.03 0.00	37.04 2.62 0.00	33.10 2.11 0.00	30.02 1.78 0.00
RAMAPO___LBMP 323565	28.40 1.78 0.00	26.06 1.61 0.00	24.45 1.49 0.00	23.14 1.39 0.00	22.70 1.39 0.00	24.05 1.38 0.00	26.12 1.48 0.00	29.31 1.92 0.00	32.53 2.13 0.00	31.99 2.30 2.64	34.84 2.10 0.00	36.17 2.25 0.76	38.52 2.65 2.00	42.09 2.77 0.86	37.22 3.07 6.28	36.34 3.47 7.47	39.23 3.72 7.21	40.88 4.19 9.82	59.50 3.67 -9.31	43.93 2.29 0.00	40.41 2.07 0.00	36.38 1.96 0.00	32.88 1.89 0.00	30.08 1.84 0.00
RANKINE____ 23646	26.72 0.11 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.57 -0.17 0.00	21.10 -0.21 0.00	22.58 -0.09 0.00	24.74 0.10 0.00	26.99 -0.41 0.00	29.95 -0.46 0.00	31.65 -0.68 0.00	32.52 -0.23 0.00	33.94 -0.80 -0.06	36.77 -1.10 0.00	39.13 -1.04 0.00	39.58 -0.85 0.00	40.85 -1.09 -1.60	43.63 -0.98 -1.89	48.91 0.00 -2.40	48.20 0.14 -1.55	42.18 0.54 0.00	38.65 0.31 0.00	34.66 0.24 0.00	31.30 0.31 0.00	28.52 0.28 0.00
RAVENSWOOD_GT2_1 24244	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.29 3.07 -1.89	35.50 2.75 0.00	38.92 3.05 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.17 4.32 -22.52	72.77 4.62 -25.43	84.43 5.16 -32.76	60.88 4.56 -9.81	44.56 2.91 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.47 2.48 0.00	30.39 2.15 0.00
RAVENSWOOD_GT2_2 24245	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.29 3.07 -1.89	35.50 2.75 0.00	38.92 3.05 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.17 4.32 -22.52	72.77 4.62 -25.43	84.43 5.16 -32.76	60.88 4.56 -9.81	44.56 2.91 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.47 2.48 0.00	30.39 2.15 0.00
RAVENSWOOD_GT2_3 24246	28.99 2.37 0.00	26.55 2.10 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.41 1.75 0.00	26.57 1.92 0.00	30.05 2.66 0.00	33.33 2.92 0.00	37.32 3.10 -1.89	35.53 2.78 0.00	38.92 3.05 -1.19	42.83 3.52 -1.43	44.45 3.66 -0.62	48.85 3.92 -4.50	67.21 4.36 -22.52	72.81 4.66 -25.43	84.48 5.21 -32.76	60.92 4.61 -9.81	44.60 2.96 0.00	41.14 2.80 0.00	37.00 2.58 0.00	33.50 2.51 0.00	30.41 2.17 0.00
RAVENSWOOD_GT2_4 24247	28.99 2.37 0.00	26.55 2.10 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.41 1.75 0.00	26.57 1.92 0.00	30.05 2.66 0.00	33.33 2.92 0.00	37.32 3.10 -1.89	35.53 2.78 0.00	38.92 3.05 -1.19	42.83 3.52 -1.43	44.45 3.66 -0.62	48.85 3.92 -4.50	67.21 4.36 -22.52	72.81 4.66 -25.43	84.48 5.21 -32.76	60.92 4.61 -9.81	44.60 2.96 0.00	41.14 2.80 0.00	37.00 2.58 0.00	33.50 2.51 0.00	30.41 2.17 0.00
RAVENSWOOD_GT3_1 24248	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.29 3.07 -1.89	35.50 2.75 0.00	38.92 3.05 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.17 4.32 -22.52	72.77 4.62 -25.43	84.48 5.21 -32.76	60.92 4.61 -9.81	44.56 2.91 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.47 2.48 0.00	30.39 2.15 0.00
RAVENSWOOD_GT3_2 24249	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.29 3.07 -1.89	35.50 2.75 0.00	38.92 3.05 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.17 4.32 -22.52	72.77 4.62 -25.43	84.48 5.21 -32.76	60.92 4.61 -9.81	44.56 2.91 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.47 2.48 0.00	30.39 2.15 0.00
RAVENSWOOD_GT3_3 24250	29.04 2.42 0.00	26.58 2.13 0.00	24.89 1.93 0.00	23.51 1.76 0.00	23.10 1.79 0.00	24.43 1.77 0.00	26.59 1.95 0.00	30.03 2.63 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.63 2.88 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.89 3.96 -4.50	67.29 4.44 -22.52	72.90 4.74 -25.43	84.58 5.30 -32.76	61.02 4.70 -9.81	44.72 3.08 0.00	41.22 2.88 0.00	37.11 2.68 0.00	33.59 2.60 0.00	30.78 2.54 0.00
RAVENSWOOD_GT3_4 24251	29.04 2.42 0.00	26.58 2.13 0.00	24.89 1.93 0.00	23.51 1.76 0.00	23.10 1.79 0.00	24.44 1.77 0.00	26.59 1.95 0.00	30.08 2.69 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.60 2.85 0.00	38.99 3.12 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	48.89 3.96 -4.50	67.29 4.44 -22.52	72.90 4.74 -25.43	84.57 5.30 -32.76	61.01 4.70 -9.81	44.64 3.00 0.00	41.18 2.84 0.00	37.04 2.61 0.00	33.56 2.57 0.00	30.44 2.20 0.00
RAVENSWOOD_GT_1 23729	29.12 2.50 0.00	26.65 2.20 0.00	24.94 1.98 0.00	23.55 1.80 0.00	23.14 1.83 0.00	24.44 1.77 0.00	26.57 1.92 0.00	30.17 2.77 -0.01	33.46 3.04 -0.01	37.49 3.26 -1.90	35.63 2.88 0.00	39.05 3.19 -1.19	42.94 3.64 -1.43	44.57 3.78 -0.62	48.73 3.80 -4.50	68.88 4.36 -24.19	72.82 4.66 -25.44	84.49 5.21 -32.77	62.86 4.56 -11.79	44.56 2.91 0.00	41.23 2.88 -0.01	37.12 2.69 -0.01	34.26 2.67 -0.60	31.11 2.32 -0.55
RAVENSWOOD_GT_10 24258	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.97 2.58 0.00	33.29 2.89 0.00	37.32 3.10 -1.89	35.57 2.82 0.00	38.88 3.02 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.21 4.36 -22.52	72.81 4.66 -25.43	84.48 5.21 -32.76	60.92 4.60 -9.81	44.64 3.00 0.00	41.14 2.80 0.00	37.04 2.62 0.00	33.50 2.51 0.00	30.72 2.49 0.00
RAVENSWOOD_GT_11 24259	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.29 3.07 -1.89	35.50 2.75 0.00	38.92 3.05 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.21 4.36 -22.52	72.81 4.66 -25.43	84.48 5.21 -32.76	60.92 4.61 -9.81	44.60 2.96 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.47 2.48 0.00	30.38 2.15 0.00

RAVENSWOOD_GT_4 24252	28.96 2.34 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.97 2.58 0.01	33.29 2.89 0.01	37.29 3.07 -1.88	35.57 2.82 0.00	38.85 2.98 -1.19	42.75 3.45 -1.43	44.45 3.66 -0.62	48.85 3.92 -4.50	68.48 4.36 -23.79	72.82 4.66 -25.44	84.49 5.21 -32.77	62.43 4.60 -11.32	44.64 3.00 0.00	41.11 2.76 -0.01	37.01 2.58 -0.01	33.95 2.51 -0.44	31.11 2.46 -0.41
RAVENSWOOD_GT_5 24254	28.96 2.34 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.97 2.58 0.01	33.29 2.89 0.01	37.29 3.07 -1.88	35.57 2.82 0.00	38.85 2.98 -1.19	42.75 3.45 -1.43	44.45 3.66 -0.62	48.85 3.92 -4.50	68.48 4.36 -23.79	72.82 4.66 -25.44	84.49 5.21 -32.77	62.43 4.60 -11.32	44.64 3.00 0.00	41.11 2.76 -0.01	37.01 2.58 -0.01	33.95 2.51 -0.44	31.11 2.46 -0.41
RAVENSWOOD_GT_6 24253	28.96 2.34 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.97 2.58 0.01	33.29 2.89 0.01	37.29 3.07 -1.88	35.57 2.82 0.00	38.85 2.98 -1.19	42.75 3.45 -1.43	44.45 3.66 -0.62	48.85 3.92 -4.50	68.48 4.36 -23.79	72.82 4.66 -25.44	84.49 5.21 -32.77	62.43 4.60 -11.32	44.64 3.00 0.00	41.11 2.76 -0.01	37.01 2.58 -0.01	33.95 2.51 -0.44	31.11 2.46 -0.41
RAVENSWOOD_GT_7 24255	28.96 2.34 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.97 2.58 0.01	33.29 2.89 0.01	37.29 3.07 -1.88	35.57 2.82 0.00	38.85 2.98 -1.19	42.75 3.45 -1.43	44.45 3.66 -0.62	48.85 3.92 -4.50	68.48 4.36 -23.79	72.82 4.66 -25.44	84.49 5.21 -32.77	62.43 4.60 -11.32	44.64 3.00 0.00	41.11 2.76 -0.01	37.01 2.58 -0.01	33.95 2.51 -0.44	31.11 2.46 -0.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	29.97 2.58 0.00	33.29 2.89 0.00	37.32 3.10 -1.89	35.57 2.82 0.00	38.88 3.02 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.21 4.36 -22.52	72.81 4.66 -25.43	84.48 5.21 -32.76	60.92 4.60 -9.81	44.64 3.00 0.00	41.14 2.80 0.00	37.04 2.62 0.00	33.50 2.51 0.00	30.72 2.49 0.00
RAVENSWOOD_GT_9 24257	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.29 3.07 -1.89	35.50 2.75 0.00	38.92 3.05 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.21 4.36 -22.52	72.81 4.66 -25.43	84.48 5.21 -32.76	60.92 4.61 -9.81	44.60 2.96 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.47 2.48 0.00	30.38 2.15 0.00
RAVENSWOOD___1 23533	29.09 2.48 0.00	26.62 2.18 0.00	24.91 1.95 0.00	23.53 1.78 0.00	23.12 1.81 0.00	24.41 1.75 0.00	26.54 1.90 0.00	30.14 2.74 -0.01	33.43 3.01 -0.01	37.46 3.23 -1.90	35.60 2.85 0.00	39.02 3.15 -1.19	42.91 3.60 -1.43	44.53 3.74 -0.62	48.69 3.76 -4.50	67.17 4.32 -22.52	72.77 4.62 -25.43	84.43 5.16 -32.76	60.82 4.51 -9.80	44.51 2.87 0.00	41.22 2.88 0.00	37.07 2.65 0.00	33.63 2.63 -0.01	30.53 2.29 -0.01
