

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	42.71	35.88	33.93	37.49	35.14	33.22	30.46	36.27	31.04	26.98	29.78	28.69	28.08	27.30	36.21	31.59	40.18	43.76	56.30	62.37	44.97	43.79	38.71	37.39
24138	2.10	1.82	1.63	1.77	1.74	1.68	1.66	2.19	1.95	1.82	2.04	2.01	2.03	2.12	2.80	2.33	2.83	2.90	3.69	4.01	2.68	2.70	2.37	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	42.79	35.93	33.98	37.54	35.18	33.27	30.51	36.30	31.06	27.00	29.80	28.70	28.09	27.29	36.18	31.59	40.20	43.84	56.44	62.55	45.12	43.89	38.76	37.43
24260	2.17	1.87	1.67	1.83	1.78	1.73	1.71	2.23	1.97	1.84	2.06	2.01	2.03	2.11	2.78	2.33	2.85	2.97	3.83	4.19	2.82	2.80	2.43	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	42.79	35.93	33.98	37.54	35.18	33.27	30.51	36.30	31.06	27.00	29.80	28.70	28.09	27.29	36.18	31.59	40.20	43.84	56.44	62.55	45.12	43.89	38.76	37.43
24261	2.17	1.87	1.67	1.83	1.78	1.73	1.71	2.23	1.97	1.84	2.06	2.01	2.03	2.11	2.78	2.33	2.85	2.97	3.83	4.19	2.82	2.80	2.43	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	42.50	35.61	33.79	37.35	34.91	33.03	30.30	36.00	30.63	26.29	28.72	27.40	26.78	26.07	34.63	30.46	39.48	43.55	56.13	62.26	44.85	43.32	38.13	36.80
24011	1.88	1.55	1.48	1.63	1.51	1.50	1.51	1.92	1.54	1.13	0.97	0.72	0.72	0.88	1.22	1.20	2.14	2.68	3.51	3.90	2.55	2.23	1.79	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	42.74	35.78	33.94	37.51	35.03	33.16	30.45	36.23	30.78	26.37	28.75	27.37	26.74	26.09	34.65	30.49	39.70	43.86	56.52	62.73	45.15	43.53	38.28	36.91
23798	2.12	1.72	1.63	1.79	1.63	1.63	1.65	2.15	1.69	1.20	1.01	0.69	0.69	0.90	1.24	1.23	2.35	2.99	3.91	4.38	2.86	2.44	1.95	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	42.50	35.61	33.79	37.35	34.91	33.03	30.30	36.00	30.63	26.29	28.72	27.40	26.78	26.07	34.63	30.46	39.48	43.55	56.13	62.26	44.85	43.32	38.13	36.80
24028	1.88	1.55	1.48	1.63	1.51	1.50	1.51	1.92	1.54	1.13	0.97	0.72	0.72	0.88	1.22	1.20	2.14	2.68	3.51	3.90	2.55	2.23	1.79	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	42.32	35.50	33.68	37.18	34.76	32.90	30.13	35.81	30.46	26.37	28.91	27.61	26.95	26.17	34.66	30.39	39.25	43.12	55.57	61.62	44.49	43.07	37.94	36.62
23527	1.70	1.44	1.37	1.46	1.36	1.36	1.34	1.74	1.37	1.21	1.16	0.93	0.89	0.99	1.25	1.13	1.90	2.25	2.96	3.26	2.19	1.98	1.61	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	40.74	34.23	32.52	35.88	33.62	31.83	29.12	34.54	29.51	25.58	28.12	26.99	26.36	25.54	33.81	29.69	37.91	41.53	53.48	59.26	42.85	41.60	36.70	35.47
24190	0.12	0.17	0.21	0.16	0.22	0.30	0.32	0.47	0.42	0.41	0.38	0.30	0.31	0.36	0.41	0.43	0.56	0.66	0.87	0.90	0.55	0.51	0.37	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	41.02	34.37	32.60	36.08	33.65	31.70	28.95	34.21	29.14	25.17	27.74	26.71	26.07	25.21	33.42	29.21	36.27	34.98	51.67	56.19	42.24	41.16	36.50	35.48
355683	0.40	0.31	0.29	0.36	0.25	0.16	0.15	0.13	0.05	0.01	-0.01	0.02	0.02	0.03	0.01	-0.05	-0.18	-0.20	-0.23	-0.27	-0.06	0.07	0.16	0.25
	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	0.89	5.69	0.71	1.90	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	41.61	34.95	33.18	36.65	34.32	32.47	29.70	35.21	29.99	25.80	28.35	27.21	26.57	25.74	34.23	30.06	38.52	42.30	54.49	60.39	43.70	42.41	37.42	36.19
323833	0.99	0.88	0.87	0.93	0.92	0.94	0.90	1.13	0.90	0.64	0.60	0.52	0.52	0.56	0.83	0.79	1.17	1.43	1.87	2.03	1.40	1.32	1.09	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	41.60	34.93	33.18	36.64	34.30	32.47	29.69	35.21	29.99	25.80	28.34	27.21	26.57	25.74	34.22	30.05	38.52	42.29	54.47	60.36	43.69	42.39	37.41	36.18
323834	0.98	0.87	0.87	0.92	0.90	0.93	0.89	1.13	0.90	0.64	0.60	0.52	0.52	0.55	0.82	0.79	1.17	1.42	1.86	2.01	1.39	1.30	1.08	0.94
	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	40.74	34.23	32.52	35.88	33.62	31.83	29.12	34.54	29.51	25.58	28.12	26.99	26.36	25.54	33.81	29.69	37.91	41.53	53.48	59.26	42.85	41.60	36.70	35.47
23571	0.12	0.17	0.21	0.16	0.22	0.30	0.32	0.47	0.42	0.41	0.38	0.30	0.31	0.36	0.41	0.43	0.56	0.66	0.87	0.90	0.55	0.51	0.37	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	40.74 0.12 0.00	34.23 0.17 0.00	32.52 0.21 0.00	35.88 0.16 0.00	33.62 0.22 0.00	31.83 0.30 0.00	29.12 0.32 0.00	34.54 0.47 0.00	29.51 0.42 0.00	25.58 0.41 0.00	28.12 0.38 0.00	26.99 0.30 0.00	26.36 0.31 0.00	25.54 0.36 0.00	33.81 0.41 0.00	29.69 0.43 0.00	37.91 0.56 0.00	41.53 0.66 0.00	53.48 0.87 0.00	59.26 0.90 0.00	42.85 0.55 0.00	41.60 0.51 0.00	36.70 0.37 0.00	35.47 0.24 0.00
ALBANY___3 23573	40.74 0.12 0.00	34.23 0.17 0.00	32.52 0.21 0.00	35.88 0.16 0.00	33.62 0.22 0.00	31.83 0.30 0.00	29.12 0.32 0.00	34.54 0.47 0.00	29.51 0.42 0.00	25.58 0.41 0.00	28.12 0.38 0.00	26.99 0.30 0.00	26.36 0.31 0.00	25.54 0.36 0.00	33.81 0.41 0.00	29.69 0.43 0.00	37.91 0.56 0.00	41.53 0.66 0.00	53.48 0.87 0.00	59.26 0.90 0.00	42.85 0.55 0.00	41.60 0.51 0.00	36.70 0.37 0.00	35.47 0.24 0.00
ALBANY___4 23574	40.74 0.12 0.00	34.23 0.17 0.00	32.52 0.21 0.00	35.88 0.16 0.00	33.62 0.22 0.00	31.83 0.30 0.00	29.12 0.32 0.00	34.54 0.47 0.00	29.51 0.42 0.00	25.58 0.41 0.00	28.12 0.38 0.00	26.99 0.30 0.00	26.36 0.31 0.00	25.54 0.36 0.00	33.81 0.41 0.00	29.69 0.43 0.00	37.91 0.56 0.00	41.53 0.66 0.00	53.48 0.87 0.00	59.26 0.90 0.00	42.85 0.55 0.00	41.60 0.51 0.00	36.70 0.37 0.00	35.47 0.24 0.00
ALBANY___LFGE 323615	41.15 0.53 0.00	34.57 0.50 0.00	32.82 0.52 0.00	36.23 0.51 0.00	33.95 0.55 0.00	32.14 0.61 0.00	29.41 0.61 0.00	34.88 0.80 0.00	29.79 0.70 0.00	25.80 0.64 0.00	28.37 0.63 0.00	27.23 0.54 0.00	26.60 0.55 0.00	25.78 0.60 0.00	34.15 0.74 0.00	30.01 0.75 0.00	38.35 1.00 0.00	42.02 1.15 0.00	54.12 1.50 0.00	59.96 1.60 0.00	43.34 1.04 0.00	42.06 0.97 0.00	37.09 0.75 0.00	35.84 0.61 0.00
ALCOA_PA_115KV_PL-6C 55860	41.10 0.48 0.00	34.42 0.36 0.00	32.64 0.34 0.00	36.13 0.41 0.00	33.69 0.29 0.00	31.74 0.20 0.00	28.99 0.19 0.00	34.25 0.17 0.00	29.16 0.07 0.00	25.15 -0.02 0.00	27.70 -0.04 0.00	26.67 -0.02 0.00	26.03 -0.02 0.00	25.18 0.00 0.00	33.39 -0.02 0.00	29.19 -0.07 0.00	36.30 -0.19 0.87	35.14 -0.20 5.54	51.71 -0.21 0.69	56.30 -0.21 1.85	42.29 0.00 0.00	41.21 0.12 0.00	36.54 0.21 0.00	35.54 0.31 0.00
ALCOA_RYNLDS___DRP 24188	41.10 0.48 0.00	34.42 0.36 0.00	32.64 0.34 0.00	36.13 0.41 0.00	33.69 0.29 0.00	31.74 0.20 0.00	28.99 0.19 0.00	34.25 0.17 0.00	29.16 0.07 0.00	25.15 -0.02 0.00	27.70 -0.04 0.00	26.67 -0.02 0.00	26.03 -0.02 0.00	25.18 0.00 0.00	33.39 -0.02 0.00	29.19 -0.07 0.00	36.30 -0.19 0.87	35.14 -0.20 5.54	51.71 -0.21 0.69	56.30 -0.21 1.85	42.29 0.00 0.00	41.21 0.12 0.00	36.54 0.21 0.00	35.54 0.31 0.00
ALCOA___DSASP 323711	41.10 0.48 0.00	34.42 0.36 0.00	32.64 0.34 0.00	36.13 0.41 0.00	33.69 0.29 0.00	31.74 0.20 0.00	28.99 0.19 0.00	34.25 0.17 0.00	29.16 0.07 0.00	25.15 -0.02 0.00	27.70 -0.04 0.00	26.67 -0.02 0.00	26.03 -0.02 0.00	25.18 0.00 0.00	33.39 -0.02 0.00	29.19 -0.07 0.00	36.30 -0.19 0.87	35.14 -0.19 5.54	51.71 -0.21 0.69	56.30 -0.21 1.85	42.29 0.00 0.00	41.21 0.12 0.00	36.55 0.21 0.00	35.54 0.31 0.00
ALLEGHENY___COGEN 23514	41.18 0.57 0.00	34.43 0.37 0.00	32.53 0.22 0.00	35.96 0.24 0.00	33.72 0.32 0.00	31.86 0.32 0.00	29.10 0.31 0.00	34.22 0.15 0.00	29.23 0.14 0.00	25.23 0.07 0.00	27.62 -0.12 0.00	26.69 0.00 0.00	26.02 -0.03 0.00	25.06 -0.12 0.00	33.32 -0.08 0.00	29.23 -0.03 0.00	41.14 -0.25 -4.05	40.99 0.12 0.00	53.56 0.95 0.00	59.88 1.52 0.00	43.38 1.08 0.00	41.99 0.90 0.00	37.26 0.93 0.00	36.42 1.18 0.00
ALTAMONT_115KV_TB 2 55880	41.18 0.56 0.00	34.58 0.52 0.00	32.83 0.51 0.00	36.24 0.53 0.00	33.93 0.53 0.00	32.10 0.56 0.00	29.34 0.55 0.00	34.82 0.74 0.00	29.74 0.65 0.00	25.76 0.60 0.00	28.37 0.63 0.00	27.25 0.56 0.00	26.62 0.57 0.00	25.75 0.57 0.00	34.12 0.71 0.00	29.89 0.63 0.00	38.22 0.88 0.00	41.84 0.97 0.00	53.86 1.24 0.00	59.71 1.35 0.00	43.23 0.93 0.00	41.98 0.89 0.00	37.06 0.72 0.00	35.83 0.60 0.00
ALTONA_WT_PWR 323606	40.91 0.29 0.00	33.97 -0.09 0.00	31.96 -0.35 0.00	35.54 -0.18 0.00	33.48 0.08 0.00	31.63 0.10 0.00	28.89 0.09 0.00	33.85 -0.23 0.00	28.48 -0.61 0.00	24.47 -0.70 0.00	26.77 -0.97 0.00	25.72 -0.97 0.00	25.21 -0.85 0.00	24.72 -0.47 0.00	32.94 -0.47 0.00	28.58 -0.68 0.00	34.99 -1.47 0.88	33.44 -1.77 5.66	49.33 -2.58 0.71	53.08 -3.39 1.89	22.08 -2.47 17.74	7.12 -1.83 32.15	35.89 -0.44 0.00	35.13 -0.10 0.00
AMERICAN_REF_FUEL 24010	39.02 -1.36 0.24	32.66 -1.27 0.13	31.08 -1.23 0.00	34.29 -1.39 0.04	32.24 -1.16 0.00	30.50 -1.01 0.02	27.42 -1.12 0.26	31.32 -1.90 0.86	20.89 -1.42 6.78	24.17 -0.85 0.14	27.13 -0.61 0.00	26.43 -0.25 0.00	25.61 -0.44 0.00	24.66 -0.52 0.00	32.62 -0.79 0.00	28.03 -0.82 0.42	34.31 -1.92 1.12	37.16 -3.04 0.66	48.07 -3.60 0.94	52.76 -3.62 1.98	39.01 -2.36 0.92	37.67 -2.48 0.94	33.46 -1.99 0.89	33.16 -1.22 0.85
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.16 -2.14 0.31	31.83 -2.06 0.17	30.13 -2.18 0.00	33.45 -2.22 0.05	31.51 -1.89 0.00	29.61 -1.90 0.03	26.51 -1.95 0.34	30.44 -2.50 1.14	18.18 -1.93 8.98	23.58 -1.40 0.18	26.71 -1.03 0.00	25.88 -0.81 0.00	25.08 -0.97 0.00	24.18 -1.00 0.00	32.06 -1.35 0.00	27.46 -1.25 0.55	34.49 -1.93 0.93	37.49 -2.50 0.88	48.70 -2.66 1.25	53.45 -2.28 2.63	39.22 -1.85 1.22	37.98 -1.87 1.24	33.36 -1.79 1.18	32.53 -1.58 1.13
ARTHUR KILL_GT_1 23520	42.53 1.91 0.00	35.80 1.75 0.00	33.82 1.51 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.11 1.58 0.00	30.37 1.57 0.00	36.14 2.07 0.00	30.92 1.83 0.00	26.86 1.70 0.00	29.62 1.88 0.00	28.52 1.84 0.00	27.93 1.88 0.00	27.13 1.95 0.00	36.00 2.59 0.00	31.44 2.18 0.00	39.90 2.55 0.00	43.46 2.59 0.00	55.95 3.34 0.00	62.06 3.70 0.00	44.81 2.51 0.00	43.68 2.59 0.00	38.71 2.37 0.00	37.31 2.07 0.00
ARTHUR_KILL_2 23512	42.44 1.82 0.00	35.71 1.65 0.00	33.74 1.43 0.00	37.30 1.58 0.00	34.96 1.56 0.00	33.04 1.50 0.00	30.29 1.50 0.00	36.05 1.97 0.00	30.84 1.75 0.00	26.80 1.63 0.00	29.56 1.82 0.00	28.46 1.78 0.00	27.87 1.82 0.00	27.08 1.89 0.00	35.92 2.51 0.00	31.36 2.10 0.00	39.80 2.45 0.00	43.33 2.46 0.00	55.80 3.19 0.00	61.87 3.51 0.00	44.66 2.36 0.00	43.56 2.46 0.00	38.61 2.27 0.00	37.21 1.98 0.00