RAVENSWOOD___2 23534	29.01 2.40 0.00	26.55 2.10 0.00	24.87 1.90 0.00	23.49 1.74 0.00	23.08 1.77 0.00	24.34 1.68 0.00	26.49 1.85 0.00	30.09 2.69 -0.01	33.36 2.95 -0.01	37.36 3.14 -1.90	35.53 2.78 0.00	38.95 3.08 -1.19	42.83 3.52 -1.43	44.25 3.46 -0.62	48.36 3.43 -4.50	66.81 3.96 -22.52	72.43 4.27 -25.43	83.97 4.70 -32.76	60.40 4.09 -9.80	44.22 2.58 0.00	41.14 2.80 0.00	37.00 2.58 0.00	33.57 2.57 -0.01	30.48 2.23 -0.01
RAVENSWOOD___3 23535	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.47 1.72 0.00	23.06 1.75 0.00	24.39 1.72 0.00	26.54 1.90 0.00	30.03 2.63 0.00	33.30 2.89 0.00	37.29 3.07 -1.89	35.53 2.78 0.00	38.92 3.05 -1.19	42.79 3.48 -1.43	44.45 3.66 -0.62	48.81 3.88 -4.50	67.21 4.36 -22.52	72.81 4.66 -25.43	84.48 5.21 -32.76	60.92 4.61 -9.81	44.56 2.91 0.00	41.11 2.76 0.00	36.97 2.55 0.00	33.50 2.51 0.00	30.39 2.15 0.00
RAVENSWOOD___4 23820	29.06 2.45 0.00	26.60 2.15 0.00	24.91 1.95 0.00	23.51 1.76 0.00	23.10 1.79 0.00	24.39 1.72 0.00	26.52 1.87 0.00	30.12 2.71 -0.01	33.39 2.98 -0.01	37.43 3.20 -1.89	35.60 2.85 0.00	38.99 3.12 -1.19	42.91 3.60 -1.43	44.49 3.69 -0.62	48.64 3.72 -4.50	65.49 4.27 -20.88	72.76 4.62 -25.42	84.38 5.12 -32.75	58.86 4.51 -7.84	44.47 2.83 0.00	41.17 2.84 0.01	37.03 2.61 0.01	33.05 2.63 0.58	29.97 2.26 0.53
RCPL_TRUST___DRP 24196	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.41 1.75 0.00	26.57 1.92 0.00	30.00 2.60 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.66 2.91 0.00	38.95 3.09 -1.19	42.87 3.56 -1.44	44.53 3.74 -0.62	48.93 4.00 -4.50	67.30 4.44 -22.53	72.91 4.74 -25.44	84.58 5.30 -32.77	60.97 4.65 -9.81	44.68 3.04 0.00	41.14 2.80 0.00	37.04 2.62 0.00	33.47 2.48 0.00	30.70 2.46 0.00
RED___ROCHESTER 323720	26.94 0.32 0.00	24.69 0.24 0.00	23.05 0.09 0.00	21.81 0.07 0.00	21.33 0.02 0.00	22.78 0.11 0.00	24.94 0.30 0.00	27.37 -0.03 0.00	30.59 0.18 0.00	32.43 0.10 0.00	33.30 0.56 0.00	34.85 0.14 -0.04	37.80 -0.08 0.00	40.22 0.04 0.00	40.47 0.04 0.00	41.47 -0.04 -1.18	44.16 0.04 -1.39	49.20 0.93 -1.76	48.38 0.79 -1.08	42.97 1.33 0.00	39.41 1.07 0.00	35.11 0.69 0.00	31.70 0.71 0.00	29.51 1.27 0.00
REGAN___SOLAR 323812	29.65 3.03 0.00	27.19 2.74 0.00	25.53 2.57 0.00	24.12 2.37 0.00	23.61 2.30 0.00	25.27 2.61 0.00	27.38 2.74 0.00	30.46 3.07 0.00	33.72 3.31 0.00	36.03 3.33 -0.37	36.19 3.44 0.00	40.60 4.61 -1.32	43.00 4.85 -0.28	45.24 4.94 -0.12	44.70 3.40 -0.87	61.58 3.31 -17.94	67.47 3.80 -20.95	77.62 4.42 -26.69	81.56 5.63 -29.42	46.55 4.91 0.00	43.14 4.79 0.00	38.62 4.20 0.00	34.55 3.56 0.00	31.26 3.02 0.00
RENSSELAER___COGEN 23796	27.60 0.99 0.00	25.33 0.88 0.00	23.83 0.87 0.00	22.55 0.81 0.00	22.10 0.79 0.00	23.48 0.81 0.00	25.48 0.84 0.00	28.38 0.98 0.00	31.50 1.09 0.00	33.97 1.16 -0.47	33.80 1.05 0.00	36.86 1.14 -1.04	39.52 1.29 -0.36	41.66 1.32 -0.15	42.85 1.29 -1.13	57.85 1.33 -16.18	62.94 1.41 -18.81	72.09 1.58 -24.00	69.46 1.67 -21.28	42.64 1.00 0.00	39.38 1.04 0.00	35.52 1.10 0.00	31.98 0.99 0.00	28.97 0.73 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.18 3.57 0.00	27.65 3.20 0.00	25.97 3.01 0.00	24.49 2.74 0.00	23.95 2.64 0.00	25.70 3.04 0.00	27.85 3.20 0.00	31.07 3.67 0.00	34.66 4.26 0.00	37.31 4.53 -0.45	37.33 4.58 0.00	41.31 5.20 -1.43	43.71 5.49 -0.35	46.03 5.71 -0.15	46.12 4.61 -1.08	61.28 4.36 -16.59	66.90 4.87 -19.30	76.58 5.44 -24.63	84.95 7.02 -31.42	47.55 5.91 0.00	44.36 6.02 0.00	39.58 5.16 0.00	35.08 4.09 0.00	31.69 3.45 0.00

REVERE_CPPR_DRP 24186	27.47 0.85 0.00	25.21 0.76 0.00	23.65 0.69 0.00	22.38 0.63 0.00	21.89 0.58 0.00	23.32 0.66 0.00	25.48 0.84 0.00	28.19 0.79 0.00	31.26 0.85 0.00	33.27 0.94 0.00	33.73 0.98 0.00	35.96 1.28 0.00	39.16 1.29 0.00	41.63 1.45 0.00	41.72 1.29 0.00	42.08 1.25 -0.50	44.59 1.28 -0.59	48.84 1.58 -0.74	48.46 1.95 0.00	43.35 1.71 0.00	39.91 1.57 0.00	35.76 1.34 0.00	32.08 1.08 0.00	29.14 0.90 0.00
REYNOLDS_115KV_TB3 80639	27.84 1.22 0.00	25.55 1.10 0.00	24.02 1.06 0.00	22.75 1.00 0.00	22.29 0.98 0.00	23.69 1.02 0.00	25.71 1.06 0.00	28.60 1.21 0.00	31.74 1.34 0.00	34.24 1.42 -0.48	34.09 1.34 0.00	37.33 1.56 -1.10	39.91 1.67 -0.37	42.07 1.73 -0.16	43.32 1.74 -1.15	58.39 1.77 -16.28	63.57 1.92 -18.92	72.80 2.14 -24.15	71.21 2.19 -22.51	43.06 1.42 0.00	39.76 1.42 0.00	35.73 1.31 0.00	32.26 1.27 0.00	29.40 1.16 0.00
RIVERBAY____ 323610	29.45 2.82 -0.01	26.95 2.49 -0.01	25.22 2.25 -0.01	23.81 2.07 0.00	23.38 2.07 0.00	24.57 1.90 0.00	26.67 2.02 0.00	30.31 2.90 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.73 2.98 0.00	39.37 3.50 -1.19	43.40 4.09 -1.43	45.13 4.34 -0.62	48.93 4.00 -4.50	67.66 4.80 -22.52	73.28 5.13 -25.43	84.95 5.67 -32.76	61.24 4.93 -9.80	44.97 3.33 0.00	41.64 3.30 0.00	37.45 3.03 0.00	34.04 3.04 -0.01	31.24 2.99 -0.01
RIVERSDE_115KV_TB3 55908	27.76 1.14 0.00	25.48 1.03 0.00	23.95 0.99 0.00	22.68 0.94 0.00	22.23 0.92 0.00	23.62 0.95 0.00	25.63 0.99 0.00	28.52 1.12 0.00	31.68 1.28 0.00	34.17 1.36 -0.48	34.03 1.28 0.00	37.27 1.49 -1.10	39.83 1.59 -0.36	41.98 1.65 -0.16	43.14 1.58 -1.14	58.23 1.61 -16.28	63.40 1.75 -18.92	72.61 1.95 -24.15	71.37 2.05 -22.81	42.97 1.33 0.00	39.68 1.34 0.00	35.63 1.20 0.00	32.17 1.18 0.00	29.31 1.07 0.00
ROARING__BROOK_WT_PWR 323790	26.24 -0.37 0.00	24.11 -0.34 0.00	22.66 -0.30 0.00	21.49 -0.26 0.00	21.06 -0.25 0.00	22.42 -0.25 0.00	24.40 -0.25 0.00	27.40 0.00 0.00	30.44 0.03 0.00	32.33 0.00 0.00	32.72 -0.03 0.00	34.67 0.00 0.00	37.83 -0.04 0.00	40.10 -0.08 0.00	40.31 -0.12 0.00	40.22 -0.12 0.00	42.56 -0.17 0.00	46.46 -0.05 0.00	46.56 0.05 0.00	41.60 -0.04 0.00	38.23 -0.11 0.00	34.18 -0.24 0.00	30.71 -0.28 0.00	27.93 -0.31 0.00
ROCHESRG_115KV_T4 355643	26.59 -0.03 0.00	24.40 -0.05 0.00	22.78 -0.18 0.00	21.55 -0.20 0.00	21.10 -0.21 0.00	22.53 -0.14 0.00	24.65 0.00 0.00	27.15 -0.25 0.00	30.16 -0.24 0.00	31.91 -0.42 0.00	32.65 -0.10 0.00	34.26 -0.45 -0.04	37.23 -0.64 0.00	39.58 -0.60 0.00	39.86 -0.57 0.00	40.94 -0.56 -1.17	43.55 -0.56 -1.38	48.50 0.23 -1.76	47.67 0.09 -1.06	42.18 0.54 0.00	38.73 0.38 0.00	34.59 0.17 0.00	31.18 0.19 0.00	28.38 0.14 0.00
ROCHESTER_9_IC 23652	26.78 0.16 0.00	24.55 0.10 0.00	22.92 -0.05 0.00	21.68 -0.07 0.00	21.23 -0.09 0.00	22.67 0.00 0.00	24.82 0.17 0.00	27.34 -0.05 0.00	30.41 0.00 0.00	32.14 -0.19 0.00	32.91 0.16 0.00	34.54 -0.17 -0.04	37.53 -0.34 0.00	39.94 -0.24 0.00	40.23 -0.20 0.00	41.23 -0.28 -1.18	43.86 -0.26 -1.39	48.88 0.60 -1.77	48.05 0.47 -1.07	42.60 0.96 0.00	39.03 0.69 0.00	34.87 0.45 0.00	31.42 0.43 0.00	28.61 0.37 0.00
ROCKVIEW_13_KV_LD 356306	28.91 2.29 0.00	26.45 2.00 0.00	24.82 1.86 0.00	23.47 1.72 0.00	23.04 1.73 0.00	24.41 1.75 0.00	26.54 1.90 0.00	29.92 2.52 0.00	33.23 2.83 0.00	37.29 3.07 -1.89	35.60 2.85 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.53 3.74 -0.62	49.09 4.16 -4.49	67.45 4.60 -22.51	73.02 4.87 -25.42	84.70 5.44 -32.75	61.20 4.88 -9.81	44.89 3.25 0.00	41.26 2.91 0.00	37.11 2.68 0.00	33.50 2.51 0.00	30.67 2.43 0.00
ROME____115KV_TB2 80656	27.47 0.85 0.00	25.21 0.76 0.00	23.65 0.69 0.00	22.38 0.63 0.00	21.89 0.58 0.00	23.32 0.66 0.00	25.48 0.84 0.00	28.19 0.79 0.00	31.26 0.85 0.00	33.27 0.94 0.00	33.73 0.98 0.00	35.96 1.28 0.00	39.16 1.29 0.00	41.63 1.45 0.00	41.72 1.29 0.00	42.08 1.25 -0.50	44.59 1.28 -0.59	48.84 1.58 -0.74	48.46 1.95 0.00	43.35 1.71 0.00	39.91 1.57 0.00	35.76 1.34 0.00	32.08 1.08 0.00	29.14 0.90 0.00
ROSETON__1 23587	28.35 1.73 0.00	25.99 1.54 0.00	24.41 1.45 0.00	23.10 1.35 0.00	22.68 1.37 0.00	24.00 1.34 0.00	26.07 1.43 0.00	29.26 1.86 0.00	32.44 2.04 0.00	34.69 2.17 -0.19	34.75 2.00 0.00	37.36 2.22 -0.47	40.55 2.54 -0.14	42.85 2.61 -0.06	43.75 2.87 -0.45	54.94 3.15 -11.45	59.46 3.33 -13.40	67.34 3.77 -17.06	59.70 3.44 -9.75	43.81 2.16 0.00	40.30 1.95 0.00	36.28 1.86 0.00	32.82 1.83 0.00	29.76 1.52 0.00