ARTHUR_KILL_3 23513	42.37 1.75 0.00	35.57 1.51 0.00	33.65 1.34 0.00	37.18 1.46 0.00	34.85 1.45 0.00	32.94 1.41 0.00	30.20 1.41 0.00	35.95 1.87 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.51 1.77 0.00	28.43 1.74 0.00	27.82 1.77 0.00	27.05 1.87 0.00	35.88 2.47 0.00	31.30 2.04 0.00	39.84 2.49 0.00	43.44 2.57 0.00	55.91 3.30 0.00	61.92 3.57 0.00	44.65 2.35 0.00	43.47 2.38 0.00	38.41 2.07 0.00	37.08 1.85 0.00

ARTHUR_KILL_COGEN 323718	42.53 1.91 0.00	35.80 1.75 0.00	33.82 1.52 0.00	37.39 1.67 0.00	35.05 1.64 0.00	33.11 1.58 0.00	30.37 1.57 0.00	36.14 2.07 0.00	30.92 1.83 0.00	26.86 1.70 0.00	29.62 1.88 0.00	28.52 1.84 0.00	27.93 1.88 0.00	27.13 1.95 0.00	36.00 2.59 0.00	31.44 2.17 0.00	39.90 2.55 0.00	43.45 2.58 0.00	55.96 3.34 0.00	62.06 3.70 0.00	44.79 2.49 0.00	43.68 2.59 0.00	38.70 2.37 0.00	37.30 2.07 0.00
ASHOKAN____ 23654	42.02 1.41 0.00	35.23 1.17 0.00	33.38 1.07 0.00	36.86 1.14 0.00	34.51 1.11 0.00	32.67 1.14 0.00	29.94 1.15 0.00	35.63 1.55 0.00	30.46 1.37 0.00	26.31 1.14 0.00	28.91 1.17 0.00	27.64 0.96 0.00	26.96 0.91 0.00	26.22 1.04 0.00	34.87 1.47 0.00	30.61 1.34 0.00	39.04 1.69 0.00	42.95 2.08 0.00	55.44 2.83 0.00	61.36 3.00 0.00	44.31 2.01 0.00	42.96 1.87 0.00	37.81 1.48 0.00	36.45 1.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.23 1.44 0.00	35.95 1.88 0.00	30.78 1.69 0.00	26.74 1.57 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.44 2.18 0.00	39.92 2.57 0.00	43.54 2.67 0.00	56.12 3.51 0.00	62.22 3.86 0.00	44.92 2.62 0.00	43.71 2.62 0.00	38.60 2.27 0.00	37.26 2.02 0.00
ASTORIA_EAST_ENERGY_CC2 323582	42.36 1.75 0.00	35.53 1.48 0.01	33.62 1.32 0.01	37.17 1.45 0.01	34.82 1.43 0.01	32.92 1.39 0.00	30.21 1.42 0.00	35.95 1.87 0.00	30.75 1.66 0.00	26.73 1.56 0.00	29.48 1.75 0.00	28.38 1.70 0.00	27.81 1.76 0.00	27.02 1.84 0.00	35.92 2.51 0.00	31.43 2.17 0.00	39.91 2.56 0.00	43.51 2.64 0.00	56.10 3.48 0.00	62.21 3.85 0.00	44.89 2.59 0.00	43.70 2.61 0.00	38.58 2.25 0.00	37.24 2.00 0.00
ASTORIA_GT2_1 24094	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT2_2 24095	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT2_3 24096	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT2_4 24097	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT3_1 24098	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT3_2 24099	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT3_3 24100	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT3_4 24101	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT4_1 24102	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT4_2 24103	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT4_3 24104	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00

ASTORIA_GT4_4 24105	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.24 1.44 0.00	35.95 1.88 0.00	30.77 1.68 0.00	26.74 1.58 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.45 2.19 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.12 3.50 0.00	62.23 3.87 0.00	44.92 2.62 0.00	43.72 2.63 0.00	38.61 2.27 0.00	37.26 2.03 0.00
ASTORIA_GT_1 23523	42.46 1.84 0.00	35.61 1.55 0.01	33.69 1.39 0.01	37.24 1.53 0.01	34.89 1.49 0.01	32.99 1.45 0.00	30.28 1.48 0.00	36.02 1.94 0.00	30.82 1.73 0.00	26.79 1.62 0.00	29.55 1.81 0.00	28.45 1.77 0.00	27.87 1.81 0.00	27.09 1.90 0.00	35.99 2.58 0.00	31.50 2.24 0.00	39.99 2.64 0.00	43.62 2.75 0.00	56.23 3.61 0.00	62.34 3.98 0.00	45.01 2.71 0.00	43.80 2.71 0.00	38.68 2.34 0.00	37.32 2.08 0.00
ASTORIA_GT_10 24110	42.54 1.92 0.00	35.77 1.72 0.00	33.83 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.95 1.90 0.00	27.15 1.97 0.00	35.98 2.58 0.00	31.41 2.16 0.00	39.90 2.55 0.00	43.43 2.56 0.00	55.90 3.29 0.00	62.00 3.64 0.00	44.75 2.45 0.00	43.56 2.47 0.00	38.52 2.19 0.00	37.24 2.00 0.00
ASTORIA_GT_11 24225	42.54 1.92 0.00	35.77 1.72 0.00	33.83 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.95 1.90 0.00	27.15 1.97 0.00	35.98 2.58 0.00	31.41 2.16 0.00	39.90 2.55 0.00	43.43 2.56 0.00	55.90 3.29 0.00	62.00 3.64 0.00	44.75 2.45 0.00	43.56 2.47 0.00	38.52 2.19 0.00	37.24 2.00 0.00
ASTORIA_GT_12 24226	42.54 1.92 0.00	35.77 1.72 0.00	33.83 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.95 1.90 0.00	27.15 1.97 0.00	35.98 2.58 0.00	31.41 2.16 0.00	39.90 2.55 0.00	43.43 2.56 0.00	55.90 3.29 0.00	62.00 3.64 0.00	44.75 2.45 0.00	43.56 2.47 0.00	38.52 2.19 0.00	37.24 2.00 0.00
ASTORIA_GT_13 24227	42.54 1.92 0.00	35.77 1.72 0.00	33.83 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.95 1.90 0.00	27.15 1.97 0.00	35.98 2.58 0.00	31.41 2.16 0.00	39.90 2.55 0.00	43.43 2.56 0.00	55.90 3.29 0.00	62.00 3.64 0.00	44.75 2.45 0.00	43.56 2.47 0.00	38.52 2.19 0.00	37.24 2.00 0.00
ASTORIA_GT_5 24106	42.46 1.84 0.00	35.61 1.55 0.01	33.69 1.39 0.01	37.24 1.53 0.01	34.89 1.49 0.01	32.99 1.45 0.00	30.28 1.48 0.00	36.02 1.94 0.00	30.82 1.73 0.00	26.79 1.62 0.00	29.55 1.81 0.00	28.45 1.77 0.00	27.87 1.81 0.00	27.09 1.90 0.00	35.99 2.58 0.00	31.50 2.24 0.00	39.99 2.64 0.00	43.62 2.75 0.00	56.23 3.61 0.00	62.34 3.98 0.00	45.01 2.71 0.00	43.80 2.71 0.00	38.68 2.34 0.00	37.32 2.08 0.00