ROSETON__2 23588	28.35 1.73 0.00	25.99 1.54 0.00	24.41 1.45 0.00	23.10 1.35 0.00	22.68 1.37 0.00	24.00 1.34 0.00	26.07 1.43 0.00	29.26 1.86 0.00	32.44 2.04 0.00	34.69 2.17 -0.19	34.75 2.00 0.00	37.36 2.22 -0.47	40.55 2.54 -0.14	42.85 2.61 -0.06	43.75 2.87 -0.45	54.94 3.15 -11.45	59.46 3.33 -13.40	67.34 3.77 -17.06	59.70 3.44 -9.75	43.81 2.16 0.00	40.30 1.95 0.00	36.28 1.86 0.00	32.82 1.83 0.00	29.76 1.52 0.00
ROTTTRDAM_115KV_TB3 80664	27.95 1.33 0.00	25.62 1.17 0.00	24.11 1.15 0.00	22.81 1.07 0.00	22.36 1.04 0.00	23.78 1.11 0.00	25.83 1.18 0.00	28.77 1.37 0.00	31.93 1.52 0.00	34.39 1.62 -0.44	34.32 1.57 0.00	37.94 1.77 -1.50	40.14 1.93 -0.33	42.33 2.01 -0.14	43.37 1.90 -1.04	58.98 1.98 -16.67	64.23 2.09 -19.41	73.68 2.42 -24.75	82.39 2.60 -33.27	43.52 1.87 0.00	40.18 1.84 0.00	36.07 1.65 0.00	32.45 1.46 0.00	29.57 1.33 0.00
RUSSELL__1 23602	26.94 0.32 0.00	24.69 0.24 0.00	23.05 0.09 0.00	21.79 0.04 0.00	21.33 0.02 0.00	22.78 0.11 0.00	24.94 0.30 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.37 0.03 0.00	33.14 0.39 0.00	34.78 0.07 -0.04	37.80 -0.08 0.00	40.22 0.04 0.00	40.51 0.08 0.00	41.48 -0.04 -1.18	44.12 0.00 -1.39	49.21 0.93 -1.77	48.37 0.79 -1.07	42.89 1.25 0.00	39.34 1.00 0.00	35.11 0.69 0.00	31.64 0.65 0.00	28.78 0.54 0.00
RUSSELL__2 23532	26.94 0.32 0.00	24.69 0.24 0.00	23.05 0.09 0.00	21.79 0.04 0.00	21.33 0.02 0.00	22.78 0.11 0.00	24.94 0.30 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.37 0.03 0.00	33.14 0.39 0.00	34.78 0.07 -0.04	37.80 -0.08 0.00	40.22 0.04 0.00	40.51 0.08 0.00	41.48 -0.04 -1.18	44.12 0.00 -1.39	49.21 0.93 -1.77	48.37 0.79 -1.07	42.89 1.25 0.00	39.34 1.00 0.00	35.11 0.69 0.00	31.64 0.65 0.00	28.78 0.54 0.00
RUSSELL__3 23549	26.94 0.32 0.00	24.69 0.24 0.00	23.05 0.09 0.00	21.79 0.04 0.00	21.33 0.02 0.00	22.78 0.11 0.00	24.94 0.30 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.37 0.03 0.00	33.14 0.39 0.00	34.78 0.07 -0.04	37.80 -0.08 0.00	40.22 0.04 0.00	40.51 0.08 0.00	41.48 -0.04 -1.18	44.12 0.00 -1.39	49.21 0.93 -1.77	48.37 0.79 -1.07	42.89 1.25 0.00	39.34 1.00 0.00	35.11 0.69 0.00	31.64 0.65 0.00	28.78 0.54 0.00

RUSSELL___4 23556	26.94 0.32 0.00	24.69 0.24 0.00	23.05 0.09 0.00	21.79 0.04 0.00	21.33 0.02 0.00	22.78 0.11 0.00	24.94 0.30 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.37 0.03 0.00	33.14 0.39 0.00	34.78 0.07 -0.04	37.80 -0.08 0.00	40.22 0.04 0.00	40.51 0.08 0.00	41.48 -0.04 -0.18	44.12 0.00 -0.13	49.21 0.93 -0.17	48.37 0.79 -0.10	42.89 1.25 0.00	39.34 1.00 0.00	35.11 0.69 0.00	31.64 0.65 0.00	28.78 0.54 0.00
RUSSELL___STATION 23914	26.94 0.32 0.00	24.69 0.24 0.00	23.05 0.09 0.00	21.79 0.04 0.00	21.33 0.02 0.00	22.78 0.11 0.00	24.94 0.30 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.37 0.03 0.00	33.14 0.39 0.00	34.78 0.07 -0.04	37.80 -0.08 0.00	40.22 0.04 0.00	40.51 0.08 0.00	41.48 -0.04 -0.18	44.12 0.00 -0.13	49.21 0.93 -0.17	48.37 0.79 -0.10	42.89 1.25 0.00	39.34 1.00 0.00	35.11 0.69 0.00	31.64 0.65 0.00	28.78 0.54 0.00
S SALMON___HYD 24043	26.40 -0.21 0.00	24.25 -0.20 0.00	22.76 -0.21 0.00	21.55 -0.20 0.00	21.08 -0.23 0.00	22.46 -0.20 0.00	24.47 -0.17 0.00	27.18 -0.22 0.00	30.20 -0.21 0.00	32.07 -0.26 0.00	32.49 -0.26 0.00	34.43 -0.24 0.00	37.49 -0.38 0.00	39.86 -0.32 0.00	39.86 -0.57 0.00	40.43 -0.60 -0.69	42.73 -0.81 -0.82	46.90 -0.65 -0.10	46.14 -0.37 0.00	41.43 -0.21 0.00	38.15 -0.19 0.00	34.28 -0.14 0.00	30.87 -0.12 0.00	28.21 -0.03 0.00
S.PERRY___115KV_TB1 80734	27.68 1.06 0.00	25.38 0.93 0.00	23.65 0.69 0.00	22.36 0.61 0.00	21.89 0.58 0.00	23.44 0.77 0.00	25.68 1.04 0.00	28.19 0.79 0.00	31.17 0.76 0.00	31.98 -0.36 0.00	32.62 -0.13 0.00	33.97 -0.76 -0.06	36.74 -1.14 0.00	38.93 -1.25 0.00	39.38 -1.05 0.00	41.02 -0.97 -0.15	43.86 -0.81 -0.15	49.03 0.05 -0.24	48.82 0.70 -0.16	43.14 1.50 0.00	39.72 1.38 0.00	35.49 1.07 0.00	32.70 1.70 0.00	29.74 1.50 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.48 -0.13 0.00	24.30 -0.15 0.00	22.60 -0.37 0.00	21.38 -0.37 0.00	20.93 -0.38 0.00	22.37 -0.29 0.00	24.50 -0.15 0.00	26.74 -0.66 0.00	29.65 -0.76 0.00	31.30 -1.03 0.00	32.13 -0.62 0.00	33.48 -1.25 -0.06	36.32 -1.55 0.00	38.61 -1.57 0.00	39.10 -1.33 0.00	40.42 -1.45 -0.15	43.12 -1.41 -0.18	48.43 -0.37 -0.22	47.56 -0.42 -0.14	41.72 0.08 0.00	38.27 -0.08 0.00	34.28 -0.14 0.00	30.96 -0.03 0.00	28.21 -0.03 0.00
SAWYER___23_KV_LOAD 55526	26.48 -0.13 0.00	24.30 -0.15 0.00	22.60 -0.37 0.00	21.38 -0.37 0.00	20.93 -0.38 0.00	22.37 -0.29 0.00	24.50 -0.15 0.00	26.74 -0.66 0.00	29.65 -0.76 0.00	31.30 -1.03 0.00	32.13 -0.62 0.00	33.48 -1.25 -0.06	36.32 -1.55 0.00	38.61 -1.57 0.00	39.10 -1.33 0.00	40.42 -1.45 -0.15	43.12 -1.41 -0.18	48.43 -0.37 -0.22	47.56 -0.42 -0.14	41.72 0.08 0.00	38.27 -0.08 0.00	34.28 -0.14 0.00	30.96 -0.03 0.00	28.21 -0.03 0.00
SELKIRK___I 23801	27.87 1.25 0.00	25.57 1.13 0.00	24.06 1.10 0.00	22.77 1.02 0.00	22.31 1.00 0.00	23.73 1.07 0.00	25.76 1.11 0.00	28.63 1.23 0.00	31.78 1.37 0.00	34.19 1.42 -0.43	34.09 1.34 0.00	36.92 1.35 -0.90	39.68 1.48 -0.33	41.85 1.53 -0.14	42.88 1.41 -0.10	57.44 1.41 -0.15	62.43 1.45 -0.18	71.47 1.67 -0.23	66.48 1.86 -0.18	42.93 1.29 0.00	39.65 1.30 0.00	35.87 1.45 0.00	32.26 1.27 0.00	29.29 1.05 0.00
SELKIRK___II 23799	27.68 1.07 0.00	25.40 0.95 0.00	23.88 0.92 0.00	22.62 0.87 0.00	22.16 0.85 0.00	23.55 0.88 0.00	25.56 0.91 0.00	28.44 1.04 0.00	31.56 1.16 0.00	34.02 1.23 -0.46	33.86 1.11 0.00	36.62 1.01 -0.94	39.36 1.14 -0.35	41.50 1.17 -0.15	42.70 1.17 -0.10	57.57 1.21 -0.16	62.56 1.19 -0.18	71.69 1.39 -0.23	66.86 1.44 -0.18	42.47 0.83 0.00	39.23 0.88 0.00	35.59 1.17 0.00	32.08 1.08 0.00	29.09 0.85 0.00
SENECA OSWGO___HYD 24041	26.19 -0.43 0.00	24.06 -0.39 0.00	22.57 -0.39 0.00	21.38 -0.37 0.00	20.95 -0.36 0.00	22.30 -0.36 0.00	24.28 -0.37 0.00	26.93 -0.47 0.00	29.98 -0.43 0.00	31.85 -0.48 0.00	32.32 -0.43 0.00	34.19 -0.49 0.00	37.31 -0.57 0.00	39.62 -0.56 0.00	39.66 -0.77 0.00	40.39 -0.72 -0.78	42.87 -0.77 -0.92	47.07 -0.61 -0.16	46.09 -0.42 0.00	41.31 -0.33 0.00	38.00 -0.35 0.00	34.04 -0.38 0.00	30.65 -0.34 0.00	28.07 -0.17 0.00
SENECA___115KV_TB3 355854	26.78 0.16 0.00	24.55 0.10 0.00	22.82 -0.14 0.00	21.60 -0.15 0.00	21.14 -0.17 0.00	22.60 -0.07 0.00	24.77 0.12 0.00	27.04 -0.36 0.00	30.01 -0.40 0.00	31.69 -0.65 0.00	32.55 -0.20 0.00	34.01 -0.73 -0.06	36.85 -1.02 0.00	39.22 -0.96 0.00	39.66 -0.77 0.00	40.93 -1.01 -0.16	43.72 -0.90 -0.18	49.00 0.09 -0.24	48.29 0.23 -0.15	42.27 0.62 0.00	38.69 0.35 0.00	34.73 0.31 0.00	31.36 0.37 0.00	28.55 0.31 0.00
SENECA___ENERGY 23797	26.70 0.08 0.00	24.52 0.07 0.00	22.92 -0.05 0.00	21.71 -0.04 0.00	21.25 -0.06 0.00	22.71 0.05 0.00	24.79 0.15 0.00	27.40 0.00 0.00	30.56 0.15 0.00	32.43 0.10 0.00	33.11 0.36 0.00	34.93 0.21 -0.05	37.99 0.11 0.00	40.38 0.20 0.00	40.43 0.00 0.00	41.57 0.00 -0.12	44.14 -0.04 -0.14	48.82 0.47 -0.15	48.42 0.74 -0.17	42.47 0.83 0.00	39.07 0.73 0.00	34.84 0.41 0.00	31.39 0.40 0.00	28.92 0.68 0.00
SHOEMAKER___GT 23640	28.16 1.54 0.00	25.82 1.37 0.00	24.25 1.29 0.00	22.97 1.22 0.00	22.50 1.19 0.00	23.84 1.18 0.00	25.90 1.26 0.00	28.93 1.53 0.00	32.08 1.67 0.00	32.47 1.74 1.61	34.32 1.57 0.00	36.06 1.73 0.34	38.69 2.04 1.22	41.78 2.13 0.52	38.94 2.34 3.83	41.50 2.58 1.42	44.81 2.78 0.69	48.34 3.12 1.28	58.09 2.88 -0.70	43.52 1.88 0.00	40.03 1.69 0.00	36.01 1.58 0.00	32.57 1.58 0.00	29.57 1.33 0.00
SHOEMAKR_138KV_BK 111 55601	28.16 1.54 0.00	25.82 1.37 0.00	24.25 1.29 0.00	22.94 1.20 0.00	22.48 1.17 0.00	23.85 1.18 0.00	25.90 1.26 0.00	28.90 1.51 0.00	32.08 1.67 0.00	32.59 1.78 1.52	34.35 1.60 0.00	36.10 1.73 0.31	38.80 2.08 1.16	41.85 2.17 0.50	39.18 2.39 3.63	42.01 2.62 0.95	45.36 2.82 0.19	49.05 3.16 0.62	58.06 2.93 -0.82	43.52 1.87 0.00	40.07 1.73 0.00	36.07 1.65 0.00	32.57 1.58 0.00	29.76 1.52 0.00
SHOREHAM_IC_1 23715	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	25.00 2.34 0.00	27.32 2.66 -0.02	36.74 3.95 -5.40	43.75 4.23 -9.12	46.88 4.46 -10.08	87.49 3.96 -50.78	121.35 4.44 -82.24	209.56 5.08 -166.61	273.10 4.90 -228.02	240.41 4.65 -195.33	240.41 4.32 -195.76	266.69 4.62 -219.34	130.41 5.86 -78.04	131.30 5.63 -79.17	116.98 4.00 -71.34	60.64 3.64 -18.65	44.39 3.16 -6.80	39.10 3.22 -4.88	39.09 2.80 -8.05
SHOREHAM_IC_2 23716	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	25.00 2.34 0.00	27.32 2.66 -0.02	36.74 3.95 -5.40	43.75 4.23 -9.12	46.88 4.46 -10.08	87.49 3.96 -50.78	121.35 4.44 -82.24	209.56 5.08 -166.61	273.10 4.90 -228.02	240.41 4.65 -195.33	240.41 4.32 -195.76	266.69 4.62 -219.34	130.41 5.86 -78.04	131.30 5.63 -79.17	116.98 4.00 -71.34	60.64 3.64 -18.65	44.39 3.16 -6.80	39.10 3.22 -4.88	39.09 2.80 -8.05

SISSONVILLE____ 23735	25.26 -1.36 0.00	23.28 -1.17 0.00	21.86 -1.10 0.00	20.68 -1.07 0.00	20.22 -1.09 0.00	21.58 -1.09 0.00	23.51 -1.13 0.00	26.05 -1.34 0.00	28.86 -1.55 0.00	30.75 -1.58 0.00	31.21 -1.54 0.00	33.18 -1.49 0.00	36.17 -1.70 0.00	38.41 -1.77 0.00	38.45 -1.98 0.00	38.00 -2.34 0.00	40.33 -2.39 0.00	43.49 -3.02 0.00	43.58 -2.93 0.00	39.81 -1.83 0.00	36.66 -1.69 0.00	32.94 -1.48 0.00	29.47 -1.52 0.00	26.77 -1.47 0.00
SITHE_IND_GS1 24169	25.87 -0.75 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.71 -0.60 0.00	22.06 -0.61 0.00	23.98 -0.66 0.00	26.60 -0.80 0.00	29.52 -0.88 0.00	31.39 -0.94 0.00	31.87 -0.88 0.00	33.70 -0.97 0.00	36.77 -1.10 0.00	39.05 -1.12 0.00	39.22 -1.21 0.00	39.74 -1.21 -0.61	42.17 -1.28 -0.73	46.22 -1.21 -0.92	45.35 -1.16 0.00	40.69 -0.96 0.00	37.42 -0.92 0.00	33.53 -0.90 0.00	30.22 -0.77 0.00	27.65 -0.59 0.00
SITHE_IND_GS2 24170	25.87 -0.75 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.71 -0.60 0.00	22.06 -0.61 0.00	23.98 -0.66 0.00	26.60 -0.80 0.00	29.52 -0.88 0.00	31.39 -0.94 0.00	31.87 -0.88 0.00	33.70 -0.97 0.00	36.77 -1.10 0.00	39.05 -1.12 0.00	39.22 -1.21 0.00	39.74 -1.21 -0.61	42.17 -1.28 -0.73	46.22 -1.21 -0.92	45.35 -1.16 0.00	40.69 -0.96 0.00	37.42 -0.92 0.00	33.53 -0.90 0.00	30.22 -0.77 0.00	27.65 -0.59 0.00
SITHE_IND_GS3 24171	25.87 -0.75 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.71 -0.60 0.00	22.06 -0.61 0.00	23.98 -0.66 0.00	26.60 -0.80 0.00	29.52 -0.88 0.00	31.39 -0.94 0.00	31.87 -0.88 0.00	33.70 -0.97 0.00	36.77 -1.10 0.00	39.05 -1.12 0.00	39.22 -1.21 0.00	39.74 -1.21 -0.61	42.17 -1.28 -0.73	46.22 -1.21 -0.92	45.35 -1.16 0.00	40.69 -0.96 0.00	37.42 -0.92 0.00	33.53 -0.90 0.00	30.22 -0.77 0.00	27.65 -0.59 0.00
SITHE_IND_GS4 24172	25.87 -0.75 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.71 -0.60 0.00	22.06 -0.61 0.00	23.98 -0.66 0.00	26.60 -0.80 0.00	29.52 -0.88 0.00	31.39 -0.94 0.00	31.87 -0.88 0.00	33.70 -0.97 0.00	36.77 -1.10 0.00	39.05 -1.12 0.00	39.22 -1.21 0.00	39.74 -1.21 -0.61	42.17 -1.28 -0.73	46.22 -1.21 -0.92	45.35 -1.16 0.00	40.69 -0.96 0.00	37.42 -0.92 0.00	33.53 -0.90 0.00	30.22 -0.77 0.00	27.65 -0.59 0.00
SITHE____BATAVIA 24024	27.12 0.50 0.00	24.84 0.39 0.00	23.15 0.18 0.00	21.90 0.15 0.00	21.40 0.09 0.00	22.92 0.25 0.00	25.11 0.47 0.00	27.26 -0.14 0.00	30.47 0.06 0.00	32.17 -0.16 0.00	33.17 0.42 0.00	34.58 -0.14 -0.05	37.38 -0.49 0.00	39.78 -0.40 0.00	40.03 -0.40 0.00	41.09 -0.60 -1.35	43.81 -0.51 -1.60	49.19 0.65 -2.03	48.40 0.60 -1.28	43.10 1.46 0.00	39.49 1.15 0.00	35.18 0.76 0.00	31.83 0.84 0.00	29.96 1.72 0.00
SITHE____INDEPEND 23800	25.87 -0.75 0.00	23.79 -0.66 0.00	22.32 -0.64 0.00	21.16 -0.59 0.00	20.71 -0.60 0.00	22.05 -0.61 0.00	23.98 -0.67 0.00	26.63 -0.77 0.00	29.52 -0.88 0.00	31.40 -0.94 0.00	31.86 -0.88 0.00	33.70 -0.97 0.00	36.77 -1.10 0.00	39.05 -1.13 0.00	39.22 -1.21 0.00	39.74 -1.21 -0.61	42.16 -1.28 -0.72	46.22 -1.21 -0.91	45.35 -1.16 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.53 -0.89 0.00	30.19 -0.81 0.00	27.51 -0.73 0.00
SITHE____MASSENA 23902	25.92 -0.69 0.00	23.89 -0.56 0.00	22.41 -0.55 0.00	21.21 -0.54 0.00	20.78 -0.53 0.00	22.12 -0.54 0.00	24.08 -0.57 0.00	26.71 -0.68 0.00	29.59 -0.82 0.00	31.53 -0.81 0.00	31.96 -0.79 0.00	33.91 -0.76 0.00	37.04 -0.83 0.00	39.30 -0.88 0.00	39.42 -1.01 0.00	39.04 -1.29 0.00	41.45 -1.28 0.00	44.74 -1.77 0.00	44.74 -1.77 0.00	40.73 -0.92 0.00	37.50 -0.84 0.00	33.70 -0.72 0.00	30.22 -0.77 0.00	27.48 -0.76 0.00
SITHE____OGDNSBRG 24021	25.98 -0.64 0.00	23.94 -0.51 0.00	22.46 -0.51 0.00	21.25 -0.50 0.00	20.78 -0.53 0.00	22.17 -0.50 0.00	24.18 -0.47 0.00	26.71 -0.68 0.00	29.59 -0.82 0.00	31.56 -0.78 0.00	32.00 -0.75 0.00	34.05 -0.62 0.00	37.08 -0.80 0.00	39.42 -0.76 0.00	39.42 -1.01 0.00	38.96 -1.37 0.00	41.36 -1.37 0.00	44.60 -1.91 0.00	44.70 -1.81 0.00	40.85 -0.79 0.00	37.61 -0.73 0.00	33.80 -0.62 0.00	30.28 -0.71 0.00	27.51 -0.73 0.00
SITHE____STERLING 23777	27.28 0.67 0.00	25.06 0.61 0.00	23.51 0.55 0.00	22.27 0.52 0.00	21.78 0.47 0.00	23.21 0.54 0.00	25.31 0.67 0.00	28.03 0.63 0.00	31.14 0.73 0.00	33.08 0.74 0.00	33.57 0.82 0.00	35.71 1.04 0.00	38.93 1.06 0.00	41.35 1.17 0.00	41.44 1.01 0.00	41.91 1.01 -0.57	44.47 1.07 -0.67	48.71 1.35 -0.85	48.14 1.63 0.00	43.06 1.42 0.00	39.65 1.30 0.00	35.52 1.10 0.00	31.89 0.90 0.00	29.06 0.82 0.00
SLEIGHT__34_KV_TB1 80719	27.34 0.72 0.00	25.11 0.66 0.00	23.47 0.51 0.00	22.21 0.46 0.00	21.74 0.43 0.00	23.28 0.61 0.00	25.43 0.79 0.00	28.19 0.79 0.00	31.44 1.03 0.00	33.37 1.03 0.00	34.06 1.31 0.00	36.03 1.32 -0.04	39.27 1.40 0.00	41.75 1.57 0.00	41.60 1.17 0.00	42.63 1.13 -1.17	45.30 1.20 -1.38	50.03 1.77 -1.75	49.63 2.05 -1.07	43.72 2.08 0.00	40.18 1.84 0.00	35.83 1.41 0.00	32.14 1.15 0.00	29.23 0.99 0.00
SOUTH CAIRO____GT 23612	28.75 2.13 0.00	26.31 1.86 0.00	24.71 1.74 0.00	23.40 1.65 0.00	22.87 1.55 0.00	24.30 1.63 0.00	26.42 1.78 0.00	28.87 1.48 0.00	32.05 1.64 0.00	34.50 1.81 -0.35	34.19 1.44 0.00	37.09 1.60 -0.83	40.19 2.04 -0.27	42.34 2.05 -0.12	42.97 1.70 -0.84	56.55 1.62 -14.60	61.45 1.71 -17.01	70.15 1.95 -21.69	65.86 2.28 -17.07	43.47 1.83 0.00	40.22 1.88 0.00	36.56 2.13 0.00	32.94 1.95 0.00	29.91 1.67 0.00
SOUTH HAMPTN____IC 23720	38.58 3.73 -8.23	34.70 3.35 -6.90	28.64 3.12 -2.55	24.71 2.96 0.00	24.31 2.98 -0.02	25.55 2.88 0.00	27.97 3.30 -0.02	37.39 4.60 -5.40	44.45 5.08 -8.97	47.66 5.43 -9.90	116.34 5.01 -78.58	119.28 5.58 -79.03	204.28 6.25 -160.16	265.88 6.47 -219.23	234.76 6.59 -187.74	235.42 6.25 -188.83	260.90 6.58 -211.60	128.44 7.58 -74.34	124.42 7.30 -70.60	112.70 5.41 -65.65	61.27 4.91 -18.02	45.22 4.27 -6.53	39.99 4.18 -4.82	40.01 3.67 -8.10
SOUTHDOW_115KV_TB1 355954	27.42 0.80 0.00	25.16 0.71 0.00	23.35 0.39 0.00	22.10 0.35 0.00	21.61 0.30 0.00	23.19 0.52 0.00	25.51 0.86 0.00	27.94 0.55 0.00	31.08 0.67 0.00	32.88 0.55 0.00	33.83 1.08 0.00	35.36 0.62 -0.07	38.25 0.38 0.00	40.62 0.44 0.00	41.00 0.57 0.00	42.19 0.12 -1.73	44.90 0.13 -2.04	50.18 1.07 -2.60	49.79 1.58 -1.70	43.43 1.79 0.00	39.68 1.34 0.00	35.83 1.41 0.00	32.32 1.33 0.00	29.40 1.16 0.00
SOUTHOLD_69_KV_BK 2 55809	39.35 4.50 -8.23	35.39 4.03 -6.90	29.26 3.74 -2.55	25.32 3.57 0.00	24.89 3.56 -0.02	26.16 3.49 0.00	28.63 3.97 -0.02	38.11 5.31 -5.40	45.40 6.02 -8.97	48.74 6.50 -9.91	119.21 6.29 -80.18	120.60 6.87 -79.06	144.89 7.65 -99.37	267.42 7.92 -219.33	236.34 8.09 -187.82	236.91 7.66 -188.91	262.44 8.03 -211.68	116.79 9.49 -60.79	126.44 9.16 -70.77	114.43 7.04 -65.75	62.65 6.29 -18.02	46.50 5.54 -6.53	41.02 5.21 -4.82	41.18 4.83 -8.11