ASTORIA_GT_7 24107	42.46 1.84 0.00	35.61 1.55 0.01	33.69 1.39 0.01	37.24 1.53 0.01	34.89 1.49 0.01	32.99 1.45 0.00	30.28 1.48 0.00	36.02 1.94 0.00	30.82 1.73 0.00	26.79 1.62 0.00	29.55 1.81 0.00	28.45 1.77 0.00	27.87 1.81 0.00	27.09 1.90 0.00	35.99 2.58 0.00	31.50 2.24 0.00	39.99 2.64 0.00	43.62 2.75 0.00	56.23 3.61 0.00	62.34 3.98 0.00	45.01 2.71 0.00	43.80 2.71 0.00	38.68 2.34 0.00	37.32 2.08 0.00
ASTORIA_GT_8 24108	42.46 1.84 0.00	35.61 1.55 0.01	33.69 1.39 0.01	37.24 1.53 0.01	34.89 1.49 0.01	32.99 1.45 0.00	30.28 1.48 0.00	36.02 1.94 0.00	30.82 1.73 0.00	26.79 1.62 0.00	29.55 1.81 0.00	28.45 1.77 0.00	27.87 1.81 0.00	27.09 1.90 0.00	35.99 2.58 0.00	31.50 2.24 0.00	39.99 2.64 0.00	43.62 2.75 0.00	56.23 3.61 0.00	62.34 3.98 0.00	45.01 2.71 0.00	43.80 2.71 0.00	38.68 2.34 0.00	37.32 2.08 0.00
ASTORIA___2 24149	42.38 1.76 0.00	35.55 1.50 0.01	33.64 1.34 0.01	37.17 1.46 0.01	34.84 1.45 0.01	32.93 1.40 0.00	30.23 1.44 0.00	35.95 1.88 0.00	30.78 1.69 0.00	26.74 1.57 0.00	29.50 1.76 0.00	28.40 1.71 0.00	27.82 1.77 0.00	27.04 1.85 0.00	35.93 2.52 0.00	31.44 2.18 0.00	39.92 2.57 0.00	43.54 2.67 0.00	56.12 3.51 0.00	62.22 3.86 0.00	44.92 2.62 0.00	43.71 2.62 0.00	38.60 2.27 0.00	37.26 2.02 0.00
ASTORIA___3 23516	42.54 1.92 0.00	35.77 1.72 0.00	33.84 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.37 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.71 0.00	29.65 1.91 0.00	28.55 1.86 0.00	27.95 1.90 0.00	27.15 1.97 0.00	35.98 2.58 0.00	31.41 2.16 0.00	39.90 2.55 0.00	43.43 2.56 0.00	55.91 3.29 0.00	62.00 3.64 0.00	44.73 2.43 0.00	43.55 2.46 0.00	38.51 2.18 0.00	37.24 2.00 0.00
ASTORIA___4 23517	42.54 1.92 0.00	35.77 1.72 0.00	33.83 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.95 1.90 0.00	27.15 1.97 0.00	35.98 2.58 0.00	31.41 2.16 0.00	39.90 2.55 0.00	43.43 2.56 0.00	55.90 3.29 0.00	62.00 3.64 0.00	44.75 2.45 0.00	43.56 2.47 0.00	38.52 2.19 0.00	37.24 2.00 0.00
ASTORIA___5 23518	42.54 1.92 0.00	35.77 1.72 0.00	33.84 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.37 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.86 0.00	27.95 1.90 0.00	27.15 1.97 0.00	35.98 2.58 0.00	31.41 2.16 0.00	39.90 2.55 0.00	43.43 2.56 0.00	55.90 3.29 0.00	62.00 3.64 0.00	44.73 2.43 0.00	43.55 2.46 0.00	38.51 2.18 0.00	37.24 2.00 0.00
AST_ENERGY_2_CC3 323677	41.95 1.33 0.00	35.19 1.14 0.01	33.29 0.99 0.01	36.81 1.10 0.01	34.49 1.09 0.01	32.60 1.07 0.00	29.93 1.13 0.00	35.61 1.53 0.00	30.47 1.38 0.00	26.47 1.31 0.00	29.20 1.46 0.00	28.11 1.42 0.00	27.56 1.51 0.00	26.83 1.65 0.00	35.57 2.17 0.00	31.15 1.89 0.00	39.54 2.19 0.00	43.12 2.25 0.00	55.58 2.96 0.00	61.63 3.27 0.00	44.47 2.17 0.00	43.29 2.20 0.00	38.22 1.88 0.00	36.89 1.66 0.00
AST_ENERGY_2_CC4 323678	41.95 1.33 0.00	35.19 1.14 0.01	33.29 0.99 0.01	36.81 1.10 0.01	34.49 1.09 0.01	32.60 1.07 0.00	29.93 1.13 0.00	35.61 1.53 0.00	30.47 1.38 0.00	26.47 1.31 0.00	29.20 1.46 0.00	28.11 1.42 0.00	27.56 1.51 0.00	26.83 1.65 0.00	35.57 2.17 0.00	31.15 1.89 0.00	39.54 2.19 0.00	43.12 2.25 0.00	55.58 2.96 0.00	61.63 3.27 0.00	44.47 2.17 0.00	43.29 2.20 0.00	38.22 1.88 0.00	36.89 1.66 0.00

ATHENS_STG_1 23668	41.52 0.90 0.00	34.85 0.79 0.00	33.06 0.76 0.00	36.52 0.80 0.00	34.19 0.79 0.00	32.33 0.79 0.00	29.57 0.77 0.00	35.11 1.04 0.00	30.02 0.93 0.00	26.02 0.86 0.00	28.71 0.97 0.00	27.60 0.91 0.00	26.96 0.91 0.00	26.08 0.90 0.00	34.56 1.16 0.00	30.24 0.98 0.00	38.65 1.30 0.00	42.26 1.39 0.00	54.38 1.76 0.00	60.27 1.91 0.00	43.61 1.32 0.00	42.38 1.29 0.00	37.41 1.08 0.00	36.16 0.93 0.00
ATHENS_STG_2 23670	41.52 0.90 0.00	34.85 0.79 0.00	33.06 0.76 0.00	36.52 0.80 0.00	34.19 0.79 0.00	32.33 0.79 0.00	29.57 0.77 0.00	35.11 1.04 0.00	30.02 0.93 0.00	26.02 0.86 0.00	28.71 0.97 0.00	27.60 0.91 0.00	26.96 0.91 0.00	26.08 0.90 0.00	34.56 1.16 0.00	30.24 0.98 0.00	38.65 1.30 0.00	42.26 1.39 0.00	54.38 1.76 0.00	60.27 1.91 0.00	43.61 1.32 0.00	42.38 1.29 0.00	37.41 1.08 0.00	36.16 0.93 0.00
ATHENS_STG_3 23677	41.52 0.90 0.00	34.85 0.79 0.00	33.06 0.76 0.00	36.52 0.80 0.00	34.19 0.79 0.00	32.33 0.79 0.00	29.57 0.77 0.00	35.11 1.04 0.00	30.02 0.93 0.00	26.02 0.86 0.00	28.71 0.97 0.00	27.60 0.91 0.00	26.96 0.91 0.00	26.08 0.90 0.00	34.56 1.16 0.00	30.24 0.98 0.00	38.65 1.30 0.00	42.26 1.39 0.00	54.38 1.76 0.00	60.27 1.91 0.00	43.61 1.32 0.00	42.38 1.29 0.00	37.41 1.08 0.00	36.16 0.93 0.00
AUBURN____LFGE 323710	40.63 0.01 0.00	33.93 -0.13 0.00	32.23 -0.08 0.00	35.66 -0.06 0.00	33.39 -0.01 0.00	31.43 -0.11 0.00	28.66 -0.14 0.00	33.97 -0.11 0.00	28.92 -0.17 0.00	25.00 -0.16 0.00	27.49 -0.25 0.00	26.42 -0.26 0.00	25.90 -0.15 0.00	25.00 -0.18 0.00	33.26 -0.15 0.00	29.30 0.03 0.00	37.31 -0.04 0.00	40.86 -0.01 0.00	52.72 0.11 0.00	58.70 0.25 -0.10	42.36 0.06 0.00	41.02 -0.07 0.00	36.37 0.04 0.00	35.29 0.06 0.00
BABYLON_RES_REC 323704	50.20 2.20 -7.38	46.59 1.97 -10.56	45.31 1.81 -11.19	47.16 2.02 -9.42	47.44 1.95 -12.09	47.74 1.89 -14.32	48.22 1.80 -17.62	42.20 2.31 -5.81	31.71 1.91 -0.71	26.88 1.72 0.00	29.57 1.82 0.00	28.38 1.70 0.00	27.70 1.65 0.00	26.90 1.72 0.00	35.64 2.24 0.00	24.84 1.59 6.02	38.26 2.11 1.20	42.03 2.43 1.26	53.78 3.03 1.86	59.50 3.25 2.10	43.09 2.20 1.41	42.10 2.22 1.22	38.25 1.92 0.00	36.89 1.66 0.00
BALL_HILL_WT_PWR 323825	39.15 -1.17 0.30	32.72 -1.18 0.16	31.08 -1.23 0.00	34.37 -1.31 0.05	32.31 -1.10 0.00	30.42 -1.08 0.03	27.34 -1.13 0.32	31.39 -1.61 1.08	19.41 -1.17 8.51	24.26 -0.74 0.17	27.33 -0.41 0.00	26.52 -0.16 0.00	25.69 -0.36 0.00	24.74 -0.45 0.00	32.75 -0.66 0.00	28.06 -0.68 0.52	34.77 -1.45 1.13	37.95 -2.09 0.83	49.19 -2.24 1.18	53.93 -1.93 2.49	39.65 -1.49 1.16	38.40 -1.52 1.18	33.97 -1.25 1.12	33.37 -0.79 1.07
BARON_WINDS____WT_PWR 323822	39.19 -1.56 -0.13	32.77 -1.36 -0.07	30.81 -1.50 0.00	34.16 -1.58 -0.02	31.95 -1.46 0.00	30.16 -1.39 -0.01	27.66 -1.29 -0.14	32.78 -1.77 -0.48	31.52 -1.34 -3.78	24.14 -1.10 -0.08	26.73 -1.02 0.00	25.74 -0.94 0.00	24.93 -1.13 0.00	24.00 -1.18 0.00	32.02 -1.39 0.00	28.24 -1.26 -0.23	27.87 -1.79 7.69	39.10 -2.14 -0.37	50.80 -2.34 -0.53	57.53 -1.94 -1.11	41.40 -1.42 -0.52	40.34 -1.27 -0.53	36.07 -0.76 -0.50	35.31 -0.40 -0.48
BARRETT_IC_1 23704	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_10 23701	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_11 23702	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_12 23703	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_2 23705	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_3 23706	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_4 23707	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_5 23708	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00

BARRETT_IC_6 23709	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_7 23710	49.77 1.98 -7.17	45.84 1.74 -10.04	44.53 1.58 -10.64	46.42 1.74 -8.96	46.60 1.70 -11.50	46.79 1.64 -13.61	47.14 1.58 -16.76	41.61 2.01 -5.53	31.48 1.72 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.64 0.00	26.92 1.74 0.00	35.68 2.24 -0.03	31.31 1.61 -0.44	39.43 2.08 0.00	43.15 2.28 0.00	55.38 2.77 0.00	61.22 2.87 0.00	44.22 1.92 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_8 23711	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT_IC_9 23700	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT___1 23545	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BARRETT___2 23546	49.76 1.97 -7.17	45.80 1.70 -10.04	44.51 1.57 -10.64	46.39 1.71 -8.96	46.57 1.67 -11.50	46.76 1.61 -13.61	47.11 1.56 -16.76	41.59 1.99 -5.53	31.49 1.73 -0.67	26.79 1.62 0.00	29.48 1.74 0.00	28.36 1.67 0.00	27.70 1.65 0.00	26.92 1.74 0.00	35.67 2.23 -0.03	31.30 1.59 -0.44	39.43 2.08 0.00	43.14 2.28 0.00	55.38 2.77 0.00	61.22 2.86 0.00	44.20 1.90 0.00	43.03 1.94 0.00	38.03 1.70 0.00	36.73 1.50 0.00
BATAVIA___115KV_TB1 55881	40.59 -0.03 0.00	33.90 -0.15 0.00	32.12 -0.19 0.00	35.47 -0.25 0.00	33.29 -0.11 0.00	31.51 -0.03 0.00	28.66 -0.13 0.00	33.52 -0.56 0.00	28.74 -0.34 0.00	25.07 -0.09 0.00	27.77 0.03 0.00	27.00 0.31 0.00	26.38 0.33 0.00	25.45 0.26 0.00	33.67 0.26 0.00	29.43 0.17 0.00	36.19 -0.36 0.79	39.95 -0.92 0.00	51.84 -0.77 0.00	57.74 -0.62 0.00	41.94 -0.36 0.00	40.52 -0.57 0.00	35.93 -0.40 0.00	35.34 0.11 0.00
BAYONEEC___CTG1 323682	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG10 323750	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG2 323683	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG3 323684	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG4 323685	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG5 323686	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG6 323687	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG7 323688	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00

BAYONEEC___CTG8 323689	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BAYONEEC___CTG9 323749	42.51 1.89 0.00	35.70 1.64 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.52 0.00	30.31 1.51 0.00	36.07 2.00 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.12 1.94 0.00	35.97 2.56 0.00	31.38 2.12 0.00	39.93 2.58 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.60 2.50 0.00	38.51 2.18 0.00	37.18 1.95 0.00
BEACON___LESR 323632	41.40 0.78 0.00	34.69 0.63 0.00	32.96 0.65 0.00	36.38 0.66 0.00	34.10 0.70 0.00	32.27 0.74 0.00	29.56 0.76 0.00	35.13 1.06 0.00	29.95 0.86 0.00	25.95 0.78 0.00	28.47 0.73 0.00	27.31 0.62 0.00	26.68 0.62 0.00	25.91 0.72 0.00	34.34 0.93 0.00	30.14 0.88 0.00	38.58 1.23 0.00	42.27 1.40 0.00	54.47 1.86 0.00	60.38 2.02 0.00	43.58 1.29 0.00	42.20 1.11 0.00	37.31 0.98 0.00	36.03 0.79 0.00
BEAVER RIVER___HYD 24048	40.63 0.01 0.00	34.14 0.08 0.00	32.39 0.08 0.00	35.73 0.01 0.00	33.43 0.03 0.00	31.47 -0.07 0.00	28.66 -0.13 0.00	33.82 -0.25 0.00	28.75 -0.34 0.00	24.46 -0.71 0.00	26.54 -1.20 0.00	25.38 -1.31 0.00	24.81 -1.24 0.00	23.94 -1.24 0.00	31.78 -1.63 0.00	28.27 -0.99 0.00	36.39 -0.73 0.22	39.10 -0.34 1.43	51.93 -0.50 0.18	57.66 -0.29 0.40	42.00 -0.29 0.00	41.00 -0.09 0.00	36.14 -0.19 0.00	34.80 -0.44 0.00