SOUTHOLD___IC 23719	39.35 4.50 -8.23	35.38 4.03 -6.90	29.26 3.74 -2.55	25.32 3.57 0.00	24.89 3.56 -0.02	26.16 3.49 0.00	28.63 3.97 -0.02	38.16 5.37 -5.40	45.40 6.02 -8.97	48.71 6.47 -9.91	119.12 6.19 -80.18	120.67 6.94 -79.06	205.75 7.65 -160.23	267.42 7.92 -219.33	236.34 8.09 -187.82	236.91 7.67 -188.91	262.44 8.03 -211.68	130.51 9.49 -74.51	126.44 9.16 -70.76	114.38 6.99 -65.75	62.65 6.29 -18.02	46.43 5.47 -6.53	41.02 5.21 -4.82	40.95 4.60 -8.11
SPIERFLS_115KV_TB 1 80737	28.29 1.68 0.00	25.94 1.49 0.00	24.39 1.42 0.00	23.03 1.28 0.00	22.57 1.26 0.00	24.09 1.43 0.00	26.17 1.53 0.00	29.12 1.73 0.00	32.38 1.98 0.00	34.89 2.10 -0.45	34.84 2.10 0.00	38.51 2.39 -1.44	40.68 2.46 -0.34	42.82 2.49 -0.15	43.53 2.02 -1.08	58.91 1.98 -16.60	64.26 2.22 -19.32	73.66 2.51 -24.64	81.33 3.21 -31.61	44.10 2.46 0.00	40.99 2.65 0.00	36.69 2.27 0.00	32.82 1.83 0.00	29.79 1.55 0.00
ST LAWRENCE____ 23600	25.82 -0.80 0.00	23.74 -0.71 0.00	22.30 -0.67 0.00	21.12 -0.63 0.00	20.69 -0.62 0.00	22.03 -0.63 0.00	23.96 -0.69 0.00	26.60 -0.80 0.00	29.50 -0.91 0.00	31.39 -0.94 0.00	31.83 -0.92 0.00	33.70 -0.97 0.00	36.85 -1.02 0.00	39.10 -1.08 0.00	39.26 -1.17 0.00	39.01 -1.33 0.00	41.36 -1.37 0.00	44.70 -1.81 0.00	44.65 -1.86 0.00	40.52 -1.12 0.00	37.27 -1.07 0.00	33.49 -0.93 0.00	30.09 -0.90 0.00	27.34 -0.90 0.00
STATE_CA_115KV_115_LB 55624	27.79 1.17 0.00	25.50 1.05 0.00	23.97 1.01 0.00	22.68 0.94 0.00	22.23 0.92 0.00	23.64 0.97 0.00	25.66 1.01 0.00	28.55 1.15 0.00	31.71 1.31 0.00	34.22 1.42 -0.47	34.06 1.31 0.00	37.36 1.53 -1.16	39.86 1.63 -0.36	42.02 1.69 -0.15	43.12 1.58 -1.12	58.28 1.61 -16.33	63.42 1.71 -18.99	72.69 1.95 -24.23	72.94 2.09 -24.34	43.02 1.37 0.00	39.72 1.38 0.00	35.66 1.24 0.00	32.20 1.21 0.00	29.34 1.10 0.00
STATE_ST_34_KV_LOAD 55959	27.15 0.53 0.00	24.96 0.51 0.00	23.35 0.39 0.00	22.10 0.35 0.00	21.65 0.34 0.00	23.12 0.45 0.00	25.19 0.54 0.00	27.92 0.52 0.00	31.08 0.67 0.00	33.01 0.68 0.00	33.60 0.85 0.00	35.31 0.59 -0.05	38.48 0.61 0.00	40.90 0.72 0.00	41.24 0.81 0.00	42.34 0.77 -1.23	44.99 0.81 -1.45	49.61 1.26 -1.85	49.24 1.58 -1.15	43.10 1.46 0.00	39.68 1.34 0.00	35.42 1.00 0.00	31.83 0.84 0.00	29.00 0.76 0.00
STATION 5_MISC_HYD 23604	26.78 0.16 0.00	24.55 0.10 0.00	22.92 -0.05 0.00	21.71 -0.04 0.00	21.23 -0.08 0.00	22.67 0.00 0.00	24.82 0.17 0.00	27.21 -0.19 0.00	30.41 0.00 0.00	32.20 -0.13 0.00	33.08 0.33 0.00	34.61 -0.10 -0.04	37.53 -0.34 0.00	39.94 -0.24 0.00	40.19 -0.24 0.00	41.23 -0.28 -1.18	43.86 -0.25 -1.39	48.87 0.60 -1.76	48.06 0.47 -1.08	42.64 1.00 0.00	39.11 0.77 0.00	34.87 0.45 0.00	31.49 0.49 0.00	29.31 1.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.86 0.24 0.00	24.62 0.17 0.00	23.01 0.05 0.00	21.77 0.02 0.00	21.31 0.00 0.00	22.78 0.11 0.00	24.92 0.27 0.00	27.56 0.16 0.00	30.68 0.27 0.00	32.49 0.16 0.00	33.21 0.46 0.00	34.99 0.28 -0.04	38.06 0.19 0.00	40.50 0.32 0.00	40.59 0.16 0.00	41.60 0.08 -1.18	44.21 0.09 -1.39	49.07 0.79 -1.77	48.42 0.84 -1.08	42.81 1.17 0.00	39.26 0.92 0.00	35.07 0.65 0.00	31.58 0.59 0.00	28.72 0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.62 0.00 0.00	24.40 -0.05 0.00	22.78 -0.18 0.00	21.55 -0.20 0.00	21.10 -0.21 0.00	22.53 -0.14 0.00	24.67 0.02 0.00	27.20 -0.19 0.00	30.28 -0.12 0.00	32.04 -0.29 0.00	32.78 0.03 0.00	34.47 -0.24 -0.04	37.46 -0.42 0.00	39.86 -0.32 0.00	40.07 -0.36 0.00	41.06 -0.44 -1.17	43.68 -0.43 -1.38	48.64 0.37 -1.75	47.80 0.23 -1.06	42.35 0.71 0.00	38.84 0.50 0.00	34.66 0.24 0.00	31.24 0.25 0.00	28.41 0.17 0.00
STA_56___34_KV_BUS2 355983	26.62 0.00 0.00	24.40 -0.05 0.00	22.78 -0.18 0.00	21.55 -0.20 0.00	21.10 -0.21 0.00	22.53 -0.14 0.00	24.67 0.02 0.00	27.20 -0.19 0.00	30.28 -0.12 0.00	32.04 -0.29 0.00	32.78 0.03 0.00	34.47 -0.24 -0.04	37.46 -0.42 0.00	39.86 -0.32 0.00	40.07 -0.36 0.00	41.06 -0.44 -1.17	43.68 -0.43 -1.38	48.64 0.37 -1.75	47.80 0.23 -1.06	42.35 0.71 0.00	38.84 0.50 0.00	34.66 0.24 0.00	31.24 0.25 0.00	28.41 0.17 0.00
STA_67___115KV_BK2 355882	26.72 0.11 0.00	24.50 0.05 0.00	22.87 -0.09 0.00	21.62 -0.13 0.00	21.18 -0.13 0.00	22.62 -0.05 0.00	24.74 0.10 0.00	27.26 -0.14 0.00	30.32 -0.09 0.00	32.04 -0.29 0.00	32.81 0.07 0.00	34.44 -0.28 -0.04	37.42 -0.45 0.00	39.78 -0.40 0.00	40.11 -0.32 0.00	41.11 -0.40 -1.18	43.73 -0.38 -1.39	48.74 0.47 -1.77	47.91 0.33 -1.07	42.43 0.79 0.00	38.92 0.58 0.00	34.77 0.34 0.00	31.33 0.34 0.00	28.52 0.28 0.00
STA_7___115KV_9TRANS 80674	26.94 0.32 0.00	24.69 0.24 0.00	23.05 0.09 0.00	21.79 0.04 0.00	21.33 0.02 0.00	22.78 0.11 0.00	24.94 0.30 0.00	27.51 0.11 0.00	30.59 0.18 0.00	32.37 0.03 0.00	33.14 0.39 -0.04	34.78 0.07 0.00	37.80 -0.08 0.00	40.22 0.04 0.00	40.51 0.08 0.00	41.48 -0.04 -1.18	44.12 0.00 -1.39	49.21 0.93 -1.77	48.37 0.79 -1.07	42.89 1.25 0.00	39.34 1.00 0.00	35.11 0.69 0.00	31.64 0.65 0.00	28.78 0.54 0.00
STA_82___115KV_TB1 80780	26.75 0.13 0.00	24.50 0.05 0.00	22.89 -0.07 0.00	21.64 -0.11 0.00	21.18 -0.13 0.00	22.62 -0.05 0.00	24.77 0.12 0.00	27.29 -0.11 0.00	30.35 -0.06 0.00	32.07 -0.26 0.00	32.85 0.10 0.00	34.44 -0.28 -0.04	37.42 -0.45 0.00	39.82 -0.36 0.00	40.11 -0.32 0.00	41.16 -0.36 -1.19	43.78 -0.34 -1.40	48.80 0.51 -1.78	47.96 0.37 -1.08	42.47 0.83 0.00	38.96 0.61 0.00	34.80 0.38 0.00	31.36 0.37 0.00	28.55 0.31 0.00
STEEL___WIND 323596	26.75 0.13 0.00	24.52 0.07 0.00	22.80 -0.16 0.00	21.62 -0.13 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.77 0.12 0.00	26.79 -0.60 0.00	29.98 -0.43 0.00	31.72 -0.62 0.00	32.75 0.00 -0.06	34.07 -0.66 0.00	36.81 -1.06 0.00	39.13 -1.04 0.00	39.54 -0.89 0.00	40.84 -1.09 -1.59	43.67 -0.94 -1.88	48.94 0.05 -2.39	48.25 0.19 -1.55	42.31 0.66 0.00	38.77 0.42 0.00	34.66 0.24 0.00	31.39 0.40 0.00	29.65 1.41 0.00
STEPHTWN_115KV_BK_2 55603	27.92 1.30 0.00	25.60 1.15 0.00	24.09 1.13 0.00	22.77 1.02 0.00	22.33 1.02 0.00	23.75 1.09 0.00	25.80 1.16 0.00	28.71 1.32 0.00	31.87 1.46 0.00	34.39 1.58 -0.47	34.26 1.51 0.00	37.48 1.77 -1.04	40.05 1.82 -0.36	42.22 1.89 -0.15	43.38 1.82 -1.13	58.41 1.90 -16.18	63.59 2.05 -18.81	72.79 2.28 -24.00	70.34 2.56 -21.27	43.43 1.79 0.00	40.11 1.76 0.00	36.00 1.58 0.00	32.51 1.52 0.00	29.60 1.36 0.00
STEUBEN_REC_LFGE 323667	27.42 0.80 0.00	25.18 0.73 0.00	23.44 0.48 0.00	22.18 0.43 0.00	21.72 0.40 0.00	23.28 0.61 0.00	25.51 0.86 0.00	28.05 0.66 0.00	31.20 0.79 0.00	32.88 0.55 0.00	33.70 0.95 0.00	35.38 0.62 -0.08	38.40 0.53 0.00	40.82 0.64 0.00	40.88 0.44 0.00	42.68 0.28 -2.07	45.55 0.38 -2.44	50.91 1.30 -3.10	50.46 1.86 -2.09	43.64 2.00 0.00	40.03 1.69 0.00	35.90 1.48 0.00	32.35 1.36 0.00	29.45 1.21 0.00

STONY___BROOK 24151	38.02 3.17 -8.23	34.19 2.83 -6.90	28.13 2.62 -2.55	24.21 2.46 0.00	23.80 2.47 -0.02	25.07 2.40 0.00	27.40 2.74 -0.02	36.49 3.70 -5.40	44.24 3.98 -9.85	47.42 4.14 -10.95	69.95 3.41 -33.80	138.82 3.75 -100.40	245.27 4.28 -203.12	322.38 4.46 -277.75	283.45 4.73 -238.29	279.65 4.40 -234.92	310.60 4.70 -263.18	137.84 5.72 -85.61	172.70 5.44 -120.75	145.73 3.91 -100.17	64.18 3.60 -22.23	46.03 3.27 -8.34	39.47 3.44 -5.04	38.65 2.94 -7.48
STURGEON_POOL_HYD 23609	28.43 1.81 0.00	26.06 1.61 0.00	24.45 1.49 0.00	23.18 1.44 0.00	22.72 1.41 0.00	24.00 1.34 0.00	26.05 1.40 0.00	29.04 1.64 0.00	32.20 1.79 0.00	34.54 2.10 -0.11	34.42 1.67 0.00	36.97 1.80 -0.49	40.68 2.73 -0.08	43.03 2.81 -0.03	43.80 3.11 -0.25	54.99 3.43 -11.22	59.54 3.63 -13.18	67.41 4.14 -16.76	61.14 3.30 -11.33	43.64 2.00 0.00	40.14 1.80 0.00	36.21 1.79 0.00	32.76 1.77 0.00	30.02 1.78 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.27 1.65 0.00	25.92 1.47 0.00	24.34 1.38 0.00	23.03 1.28 0.00	22.59 1.28 0.00	23.94 1.27 0.00	26.00 1.36 0.00	29.07 1.67 0.00	32.29 1.89 0.00	32.44 2.00 1.89	34.58 1.83 0.00	36.23 2.01 0.45	38.86 2.42 1.44	42.09 2.53 0.62	38.63 2.71 4.51	40.38 3.03 2.98	43.56 3.20 2.37	46.66 3.63 3.48	58.78 3.30 -8.97	43.68 2.04 0.00	40.22 1.88 0.00	36.21 1.79 0.00	32.73 1.74 0.00	29.91 1.67 0.00
SWANROAD_115KV_TB1 355699	26.14 -0.48 0.00	23.96 -0.49 0.00	22.30 -0.67 0.00	21.10 -0.65 0.00	20.65 -0.66 0.00	22.05 -0.61 0.00	24.10 -0.54 0.00	26.16 -1.23 0.00	29.01 -1.40 0.00	30.59 -1.75 0.00	31.41 -1.34 0.00	32.68 -2.05 -0.06	35.45 -2.42 0.00	37.69 -2.49 0.00	38.13 -2.30 0.00	39.39 -2.42 -1.47	42.03 -2.44 -1.73	47.27 -1.44 -2.20	46.38 -1.53 -1.40	40.85 -0.79 0.00	37.46 -0.88 0.00	33.56 -0.86 0.00	30.31 -0.68 0.00	27.62 -0.62 0.00
SYNERGY___BIOGAS 323694	27.12 0.50 0.00	24.84 0.39 0.00	23.15 0.18 0.00	21.90 0.15 0.00	21.40 0.09 0.00	22.92 0.25 0.00	25.11 0.47 0.00	27.26 -0.14 0.00	30.47 0.06 0.00	32.17 -0.16 0.00	33.17 0.42 0.00	34.58 -0.14 -0.05	37.38 -0.49 0.00	39.78 -0.40 0.00	40.03 -0.40 0.00	41.09 -0.60 -1.35	43.81 -0.51 -1.60	49.19 0.65 -2.03	48.40 0.60 -1.28	43.10 1.46 0.00	39.49 1.15 0.00	35.18 0.76 0.00	31.83 0.84 0.00	29.96 1.72 0.00
SYRACUSE___ENERGY_ST1 323597	26.64 0.03 0.00	24.47 0.02 0.00	22.94 -0.02 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.69 0.02 0.00	24.69 0.05 0.00	27.42 0.03 0.00	30.53 0.12 0.00	32.40 0.06 0.00	32.91 0.16 0.00	34.85 0.14 -0.03	38.02 0.15 0.00	40.38 0.20 0.00	40.47 0.04 0.00	41.42 0.08 -1.00	43.95 0.04 -1.18	48.29 0.28 -1.50	47.89 0.51 -0.87	42.10 0.46 0.00	38.76 0.42 0.00	34.70 0.28 0.00	31.21 0.22 0.00	28.41 0.17 0.00
SYRACUSE___ENERGY_ST2 323598	26.64 0.03 0.00	24.47 0.02 0.00	22.94 -0.02 0.00	21.73 -0.02 0.00	21.27 -0.04 0.00	22.69 0.02 0.00	24.69 0.05 0.00	27.42 0.03 0.00	30.53 0.12 0.00	32.40 0.06 0.00	32.91 0.16 0.00	34.85 0.14 -0.03	38.02 0.15 0.00	40.38 0.20 0.00	40.47 0.04 0.00	41.42 0.08 -1.00	43.95 0.04 -1.18	48.29 0.28 -1.50	47.89 0.51 -0.87	42.10 0.46 0.00	38.76 0.42 0.00	34.70 0.28 0.00	31.21 0.22 0.00	28.41 0.17 0.00
SYRACUSE___POWER 24017	26.59 -0.03 0.00	24.42 -0.02 0.00	22.89 -0.07 0.00	21.68 -0.07 0.00	21.23 -0.09 0.00	22.62 -0.05 0.00	24.62 -0.02 0.00	27.37 -0.03 0.00	30.47 0.06 0.00	32.30 -0.03 0.00	32.85 0.10 0.00	34.78 0.07 -0.04	37.95 0.08 0.00	40.30 0.12 0.00	40.39 -0.04 0.00	41.37 0.00 -1.04	43.91 -0.04 -1.22	48.29 0.23 -1.55	47.84 0.42 -0.91	42.02 0.37 0.00	38.65 0.31 0.00	34.59 0.17 0.00	31.12 0.12 0.00	28.32 0.08 0.00
TALLMAN___138KV_BK151 55660	28.48 1.86 0.00	26.14 1.69 0.00	24.52 1.56 0.00	23.21 1.46 0.00	22.76 1.45 0.00	24.12 1.45 0.00	26.20 1.55 0.00	29.40 2.00 0.00	32.63 2.22 0.00	32.07 2.39 2.66	34.91 2.16 0.00	36.23 2.32 0.77	38.62 2.76 2.02	42.21 2.89 0.87	37.29 3.19 6.33	36.28 3.59 7.64	39.17 3.85 7.40	40.77 4.33 10.07	59.61 3.81 -9.28	44.02 2.37 0.00	40.49 2.15 0.00	36.45 2.03 0.00	32.97 1.98 0.00	30.13 1.89 0.00
TEALLAVE_115KV_TB7 355573	26.48 -0.13 0.00	24.33 -0.12 0.00	22.82 -0.14 0.00	21.62 -0.13 0.00	21.16 -0.15 0.00	22.55 -0.11 0.00	24.55 -0.10 0.00	27.26 -0.14 0.00	30.38 -0.03 0.00	32.20 -0.13 0.00	32.72 -0.03 0.00	34.64 -0.03 0.00	37.80 -0.08 0.00	40.14 -0.04 0.00	40.23 -0.20 0.00	41.04 -0.16 -0.87	43.54 -0.21 -1.03	47.86 0.05 -1.30	46.70 0.19 0.00	41.81 0.17 0.00	38.46 0.12 0.00	34.46 0.03 0.00	30.96 -0.03 0.00	28.21 -0.03 0.00
TELGRAPH_34_KV_EAST 80808	26.75 0.13 0.00	24.50 0.05 0.00	22.80 -0.16 0.00	21.55 -0.20 0.00	21.10 -0.21 0.00	22.58 -0.09 0.00	24.72 0.07 0.00	26.96 -0.44 0.00	29.89 -0.52 0.00	31.52 -0.81 0.00	32.39 -0.36 0.00	33.82 -0.90 -0.05	36.70 -1.17 0.00	38.97 -1.21 0.00	39.34 -1.09 0.00	40.45 -1.29 -1.40	43.18 -1.20 -1.65	48.47 -0.14 -2.10	47.60 -0.23 -1.32	42.14 0.50 0.00	38.61 0.27 0.00	34.56 0.14 0.00	31.21 0.22 0.00	28.41 0.17 0.00
TEMPLE___115KV_TB 2 55572	26.51 -0.11 0.00	24.35 -0.10 0.00	22.82 -0.14 0.00	21.62 -0.13 0.00	21.18 -0.13 0.00	22.58 -0.09 0.00	24.57 -0.07 0.00	27.29 -0.11 0.00	30.41 0.00 0.00	32.24 -0.10 0.00	32.75 0.00 0.00	34.67 0.00 0.00	37.83 -0.04 0.00	40.18 0.00 0.00	40.27 -0.16 0.00	41.10 -0.12 -0.88	43.60 -0.17 -1.04	47.93 0.09 -1.32	46.74 0.23 0.00	41.85 0.21 0.00	38.50 0.15 0.00	34.46 0.03 0.00	30.99 0.00 0.00	28.24 0.00 0.00
TIANA___69_KV_BK 1 55817	38.36 3.51 -8.23	34.51 3.15 -6.90	28.46 2.94 -2.55	24.55 2.81 0.00	24.14 2.81 -0.02	25.39 2.72 0.00	27.77 3.11 -0.02	37.09 4.30 -5.40	44.18 4.80 -8.97	47.38 5.14 -9.90	117.42 4.78 -79.89	118.89 5.17 -79.06	143.08 5.87 -99.34	265.51 6.03 -219.31	234.42 6.19 -187.81	235.12 5.89 -188.90	260.59 6.20 -211.67	114.38 7.12 -60.75	124.08 6.84 -70.74	112.45 5.08 -65.73	60.97 4.60 -18.02	45.02 4.06 -6.53	39.72 3.90 -4.82	40.05 3.70 -8.11
TILDEN___115KV_TB1 80814	26.59 -0.03 0.00	24.42 -0.02 0.00	22.89 -0.07 0.00	21.68 -0.07 0.00	21.23 -0.09 0.00	22.62 -0.05 0.00	24.62 -0.02 0.00	27.37 -0.03 0.00	30.47 0.06 0.00	32.30 -0.03 0.00	32.85 0.10 0.00	34.78 0.07 -0.04	37.95 0.08 0.00	40.30 0.12 0.00	40.39 -0.04 0.00	41.37 0.00 -1.04	43.91 -0.04 -1.22	48.29 0.23 -1.55	47.84 0.42 -0.91	42.02 0.37 0.00	38.65 0.31 0.00	34.59 0.17 0.00	31.12 0.12 0.00	28.32 0.08 0.00
TRIGEN___CC 323695	37.43 2.58 -8.23	33.65 2.30 -6.90	27.63 2.11 -2.55	23.75 2.00 0.00	23.31 1.98 -0.02	24.62 1.95 0.00	26.86 2.19 -0.02	35.55 2.77 -5.39	36.12 3.07 -2.64	38.01 3.30 -2.38	35.76 3.01 0.00	39.73 3.22 -1.83	46.59 3.71 -5.01	51.99 3.90 -7.91	49.79 4.16 -5.19	66.80 4.03 -22.43	72.33 4.27 -25.33	84.35 5.21 -32.63	61.16 4.84 -9.81	45.39 3.37 -0.37	44.22 3.07 -2.81	37.24 2.82 0.00	40.14 2.79 -6.35	34.84 2.68 -3.92

TRINITY__115KV__4 BK 55933	27.68 1.06 0.00	25.40 0.95 0.00	23.88 0.92 0.00	22.60 0.85 0.00	22.16 0.85 0.00	23.55 0.88 0.00	25.56 0.91 0.00	28.44 1.04 0.00	31.59 1.19 0.00	34.07 1.26 -0.47	33.93 1.18 0.00	37.09 1.35 -1.06	39.67 1.44 -0.36	41.82 1.49 -0.15	42.97 1.42 -1.13	58.01 1.45 -16.22	63.17 1.58 -18.86	72.34 1.77 -24.06	70.15 1.86 -21.78	42.81 1.17 0.00	39.53 1.19 0.00	35.52 1.10 0.00	32.08 1.08 0.00	29.23 0.99 0.00
UNION__PROCESSING_DRP 323587	26.75 0.13 0.00	24.52 0.07 0.00	22.89 -0.07 0.00	21.66 -0.09 0.00	21.20 -0.11 0.00	22.64 -0.02 0.00	24.79 0.15 0.00	27.29 -0.11 0.00	30.35 -0.06 0.00	32.11 -0.23 0.00	32.85 0.10 0.00	34.47 -0.24 -0.04	37.46 -0.42 0.00	39.82 -0.36 0.00	40.15 -0.28 0.00	41.16 -0.36 -1.19	43.79 -0.34 -1.40	48.80 0.51 -1.78	47.96 0.37 -1.08	42.47 0.83 0.00	38.96 0.61 0.00	34.80 0.38 0.00	31.39 0.40 0.00	28.55 0.31 0.00
UPPER HUDSON__HYD 24058	28.29 1.68 0.00	25.94 1.49 0.00	24.39 1.42 0.00	23.03 1.28 0.00	22.57 1.26 0.00	24.10 1.43 0.00	26.17 1.53 0.00	29.15 1.75 0.00	32.38 1.98 0.00	34.89 2.10 -0.45	34.85 2.10 0.00	38.54 2.43 -1.44	40.64 2.43 -0.34	42.82 2.49 -0.15	43.53 2.02 -1.08	58.91 1.98 -16.60	64.26 2.22 -19.31	73.70 2.56 -24.63	81.33 3.21 -31.61	44.10 2.46 0.00	40.99 2.64 0.00	36.69 2.27 0.00	32.82 1.83 0.00	29.65 1.41 0.00
UPPER RAQUET__HYD 24056	25.26 -1.36 0.00	23.28 -1.17 0.00	21.86 -1.10 0.00	20.68 -1.07 0.00	20.23 -1.09 0.00	21.58 -1.09 0.00	23.51 -1.13 0.00	26.05 -1.34 0.00	28.86 -1.55 0.00	30.75 -1.58 0.00	31.18 -1.57 0.00	33.15 -1.52 0.00	36.17 -1.70 0.00	38.41 -1.77 0.00	38.45 -1.98 0.00	38.00 -2.34 0.00	40.33 -2.39 0.00	43.49 -3.02 0.00	43.58 -2.93 0.00	39.81 -1.83 0.00	36.66 -1.69 0.00	32.94 -1.48 0.00	29.44 -1.55 0.00	26.71 -1.53 0.00
VALLEY44_115KV_TB2 355964	26.56 -0.05 0.00	24.42 -0.02 0.00	22.66 -0.30 0.00	21.44 -0.30 0.00	20.99 -0.32 0.00	22.46 -0.20 0.00	24.67 0.02 0.00	26.96 -0.44 0.00	29.98 -0.43 0.00	31.69 -0.65 0.00	32.52 -0.23 0.00	33.98 -0.76 -0.07	36.70 -1.17 0.00	39.05 -1.13 0.00	39.66 -0.77 0.00	40.67 -1.45 -1.79	43.51 -1.32 -2.11	48.67 -0.51 -2.67	48.41 0.14 -1.76	41.97 0.33 0.00	38.30 -0.04 0.00	34.59 0.17 0.00	31.24 0.25 0.00	28.47 0.23 0.00