BEEBEE_GT_13 23619	40.34 -0.28 0.00	33.72 -0.34 0.00	31.97 -0.34 0.00	35.31 -0.41 0.00	33.08 -0.32 0.00	31.27 -0.26 0.00	28.52 -0.28 0.00	33.55 -0.53 0.00	28.71 -0.38 0.00	24.97 -0.20 0.00	27.64 -0.10 0.00	26.80 0.11 0.00	26.17 0.12 0.00	25.24 0.06 0.00	33.51 0.10 0.00	29.32 0.06 0.00	37.06 -0.29 0.00	40.28 -0.59 0.00	52.10 -0.52 0.00	57.91 -0.45 0.00	41.98 -0.32 0.00	40.62 -0.48 0.00	35.94 -0.40 0.00	35.11 -0.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.80 2.18 0.00	35.97 1.91 0.00	34.00 1.68 0.00	37.56 1.84 0.00	35.20 1.80 0.00	33.27 1.73 0.00	30.51 1.71 0.00	36.32 2.24 0.00	31.08 1.99 0.00	27.02 1.85 0.00	29.83 2.09 0.00	28.73 2.05 0.00	28.14 2.08 0.00	27.34 2.16 0.00	36.25 2.85 0.00	31.66 2.40 0.00	40.22 2.87 0.00	43.82 2.95 0.00	56.46 3.84 0.00	62.62 4.26 0.00	45.18 2.89 0.00	43.99 2.90 0.00	38.89 2.56 0.00	37.51 2.28 0.00
BETHLEHEM___GRP 23843	40.74 0.12 0.00	34.23 0.17 0.00	32.52 0.21 0.00	35.88 0.16 0.00	33.62 0.22 0.00	31.83 0.30 0.00	29.12 0.32 0.00	34.54 0.47 0.00	29.51 0.42 0.00	25.58 0.41 0.00	28.12 0.38 0.00	26.99 0.30 0.00	26.36 0.31 0.00	25.54 0.36 0.00	33.81 0.41 0.00	29.69 0.43 0.00	37.91 0.56 0.00	41.53 0.66 0.00	53.48 0.87 0.00	59.26 0.90 0.00	42.85 0.55 0.00	41.60 0.51 0.00	36.70 0.37 0.00	35.47 0.24 0.00
BETHLEHEM___GS1 323560	40.74 0.12 0.00	34.23 0.17 0.00	32.52 0.21 0.00	35.88 0.16 0.00	33.62 0.22 0.00	31.84 0.30 0.00	29.12 0.32 0.00	34.53 0.46 0.00	29.50 0.41 0.00	25.57 0.41 0.00	28.12 0.38 0.00	26.99 0.30 0.00	26.36 0.31 0.00	25.54 0.36 0.00	33.81 0.41 0.00	29.69 0.43 0.00	37.91 0.56 0.00	41.52 0.66 0.00	53.48 0.87 0.00	59.25 0.90 0.00	42.85 0.55 0.00	41.60 0.51 0.00	36.70 0.37 0.00	35.47 0.23 0.00
BETHLEHEM___GS2 323561	40.74 0.12 0.00	34.23 0.17 0.00	32.52 0.21 0.00	35.88 0.16 0.00	33.62 0.22 0.00	31.84 0.30 0.00	29.12 0.32 0.00	34.53 0.46 0.00	29.50 0.41 0.00	25.57 0.41 0.00	28.12 0.38 0.00	26.99 0.30 0.00	26.36 0.31 0.00	25.54 0.36 0.00	33.81 0.41 0.00	29.69 0.43 0.00	37.91 0.56 0.00	41.52 0.66 0.00	53.48 0.87 0.00	59.25 0.90 0.00	42.85 0.55 0.00	41.60 0.51 0.00	36.70 0.37 0.00	35.47 0.23 0.00
BETHLEHEM___GS3 323562	40.74 0.12 0.00	34.23 0.17 0.00	32.52 0.21 0.00	35.88 0.16 0.00	33.62 0.22 0.00	31.84 0.30 0.00	29.12 0.32 0.00	34.53 0.46 0.00	29.50 0.41 0.00	25.57 0.41 0.00	28.12 0.38 0.00	26.99 0.30 0.00	26.36 0.31 0.00	25.54 0.36 0.00	33.81 0.41 0.00	29.69 0.43 0.00	37.91 0.56 0.00	41.52 0.66 0.00	53.48 0.87 0.00	59.25 0.90 0.00	42.85 0.55 0.00	41.60 0.51 0.00	36.70 0.37 0.00	35.47 0.23 0.00
BETHLEHEM___STEEL 23779	39.78 -0.84 0.00	33.18 -0.88 0.00	31.39 -0.92 0.00	34.71 -1.01 0.00	32.57 -0.83 0.00	30.78 -0.76 0.00	28.00 -0.79 0.00	32.75 -1.32 0.00	28.15 -0.94 0.00	24.63 -0.53 0.00	27.50 -0.24 0.00	26.74 0.05 0.00	25.89 -0.17 0.00	24.92 -0.27 0.00	32.99 -0.42 0.00	28.80 -0.46 0.00	34.66 -1.35 1.35	38.84 -2.03 0.00	50.46 -2.16 0.00	56.45 -1.91 0.00	40.98 -1.32 0.00	39.70 -1.39 0.00	35.29 -1.05 0.00	34.79 -0.45 0.00
BETHLHEM_115KV_TB1 79974	40.86 0.24 0.00	34.32 0.26 0.00	32.60 0.29 0.00	35.98 0.26 0.00	33.70 0.30 0.00	31.90 0.37 0.00	29.17 0.38 0.00	34.62 0.54 0.00	29.57 0.48 0.00	25.63 0.46 0.00	28.18 0.44 0.00	27.06 0.37 0.00	26.43 0.38 0.00	25.59 0.41 0.00	33.90 0.49 0.00	29.75 0.49 0.00	38.00 0.65 0.00	41.62 0.74 0.00	53.59 0.97 0.00	59.39 1.03 0.00	42.95 0.65 0.00	41.70 0.61 0.00	36.80 0.46 0.00	35.57 0.34 0.00
BETHPAGE_CC_5 323564	50.91 2.29 -8.01	47.26 1.99 -11.21	46.01 1.83 -11.87	47.76 2.04 -10.00	48.20 1.97 -12.83	48.63 1.90 -15.20	49.31 1.81 -18.71	42.58 2.33 -6.17	31.77 1.93 -0.75	26.92 1.75 0.00	29.61 1.87 0.00	28.42 1.74 0.00	27.74 1.69 0.00	26.93 1.74 0.00	35.66 2.25 0.00	25.57 1.63 5.32	39.39 2.05 0.00	43.15 2.28 0.00	55.47 2.86 0.00	61.40 3.04 0.00	44.35 2.05 0.00	43.16 2.07 0.00	38.15 1.82 0.00	36.86 1.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.82 -0.80 0.00	33.21 -0.85 0.00	31.42 -0.89 0.00	34.74 -0.98 0.00	32.59 -0.81 0.00	30.80 -0.74 0.00	28.03 -0.76 0.00	32.82 -1.26 0.00	28.21 -0.88 0.00	24.68 -0.48 0.00	27.55 -0.19 0.00	26.77 0.08 0.00	25.92 -0.13 0.00	24.93 -0.26 0.00	33.01 -0.40 0.00	28.83 -0.43 0.00	34.77 -1.31 1.28	38.91 -1.96 0.00	50.60 -2.02 0.00	56.63 -1.73 0.00	41.08 -1.22 0.00	39.79 -1.31 0.00	35.36 -0.97 0.00	34.85 -0.38 0.00
BINGHAMTON___COGEN 23790	40.67 0.05 0.00	34.05 -0.01 0.00	32.23 -0.08 0.00	35.66 -0.06 0.00	33.36 -0.04 0.00	31.47 -0.07 0.00	28.75 -0.05 0.00	34.02 -0.06 0.00	29.14 0.06 0.00	25.22 0.05 0.00	27.94 0.19 0.00	26.89 0.20 0.00	26.21 0.15 0.00	25.33 0.15 0.00	33.60 0.19 0.00	29.41 0.14 0.00	37.57 0.22 0.00	40.95 0.08 0.00	52.72 0.11 0.00	58.63 0.28 0.00	42.39 0.09 0.00	41.19 0.10 0.00	36.48 0.14 0.00	35.41 0.17 0.00

BIXINCNT_115KV_LOAD 355685	39.27 -1.34 0.00	32.76 -1.29 0.00	31.09 -1.22 0.00	34.22 -1.50 0.00	32.15 -1.25 0.00	30.33 -1.21 0.00	27.58 -1.22 0.00	32.61 -1.46 0.00	28.21 -0.87 0.00	24.59 -0.58 0.00	27.49 -0.26 0.00	26.48 -0.21 0.00	25.52 -0.54 0.00	24.23 -0.95 0.00	31.99 -1.42 0.00	28.11 -1.15 0.00	34.06 -2.41 0.88	38.06 -2.81 0.00	50.69 -1.92 0.00	57.22 -1.14 0.00	41.40 -0.90 0.00	39.87 -1.22 0.00	35.48 -0.85 0.00	34.80 -0.43 0.00