VALLEY__115KV_TB 1-4 80826	26.78 0.16 0.00	24.57 0.12 0.00	23.08 0.11 0.00	21.88 0.13 0.00	21.44 0.13 0.00	22.80 0.14 0.00	24.82 0.17 0.00	27.56 0.16 0.00	30.59 0.18 0.00	32.53 0.19 0.00	32.95 0.20 0.00	35.12 0.45 0.00	38.33 0.45 0.00	40.66 0.48 0.00	40.67 0.24 0.00	40.58 0.24 0.00	42.94 0.21 0.00	46.79 0.28 0.00	46.84 0.33 0.00	41.85 0.21 0.00	38.53 0.19 0.00	34.63 0.21 0.00	31.15 0.15 0.00	28.38 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.29 1.68 0.00	25.99 1.54 0.00	24.43 1.47 0.00	23.12 1.37 0.00	22.61 1.30 0.00	24.07 1.41 0.00	26.27 1.63 0.00	29.07 1.67 0.00	32.26 1.85 0.00	34.27 1.94 0.00	34.71 1.96 0.00	37.07 2.12 -0.28	40.15 2.27 0.00	42.59 2.41 0.00	42.98 2.55 0.00	46.62 2.58 -3.70	49.75 2.65 -4.37	55.04 2.98 -5.55	56.66 3.12 -7.04	44.14 2.50 0.00	40.68 2.34 0.00	36.52 2.10 0.00	32.88 1.89 0.00	29.93 1.69 0.00
VISCHER__FERRY HYD 24020	28.05 1.44 0.00	25.74 1.29 0.00	24.20 1.24 0.00	22.90 1.15 0.00	22.46 1.15 0.00	23.89 1.22 0.00	25.93 1.28 0.00	28.90 1.51 0.00	32.05 1.64 0.00	34.56 1.74 -0.48	34.42 1.67 0.00	37.95 1.98 -1.30	40.32 2.08 -0.36	42.54 2.21 -0.16	43.76 2.18 -1.14	58.96 2.18 -16.45	64.24 2.39 -19.12	73.61 2.70 -24.40	77.15 2.84 -27.80	43.64 2.00 0.00	40.30 1.95 0.00	36.24 1.82 0.00	32.57 1.58 0.00	29.51 1.27 0.00
V_A_10_SYNC_DSASP 323832	26.30 -0.32 0.00	24.11 -0.34 0.00	22.48 -0.48 0.00	21.27 -0.48 0.00	20.82 -0.49 0.00	22.24 -0.43 0.00	24.35 -0.30 0.00	26.66 -0.74 0.00	29.59 -0.82 0.00	31.23 -1.10 0.00	32.00 -0.75 0.00	33.40 -1.32 -0.05	36.28 -1.59 0.00	38.57 -1.61 0.00	38.93 -1.50 0.00	40.29 -1.37 -1.32	42.92 -1.37 -1.56	48.07 -0.42 -1.98	47.05 -0.70 -1.23	41.48 -0.17 0.00	38.07 -0.27 0.00	34.08 -0.34 0.00	30.74 -0.25 0.00	27.96 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	25.90 -0.72 0.00	23.84 -0.61 0.00	22.37 -0.60 0.00	21.18 -0.57 0.00	20.76 -0.55 0.00	22.10 -0.57 0.00	24.03 -0.62 0.00	26.68 -0.71 0.00	29.59 -0.82 0.00	31.49 -0.84 0.00	31.93 -0.82 0.00	33.84 -0.83 0.00	36.96 -0.91 0.00	39.21 -0.96 0.00	39.42 -1.01 0.00	39.09 -1.25 0.00	41.49 -1.24 0.00	44.79 -1.72 0.00	44.74 -1.77 0.00	40.64 -1.00 0.00	37.42 -0.92 0.00	33.63 -0.79 0.00	30.19 -0.81 0.00	27.45 -0.79 0.00
V_CMP_10_SYNC_DSASP 323788	26.80 0.19 0.00	24.72 0.27 0.00	23.19 0.23 0.00	21.94 0.20 0.00	21.50 0.19 0.00	22.96 0.29 0.00	25.09 0.44 0.00	27.86 0.47 0.00	30.98 0.58 0.00	33.01 0.68 0.00	33.50 0.75 0.00	35.30 0.62 0.00	38.56 0.68 0.00	40.86 0.68 0.00	41.08 0.64 0.00	40.46 0.12 0.00	43.07 0.34 0.00	46.46 -0.05 0.00	46.56 0.05 0.00	42.89 1.25 0.00	39.38 1.04 0.00	35.31 0.89 0.00	31.42 0.43 0.00	28.38 0.14 0.00
V_E_10_SYNC_DSASP 323830	28.93 2.31 0.00	26.58 2.13 0.00	24.91 1.95 0.00	23.58 1.83 0.00	22.99 1.68 0.00	24.55 1.88 0.00	26.91 2.27 0.00	29.56 2.16 0.00	32.72 2.31 0.00	34.56 2.23 0.00	35.21 2.46 -0.15	37.63 2.81 0.00	40.68 2.80 0.00	43.35 3.17 0.00	43.22 2.79 0.00	45.92 2.78 -2.80	49.07 3.03 -3.31	54.47 3.77 -4.20	54.84 4.47 -3.86	45.81 4.16 0.00	42.18 3.83 0.00	37.73 3.30 0.00	33.78 2.79 0.00	30.89 2.65 0.00
V_F_30_NSYNC__DSASP 323816	28.48 1.86 0.00	26.13 1.69 0.00	24.55 1.58 0.00	23.21 1.46 0.00	22.76 1.45 0.00	24.23 1.56 0.00	26.32 1.68 0.00	29.31 1.92 0.00	32.53 2.13 0.00	35.05 2.26 -0.46	34.94 2.19 0.00	38.63 2.53 -1.42	40.87 2.65 -0.35	43.10 2.77 -0.15	44.03 2.51 -1.09	59.46 2.54 -16.58	64.79 2.78 -19.29	74.28 3.16 -24.60	81.20 3.53 -31.15	44.39 2.75 0.00	41.07 2.72 0.00	36.87 2.44 0.00	33.07 2.08 0.00	29.93 1.69 0.00
V_F_30_SYNC_DSASP 323786	27.79 1.17 0.00	25.50 1.05 0.00	23.97 1.01 0.00	22.68 0.94 0.00	22.23 0.92 0.00	23.62 0.95 0.00	25.66 1.01 0.00	28.55 1.15 0.00	31.71 1.31 0.00	34.19 1.39 -0.47	34.06 1.31 0.00	37.35 1.53 -1.15	39.86 1.63 -0.36	42.02 1.69 -0.15	43.12 1.58 -1.12	58.27 1.61 -16.32	63.41 1.71 -18.98	72.63 1.91 -24.21	72.74 2.09 -24.13	43.02 1.37 0.00	39.72 1.38 0.00	35.66 1.24 0.00	32.20 1.21 0.00	29.34 1.10 0.00
V_XM_10_SYNC_DSASP 323789	26.80 0.19 0.00	24.72 0.27 0.00	23.19 0.23 0.00	21.94 0.20 0.00	21.50 0.19 0.00	22.96 0.29 0.00	25.09 0.44 0.00	27.86 0.47 0.00	30.98 0.58 0.00	33.01 0.68 0.00	33.50 0.75 0.00	35.30 0.62 0.00	38.56 0.68 0.00	40.86 0.68 0.00	41.08 0.64 0.00	40.46 0.12 0.00	43.07 0.34 0.00	46.46 -0.05 0.00	46.56 0.05 0.00	42.89 1.25 0.00	39.38 1.04 0.00	35.31 0.89 0.00	31.42 0.43 0.00	28.38 0.14 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.59 1.97 0.00	26.21 1.76 0.00	24.59 1.63 0.00	23.27 1.52 0.00	22.82 1.51 0.00	24.19 1.52 0.00	26.27 1.63 0.00	29.42 2.03 0.00	32.66 2.25 0.00	31.83 2.42 2.93	34.94 2.19 0.00	36.15 2.36 0.88	38.45 2.80 2.23	42.16 2.93 0.96	36.68 3.23 6.98	34.62 3.63 9.35	37.37 3.89 9.25	38.41 4.37 12.48	59.77 3.91 -9.36	44.10 2.46 0.00	40.57 2.22 0.00	36.52 2.10 0.00	33.04 2.05 0.00	30.22 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.99 2.37 0.00	26.53 2.08 0.00	24.85 1.88 0.00	23.49 1.74 0.00	23.06 1.75 0.00	24.41 1.75 0.00	26.57 1.92 0.00	30.00 2.60 0.00	33.36 2.95 0.00	37.39 3.17 -1.89	35.66 2.91 0.00	38.95 3.09 -1.19	42.87 3.56 -1.44	44.53 3.74 -0.62	48.93 4.00 -4.50	67.30 4.44 -22.53	72.91 4.74 -25.44	84.58 5.30 -32.77	60.97 4.65 -9.81	44.72 3.08 0.00	41.14 2.80 0.00	37.04 2.62 0.00	33.47 2.48 0.00	30.70 2.46 0.00
W50THST__13_KV_LOAD 356117	29.17 2.56 0.00	26.70 2.25 0.00	24.98 2.02 0.00	23.62 1.87 0.00	23.21 1.90 0.00	24.57 1.90 0.00	26.76 2.12 0.00	30.25 2.85 0.00	33.60 3.19 0.00	37.68 3.46 -1.89	35.96 3.21 0.00	39.26 3.40 -1.19	43.21 3.90 -1.44	44.93 4.14 -0.62	49.30 4.37 -4.50	67.66 4.80 -22.53	73.33 5.17 -25.44	85.05 5.77 -32.77	61.39 5.07 -9.81	45.01 3.37 0.00	41.37 3.03 0.00	37.24 2.82 0.00	33.63 2.63 0.00	30.84 2.60 0.00
WADING RIVER_IC_1 23522	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	24.98 2.31 0.00	27.32 2.66 -0.02	36.76 3.97 -5.40	43.65 4.29 -8.95	46.74 4.53 -9.88	99.94 3.99 -63.19	118.03 4.47 -78.88	202.85 5.11 -159.86	264.27 5.26 -218.83	233.12 5.30 -187.39	233.85 5.00 -188.52	259.26 5.30 -211.24	125.68 5.81 -73.36	121.88 5.58 -69.79	110.74 3.91 -65.18	59.93 3.60 -17.99	44.07 3.13 -6.52	38.99 3.19 -4.81	39.10 2.77 -8.09
WADING RIVER_IC_2 23547	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	24.98 2.31 0.00	27.32 2.66 -0.02	36.76 3.97 -5.40	43.65 4.29 -8.95	46.74 4.53 -9.88	99.94 3.99 -63.19	118.03 4.47 -78.88	202.85 5.11 -159.86	264.27 5.26 -218.83	233.12 5.30 -187.39	233.85 5.00 -188.52	259.26 5.30 -211.24	125.68 5.81 -73.36	121.88 5.58 -69.79	110.74 3.91 -65.18	59.93 3.60 -17.99	44.07 3.13 -6.52	38.99 3.19 -4.81	39.10 2.77 -8.09
WADING RIVER_IC_3 23601	37.83 2.98 -8.23	34.02 2.67 -6.90	28.02 2.50 -2.55	24.16 2.41 0.00	23.78 2.45 -0.02	24.98 2.31 0.00	27.32 2.66 -0.02	36.76 3.97 -5.40	43.65 4.29 -8.95	46.74 4.53 -9.88	99.94 3.99 -63.19	118.03 4.47 -78.88	202.85 5.11 -159.86	264.27 5.26 -218.83	233.12 5.30 -187.39	233.85 5.00 -188.52	259.26 5.30 -211.24	125.68 5.81 -73.36	121.88 5.58 -69.79	110.74 3.91 -65.18	59.93 3.60 -17.99	44.07 3.13 -6.52	38.99 3.19 -4.81	39.10 2.77 -8.09
WALDENNY_I2_KV_BK2 80841	26.75 0.13 0.00	24.52 0.07 0.00	22.82 -0.14 0.00	21.57 -0.17 0.00	21.12 -0.19 0.00	22.60 -0.07 0.00	24.74 0.10 0.00	27.01 -0.38 0.00	29.98 -0.43 0.00	31.65 -0.68 0.00	32.55 -0.20 0.00	33.97 -0.76 -0.06	36.85 -1.02 0.00	39.18 -1.00 0.00	39.62 -0.81 0.00	40.87 -1.05 -1.59	43.66 -0.94 -1.87	48.98 0.09 -2.38	48.23 0.19 -1.53	42.22 0.58 0.00	38.65 0.31 0.00	34.70 0.28 0.00	31.30 0.31 0.00	28.52 0.28 0.00