BLACK RIVER___HYD 24047	40.73 0.11 0.00	34.25 0.19 0.00	32.50 0.19 0.00	35.81 0.09 0.00	33.50 0.10 0.00	31.59 0.06 0.00	28.75 -0.05 0.00	33.92 -0.15 0.00	28.78 -0.31 0.00	24.38 -0.79 0.00	26.34 -1.40 0.00	25.17 -1.52 0.00	24.62 -1.43 0.00	23.71 -1.48 0.00	31.43 -1.98 0.00	28.12 -1.15 0.00	36.58 -0.62 0.15	39.93 0.03 0.97	52.52 0.03 0.12	58.36 0.19 0.20	42.32 0.02 0.00	41.25 0.15 0.00	36.28 -0.05 0.00	34.87 -0.36 0.00
BLACKRVR_115KV_TB2 79977	40.72 0.11 0.00	34.25 0.19 0.00	32.50 0.19 0.00	35.81 0.09 0.00	33.50 0.10 0.00	31.59 0.06 0.00	28.75 -0.05 0.00	33.92 -0.15 0.00	28.78 -0.31 0.00	24.38 -0.79 0.00	26.34 -1.41 0.00	25.17 -1.52 0.00	24.62 -1.43 0.00	23.71 -1.48 0.00	31.43 -1.98 0.00	28.11 -1.15 0.00	36.58 -0.62 0.15	39.93 0.03 0.97	52.52 0.03 0.12	58.35 0.19 0.20	42.32 0.02 0.00	41.24 0.15 0.00	36.28 -0.05 0.00	34.87 -0.37 0.00
BLDWN_LI_69_KV_BK4 356085	51.90 2.32 -8.96	48.60 2.00 -12.55	47.43 1.83 -13.29	48.94 2.02 -11.20	49.72 1.96 -14.37	50.44 1.89 -17.01	51.55 1.82 -20.94	43.30 2.31 -6.91	31.85 1.92 -0.84	26.94 1.77 0.00	29.65 1.91 0.00	28.50 1.82 0.00	27.82 1.77 0.00	27.04 1.86 0.00	35.85 2.43 -0.01	28.34 1.82 2.74	39.71 2.36 0.00	43.49 2.62 0.00	55.90 3.29 0.00	61.87 3.51 0.00	44.66 2.37 0.00	43.47 2.38 0.00	38.39 2.05 0.00	37.04 1.81 0.00
BLISS_WT_PWR 323608	38.71 -1.58 0.33	32.38 -1.50 0.18	30.92 -1.39 0.00	33.92 -1.75 0.05	31.94 -1.46 0.00	30.09 -1.41 0.03	27.01 -1.43 0.36	31.26 -1.62 1.19	18.66 -1.02 9.41	24.28 -0.69 0.19	27.37 -0.38 0.00	26.30 -0.38 0.00	25.32 -0.74 0.00	23.97 -1.21 0.00	31.64 -1.77 0.00	27.27 -1.41 0.58	33.63 -2.84 0.88	36.76 -3.19 0.92	49.24 -2.06 1.31	54.47 -1.13 2.75	40.12 -0.90 1.28	38.47 -1.32 1.30	34.17 -0.92 1.24	33.50 -0.55 1.18
BLUESTONE___WT_PWR 323821	40.58 -0.10 -0.06	33.71 -0.38 -0.03	31.80 -0.50 0.00	34.97 -0.76 -0.01	32.70 -0.70 0.00	30.56 -0.98 -0.01	27.95 -0.91 -0.07	33.15 -1.15 -0.22	29.99 -0.86 -1.76	24.22 -0.98 -0.04	26.91 -0.83 0.00	25.91 -0.77 0.00	25.07 -0.98 0.00	23.81 -1.37 0.00	31.35 -2.06 0.00	27.81 -1.53 -0.09	35.93 -1.42 0.00	39.75 -1.26 -0.14	51.66 -1.16 -0.20	58.19 -0.58 -0.42	41.86 -0.63 -0.19	40.53 -0.76 -0.20	35.82 -0.71 -0.19	34.64 -0.77 -0.18
BLUE_CIRC_CHEM_DRP 24182	41.33 0.71 0.00	34.71 0.65 0.00	32.97 0.66 0.00	36.40 0.69 0.00	34.09 0.69 0.00	32.25 0.71 0.00	29.48 0.69 0.00	34.96 0.89 0.00	29.81 0.72 0.00	25.74 0.57 0.00	28.30 0.56 0.00	27.18 0.49 0.00	26.55 0.50 0.00	25.70 0.51 0.00	34.11 0.70 0.00	29.93 0.66 0.00	38.31 0.96 0.00	41.99 1.12 0.00	54.05 1.44 0.00	59.91 1.55 0.00	43.37 1.07 0.00	42.10 1.01 0.00	37.17 0.83 0.00	35.95 0.71 0.00
BOC_GAS_DRP 24189	41.14 0.52 0.00	34.55 0.49 0.00	32.79 0.49 0.00	36.22 0.50 0.00	33.90 0.50 0.00	32.07 0.54 0.00	29.32 0.52 0.00	34.78 0.71 0.00	29.71 0.62 0.00	25.75 0.59 0.00	28.37 0.63 0.00	27.25 0.56 0.00	26.62 0.57 0.00	25.75 0.57 0.00	34.12 0.71 0.00	29.89 0.63 0.00	38.19 0.85 0.00	41.79 0.93 0.00	53.80 1.18 0.00	59.64 1.28 0.00	43.16 0.86 0.00	41.93 0.84 0.00	37.02 0.68 0.00	35.80 0.56 0.00
BOONVILLE_115KV_TB1 79983	40.98 0.36 0.00	34.39 0.33 0.00	32.62 0.31 0.00	36.03 0.32 0.00	33.73 0.33 0.00	31.83 0.29 0.00	29.03 0.23 0.00	34.33 0.26 0.00	29.25 0.16 0.00	25.06 -0.10 0.00	27.40 -0.34 0.00	26.30 -0.38 0.00	25.69 -0.37 0.00	24.79 -0.39 0.00	32.94 -0.47 0.00	29.16 -0.10 0.00	37.56 0.26 0.05	41.02 0.46 0.31	53.13 0.55 0.04	58.99 0.73 0.10	42.73 0.43 0.00	41.51 0.42 0.00	36.61 0.28 0.00	35.36 0.12 0.00
BORALEX_4TH_BRANCH 23824	42.32 1.70 0.00	35.50 1.44 0.00	33.68 1.37 0.00	37.18 1.46 0.00	34.76 1.36 0.00	32.90 1.36 0.00	30.13 1.34 0.00	35.81 1.74 0.00	30.46 1.37 0.00	26.37 1.21 0.00	28.91 1.16 0.00	27.61 0.93 0.00	26.95 0.89 0.00	26.17 0.99 0.00	34.66 1.25 0.00	30.39 1.13 0.00	39.25 1.90 0.00	43.12 2.26 0.00	55.57 2.96 0.00	61.63 3.27 0.00	44.49 2.19 0.00	43.07 1.98 0.00	37.94 1.61 0.00	36.62 1.39 0.00
BOWLINE___1 23526	42.18 1.57 0.00	35.39 1.32 0.00	33.47 1.16 0.00	37.00 1.28 0.00	34.69 1.29 0.00	32.77 1.24 0.00	30.04 1.25 0.00	35.75 1.67 0.00	30.56 1.48 0.00	26.53 1.37 0.00	29.27 1.53 0.00	28.17 1.49 0.00	27.56 1.51 0.00	26.77 1.59 0.00	35.53 2.13 0.00	31.01 1.75 0.00	39.58 2.23 0.00	43.26 2.39 0.00	55.70 3.09 0.00	61.72 3.36 0.00	44.48 2.18 0.00	43.28 2.19 0.00	38.21 1.88 0.00	36.87 1.63 0.00
BOWLINE___2 23595	42.18 1.56 0.00	35.38 1.32 0.00	33.46 1.15 0.00	37.00 1.28 0.00	34.69 1.29 0.00	32.77 1.23 0.00	30.04 1.24 0.00	35.74 1.67 0.00	30.56 1.47 0.00	26.53 1.36 0.00	29.27 1.53 0.00	28.17 1.48 0.00	27.56 1.51 0.00	26.76 1.58 0.00	35.52 2.11 0.00	31.01 1.75 0.00	39.57 2.22 0.00	43.24 2.37 0.00	55.69 3.08 0.00	61.70 3.34 0.00	44.47 2.17 0.00	43.28 2.19 0.00	38.20 1.87 0.00	36.85 1.62 0.00
BRADY___115KV_TB2 356060	41.61 0.99 0.00	34.84 0.78 0.00	33.03 0.72 0.00	36.56 0.84 0.00	34.09 0.69 0.00	32.12 0.58 0.00	29.33 0.54 0.00	34.68 0.60 0.00	29.45 0.36 0.00	25.21 0.04 0.00	27.64 -0.10 0.00	26.61 -0.08 0.00	25.99 -0.06 0.00	25.17 -0.01 0.00	33.34 -0.06 0.00	29.15 -0.11 0.00	36.45 -0.10 0.80	35.87 0.10 5.10	52.39 0.41 0.64	57.25 0.59 1.70	42.87 0.57 0.00	41.77 0.68 0.00	37.02 0.68 0.00	35.98 0.75 0.00