WALDEN__HYDRO 24148	28.61 2.00 0.00	26.21 1.76 0.00	24.59 1.63 0.00	23.27 1.52 0.00	22.80 1.49 0.00	24.14 1.47 0.00	26.22 1.58 0.00	29.26 1.86 0.00	32.41 2.01 0.00	33.96 2.10 0.47	34.65 1.90 0.00	37.00 2.15 -0.17	40.12 2.61 0.36	42.72 2.69 0.15	42.22 2.91 1.13	50.27 3.19 -6.74	54.39 3.42 -8.25	60.72 3.86 -10.35	59.65 3.63 -9.51	44.01 2.37 0.00	40.49 2.15 0.00	36.45 2.03 0.00	32.98 1.99 0.00	29.93 1.69 0.00
WARRENSBURG____ 23737	28.29 1.68 0.00	25.94 1.49 0.00	24.39 1.42 0.00	23.03 1.28 0.00	22.57 1.26 0.00	24.10 1.43 0.00	26.17 1.53 0.00	29.15 1.75 0.00	32.38 1.98 0.00	34.89 2.10 -0.45	34.85 2.10 0.00	38.54 2.43 -1.44	40.64 2.43 -0.34	42.82 2.49 -0.15	43.53 2.02 -1.08	58.91 1.98 -16.60	64.26 2.22 -19.31	73.70 2.56 -24.63	81.33 3.21 -31.61	44.10 2.46 0.00	40.99 2.64 0.00	36.69 2.27 0.00	32.82 1.83 0.00	29.65 1.41 0.00
WATERSIDE____6 8 9 23538	29.06 2.45 0.00	26.60 2.15 0.00	24.91 1.95 0.00	23.53 1.78 0.00	23.10 1.79 0.00	24.39 1.72 0.00	26.52 1.87 0.00	30.06 2.66 -0.01	33.39 2.98 -0.01	37.46 3.23 -1.90	35.63 2.88 0.00	38.95 3.09 -1.19	42.87 3.56 -1.43	44.49 3.70 -0.62	48.65 3.72 -4.50	65.49 4.28 -20.88	72.72 4.57 -25.42	84.33 5.07 -32.75	58.77 4.42 -7.84	44.51 2.87 0.00	41.21 2.88 0.01	37.10 2.68 0.01	33.08 2.67 0.58	30.31 2.60 0.53
WATKINRD_115KV_LN8_ILLION 55919	26.78 0.16 0.00	24.57 0.12 0.00	23.10 0.14 0.00	21.88 0.13 0.00	21.44 0.13 0.00	22.78 0.11 0.00	24.79 0.15 0.00	27.53 0.14 0.00	30.56 0.15 0.00	32.49 0.16 0.00	32.91 0.16 0.00	34.98 0.31 0.00	38.21 0.34 0.00	40.50 0.32 0.00	40.63 0.20 0.00	40.58 0.24 0.00	42.94 0.21 0.00	46.79 0.28 0.00	46.84 0.33 0.00	41.85 0.21 0.00	38.53 0.19 0.00	34.63 0.21 0.00	31.15 0.15 0.00	28.38 0.14 0.00
WATSON__69_KV_BK 1 55734	38.34 3.49 -8.23	34.48 3.13 -6.90	28.41 2.89 -2.55	24.47 2.72 0.00	24.03 2.71 -0.02	25.32 2.65 0.00	27.69 3.03 -0.02	36.68 3.89 -5.39	43.25 4.26 -8.59	46.36 4.56 -9.47	46.94 4.03 -10.16	79.42 4.33 -40.41	96.36 4.96 -53.52	158.96 5.26 -113.52	142.27 5.42 -96.42	151.05 5.12 -105.59	166.57 5.43 -118.42	102.78 6.70 -49.57	94.80 6.47 -41.83	80.19 4.75 -33.80	53.16 4.41 -10.41	41.61 3.92 -3.26	40.92 3.87 -6.06	43.67 3.67 -11.76
WDELAWARE__HYD 323627	28.40 1.78 0.00	26.02 1.57 0.00	24.41 1.45 0.00	23.12 1.37 0.00	22.63 1.32 0.00	23.96 1.29 0.00	26.02 1.38 0.00	28.98 1.59 0.00	32.14 1.73 0.00	33.81 1.78 0.30	34.35 1.60 0.00	36.74 1.84 -0.23	39.92 2.27 0.23	42.41 2.33 0.10	42.31 2.59 0.71	50.17 2.91 -6.93	54.16 3.08 -8.36	60.54 3.49 -10.54	58.87 3.35 -9.01	43.76 2.12 0.00	40.22 1.88 0.00	36.14 1.72 0.00	32.73 1.73 0.00	29.74 1.50 0.00
WEST BABYLON__IC 23714	38.18 3.33 -8.23	34.36 3.01 -6.90	28.27 2.76 -2.55	24.34 2.59 0.00	23.91 2.58 -0.02	25.21 2.54 0.00	27.55 2.88 -0.02	36.43 3.64 -5.39	39.22 4.01 -4.80	41.59 4.30 -4.96	40.40 3.80 -3.85	49.88 4.09 -11.12	58.24 4.66 -15.71	78.45 4.94 -33.33	72.68 5.09 -27.15	87.59 4.80 -42.45	95.55 5.08 -47.74	85.47 6.33 -32.63	65.05 6.09 -12.45	52.02 4.46 -5.92	47.13 4.14 -4.64	38.92 3.72 -0.79	38.56 3.72 -3.85	39.06 3.53 -7.29
WEST CANADA__HYD 24049	26.72 0.11 0.00	24.55 0.10 0.00	23.05 0.09 0.00	21.84 0.09 0.00	21.40 0.09 0.00	22.76 0.09 0.00	24.74 0.10 0.00	27.51 0.11 0.00	30.53 0.12 0.00	32.43 0.10 0.00	32.85 0.10 0.00	34.81 0.14 0.00	38.02 0.15 0.00	40.34 0.16 0.00	40.59 0.16 0.00	40.50 0.16 0.00	42.85 0.13 0.00	46.74 0.23 0.00	46.74 0.23 0.00	41.73 0.08 0.00	38.42 0.08 0.00	34.52 0.10 0.00	31.08 0.09 0.00	28.32 0.08 0.00

WESTERN_NY_WIND 24143	27.10 0.48 0.00	24.82 0.37 0.00	23.10 0.14 0.00	21.88 0.13 0.00	21.38 0.06 0.00	22.87 0.20 0.00	25.09 0.44 0.00	27.21 -0.19 0.00	30.41 0.00 0.00	32.11 -0.22 0.00	33.14 0.39 0.00	34.52 -0.21 -0.05	37.31 -0.57 0.00	39.70 -0.48 0.00	39.95 -0.48 0.00	41.02 -0.69 -1.37	43.79 -0.56 -1.62	49.12 0.56 -2.05	48.37 0.56 -1.30	43.01 1.37 0.00	39.41 1.07 0.00	35.14 0.72 0.00	31.80 0.80 0.00	29.93 1.69 0.00
WESTOVER___LESR 323668	27.10 0.48 0.00	24.89 0.44 0.00	23.31 0.34 0.00	22.05 0.30 0.00	21.59 0.28 0.00	23.03 0.36 0.00	25.11 0.47 0.00	27.81 0.41 0.00	30.92 0.52 0.00	32.79 0.45 0.00	33.34 0.59 0.00	35.32 0.52 -0.13	38.44 0.57 0.00	40.82 0.64 0.00	41.04 0.61 0.00	43.94 0.61 -3.00	46.91 0.64 -3.54	52.12 1.12 -4.49	51.10 1.35 -3.25	42.77 1.12 0.00	39.26 0.92 0.00	35.21 0.79 0.00	31.70 0.71 0.00	28.86 0.62 0.00
WETHRSFD_WT_PWR 323626	26.78 0.16 0.00	24.57 0.12 0.00	22.87 -0.09 0.00	21.66 -0.09 0.00	21.18 -0.13 0.00	22.67 0.00 0.00	24.82 0.17 0.00	26.99 -0.41 0.00	30.16 -0.24 0.00	31.95 -0.39 0.00	32.88 0.13 0.00	34.26 -0.49 -0.07	37.00 -0.87 0.00	39.30 -0.88 0.00	39.58 -0.85 0.00	41.14 -0.97 -1.77	43.92 -0.90 -2.09	49.17 0.00 -2.66	48.50 0.23 -1.76	42.27 0.63 0.00	38.80 0.46 0.00	34.69 0.27 0.00	31.46 0.47 0.00	29.51 1.27 0.00
WHAVSTOR_138KV_BK127 55557	28.45 1.84 0.00	26.09 1.64 0.00	24.50 1.54 0.00	23.18 1.44 0.00	22.76 1.45 0.00	24.09 1.43 0.00	26.15 1.50 0.00	29.34 1.95 0.00	32.57 2.16 0.00	31.67 2.33 2.99	34.84 2.10 0.00	36.02 2.25 0.90	38.25 2.65 2.27	42.02 2.81 0.97	36.43 3.11 7.11	34.16 3.51 9.68	36.88 3.76 9.61	37.79 4.23 12.95	59.56 3.67 -9.37	43.93 2.29 0.00	40.41 2.07 0.00	36.38 1.96 0.00	32.88 1.89 0.00	30.08 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.45 1.84 0.00	26.09 1.64 0.00	24.50 1.54 0.00	23.18 1.44 0.00	22.76 1.45 0.00	24.09 1.43 0.00	26.15 1.50 0.00	29.34 1.95 0.00	32.57 2.16 0.00	31.67 2.33 2.99	34.84 2.10 0.00	36.02 2.25 0.90	38.25 2.65 2.27	42.02 2.81 0.97	36.43 3.11 7.11	34.16 3.51 9.68	36.88 3.76 9.61	37.79 4.23 12.95	59.56 3.67 -9.37	43.93 2.29 0.00	40.41 2.07 0.00	36.38 1.96 0.00	32.88 1.89 0.00	30.08 1.84 0.00
WHITEHAL_115KV_TB1 80871	29.12 2.50 0.00	26.70 2.25 0.00	25.07 2.11 0.00	23.66 1.91 0.00	23.19 1.88 0.00	24.80 2.13 0.00	26.91 2.27 0.00	30.00 2.60 0.00	33.39 2.98 0.00	35.92 3.14 -0.45	35.93 3.18 0.00	39.61 3.50 -1.43	41.89 3.67 -0.35	44.10 3.78 -0.15	44.59 3.07 -1.08	59.95 3.03 -16.59	65.41 3.38 -19.30	75.00 3.86 -24.63	82.81 4.88 -31.42	45.64 4.00 0.00	42.48 4.14 0.00	37.97 3.55 0.00	33.81 2.82 0.00	30.61 2.37 0.00
WHITEPLN_13_KV_LOAD 356215	28.91 2.29 0.00	26.48 2.03 0.00	24.82 1.86 0.00	23.49 1.74 0.00	23.08 1.77 0.00	24.41 1.75 0.00	26.57 1.92 0.00	29.94 2.55 0.00	33.30 2.89 0.00	37.48 3.14 -2.01	35.70 2.95 0.00	39.45 3.54 -1.24	43.49 4.09 -1.52	45.13 4.30 -0.65	49.49 4.29 -4.78	68.36 4.76 -23.26	74.00 5.04 -26.23	85.95 5.63 -33.81	61.36 5.07 -9.78	45.01 3.37 0.00	41.33 2.99 0.00	37.14 2.72 0.00	33.53 2.54 0.00	30.64 2.40 0.00
WM_FLOYD_69_KV_BK2 356380	37.99 3.14 -8.23	34.14 2.79 -6.90	28.13 2.62 -2.55	24.23 2.48 0.00	23.82 2.49 -0.02	25.07 2.40 0.00	27.42 2.76 -0.02	36.60 3.81 -5.40	43.60 4.14 -9.06	46.74 4.40 -10.01	156.43 3.96 -119.72	119.04 4.26 -80.11	146.63 4.92 -103.84	267.47 5.10 -222.18	235.94 5.22 -190.29	236.42 4.92 -191.16	262.14 5.21 -214.20	118.69 6.09 -66.09	127.85 5.86 -75.48	114.44 4.25 -68.55	60.44 3.87 -18.23	44.49 3.44 -6.62	39.29 3.41 -4.89	39.66 3.25 -8.17
WOODARD___115KV_TB2 355635	26.43 -0.19 0.00	24.28 -0.17 0.00	22.76 -0.21 0.00	21.57 -0.17 0.00	21.12 -0.19 0.00	22.51 -0.16 0.00	24.50 -0.15 0.00	27.20 -0.19 0.00	30.28 -0.12 0.00	32.14 -0.19 0.00	32.65 -0.10 0.00	34.53 -0.14 0.00	37.72 -0.15 0.00	40.06 -0.12 0.00	40.15 -0.28 0.00	40.93 -0.28 -0.88	43.46 -0.30 -1.04	47.74 -0.09 -1.32	46.56 0.05 0.00	41.68 0.04 0.00	38.38 0.04 0.00	34.35 -0.07 0.00	30.90 -0.09 0.00	28.16 -0.08 0.00
YORK___WARBASSE 23770	29.26 2.64 -0.01	26.78 2.32 -0.01	25.05 2.09 0.00	23.64 1.89 0.00	23.23 1.92 0.00	24.48 1.81 0.00	26.59 1.95 0.00	30.20 2.79 -0.01	33.61 3.19 -0.01	37.66 3.43 -1.90	35.83 3.08 0.00	39.16 3.29 -1.19	43.09 3.79 -1.43	44.73 3.94 -0.62	48.89 3.96 -4.50	78.92 4.56 -34.03	78.73 4.91 -31.09	84.77 5.44 -32.82	74.77 4.74 -23.51	44.81 3.16 0.00	41.54 3.14 -0.06	37.40 2.93 -0.06	37.96 2.88 -4.08	34.79 2.80 -3.76