BRANSCOMB___SOLAR 323811	42.23 1.61 0.00	35.41 1.36 0.00	33.61 1.30 0.00	37.14 1.42 0.00	34.72 1.32 0.00	32.85 1.32 0.00	30.11 1.31 0.00	35.74 1.67 0.00	30.43 1.34 0.00	26.21 1.04 0.00	28.65 0.91 0.00	27.39 0.71 0.00	26.77 0.72 0.00	26.01 0.83 0.00	34.55 1.14 0.00	30.36 1.09 0.00	39.19 1.84 0.00	43.14 2.27 0.00	55.60 2.99 0.00	61.65 3.29 0.00	44.48 2.18 0.00	43.06 1.97 0.00	37.94 1.61 0.00	36.64 1.40 0.00
BRDGHMPT_69_KV_BK1 55812	49.14 2.83 -5.69	45.82 2.44 -9.32	44.44 2.26 -9.87	46.50 2.47 -8.32	46.43 2.36 -10.67	46.48 2.30 -12.64	46.46 2.11 -15.55	41.89 2.68 -5.13	32.00 2.29 -0.62	27.31 2.15 0.00	29.98 2.25 0.00	28.78 2.09 0.00	28.06 2.01 0.00	27.25 2.07 0.00	36.10 2.69 0.00	23.79 2.05 7.52	33.13 2.78 6.99	36.75 3.23 7.35	44.37 2.57 10.81	48.14 2.01 12.23	35.51 1.39 8.17	35.45 1.42 7.06	37.41 1.08 0.00	36.01 0.77 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	48.80 2.15 -6.03	45.75 2.07 -9.62	44.44 1.93 -10.19	46.48 2.17 -8.59	46.50 2.09 -11.02	46.60 2.02 -13.05	46.75 1.90 -16.06	41.80 2.43 -5.30	31.78 2.05 -0.64	27.03 1.87 0.00	29.71 1.96 0.00	28.54 1.85 0.00	27.84 1.79 0.00	27.03 1.85 0.00	35.80 2.39 0.00	23.77 1.68 7.17	33.46 2.19 6.08	37.01 2.52 6.39	46.27 3.06 9.40	51.06 3.33 10.63	37.49 2.29 7.10	37.28 2.33 6.14	38.39 2.06 0.00	37.00 1.76 0.00
BRISTLHL_115KV_TB1 79998	39.74 -0.87 0.00	33.32 -0.74 0.00	31.59 -0.72 0.00	34.90 -0.82 0.00	32.66 -0.74 0.00	30.86 -0.68 0.00	28.15 -0.64 0.00	33.24 -0.83 0.00	28.40 -0.69 0.00	24.55 -0.62 0.00	27.06 -0.68 0.00	26.04 -0.64 0.00	25.42 -0.63 0.00	24.58 -0.60 0.00	32.68 -0.72 0.00	28.67 -0.60 0.00	36.62 -0.73 0.00	40.07 -0.80 0.00	51.63 -0.99 0.00	57.57 -1.10 -0.31	41.46 -0.85 0.00	40.20 -0.89 0.00	35.51 -0.83 0.00	34.42 -0.81 0.00
BROOKHAVEN___DRP 24191	48.33 2.04 -5.67	45.18 1.81 -9.31	43.85 1.67 -9.86	45.89 1.87 -8.31	45.86 1.80 -10.66	45.92 1.76 -12.62	46.00 1.67 -15.54	41.36 2.16 -5.13	31.52 1.80 -0.62	26.80 1.64 0.00	29.43 1.69 0.00	28.25 1.57 0.00	27.56 1.51 0.00	26.76 1.58 0.00	35.44 2.04 0.00	23.14 1.41 7.54	32.15 1.90 7.10	35.61 2.21 7.46	43.94 2.31 10.98	48.35 2.41 12.42	35.71 1.71 8.30	35.72 1.81 7.17	37.81 1.48 0.00	36.42 1.19 0.00
BROOKLYN_NAVY_YARD 23515	42.39 1.77 0.00	35.56 1.51 0.02	33.63 1.34 0.02	37.16 1.46 0.02	34.84 1.45 0.01	32.95 1.42 0.00	30.22 1.42 0.00	35.98 1.90 0.00	30.80 1.71 0.00	26.78 1.62 0.00	29.56 1.81 0.00	28.46 1.78 0.00	27.85 1.80 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.89 2.54 0.00	43.51 2.64 0.00	56.01 3.40 0.00	62.08 3.72 0.00	44.76 2.46 0.00	43.58 2.49 0.00	38.50 2.16 0.00	37.15 1.92 0.00
BROOKLYN___ARMY_DRP 323595	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
BROOME_2_LFGE 323671	40.75 0.05 -0.08	34.09 -0.01 -0.04	32.23 -0.08 0.00	35.67 -0.06 -0.01	33.36 -0.04 0.00	31.48 -0.07 -0.01	28.83 -0.05 -0.08	34.29 -0.06 -0.27	31.28 0.06 -2.14	25.26 0.05 -0.04	27.94 0.20 0.00	26.89 0.20 0.00	26.21 0.16 0.00	25.33 0.15 0.00	33.60 0.19 0.00	29.54 0.14 -0.13	37.57 0.22 0.00	41.17 0.08 -0.21	53.03 0.11 -0.30	59.28 0.28 -0.64	42.69 0.10 -0.30	41.49 0.10 -0.30	36.77 0.15 -0.29	35.68 0.17 -0.27
BROOME___LFGE 323600	40.75 0.05 -0.08	34.09 -0.01 -0.04	32.23 -0.08 0.00	35.67 -0.06 -0.01	33.36 -0.04 0.00	31.48 -0.07 -0.01	28.83 -0.05 -0.08	34.29 -0.06 -0.27	31.28 0.06 -2.14	25.26 0.05 -0.04	27.94 0.20 0.00	26.89 0.20 0.00	26.21 0.16 0.00	25.33 0.15 0.00	33.60 0.19 0.00	29.54 0.14 -0.13	37.57 0.22 0.00	41.17 0.08 -0.21	53.03 0.11 -0.30	59.28 0.28 -0.64	42.69 0.10 -0.30	41.49 0.10 -0.30	36.77 0.15 -0.29	35.68 0.17 -0.27
BROWNFLS_115KV_TB_3_5 80003	40.98 0.36 0.00	34.37 0.31 0.00	32.60 0.30 0.00	36.02 0.30 0.00	33.66 0.26 0.00	31.69 0.15 0.00	28.89 0.10 0.00	34.12 0.05 0.00	28.99 -0.10 0.00	24.73 -0.44 0.00	26.91 -0.83 0.00	25.79 -0.89 0.00	25.22 -0.84 0.00	24.40 -0.78 0.00	32.38 -1.03 0.00	28.59 -0.67 0.00	36.32 -0.60 0.44	37.79 -0.29 2.78	51.77 -0.50 0.35	57.24 -0.24 0.88	42.19 -0.11 0.00	41.23 0.14 0.00	36.44 0.10 0.00	35.22 -0.02 0.00
BROWNSV1_27_KV_LOAD 356125	42.83 2.21 0.00	35.95 1.89 0.00	34.00 1.69 0.00	37.56 1.85 0.00	35.19 1.79 0.00	33.28 1.74 0.00	30.51 1.71 0.00	36.32 2.25 0.00	31.08 2.00 0.00	27.02 1.86 0.00	29.83 2.09 0.00	28.74 2.05 0.00	28.12 2.06 0.00	27.34 2.16 0.00	36.25 2.84 0.00	31.64 2.38 0.00	40.26 2.91 0.00	43.91 3.04 0.00	56.53 3.92 0.00	62.62 4.26 0.00	45.17 2.87 0.00	43.97 2.88 0.00	38.83 2.50 0.00	37.48 2.25 0.00
BURROWS___LYONSDAL 23803	40.79 0.17 0.00	34.25 0.18 0.00	32.49 0.18 0.00	35.88 0.16 0.00	33.59 0.19 0.00	31.67 0.13 0.00	28.87 0.07 0.00	34.12 0.05 0.00	29.06 -0.03 0.00	24.85 -0.31 0.00	27.13 -0.61 0.00	26.01 -0.68 0.00	25.40 -0.65 0.00	24.52 -0.67 0.00	32.57 -0.83 0.00	28.88 -0.38 0.00	37.22 -0.05 0.08	40.48 0.14 0.53	52.70 0.15 0.07	58.54 0.33 0.14	42.43 0.13 0.00	41.27 0.18 0.00	36.39 0.06 0.00	35.10 -0.13 0.00
CAITHNESS_CC_1 323624	48.32 2.05 -5.65	45.18 1.82 -9.30	43.85 1.68 -9.86	45.91 1.89 -8.30	45.87 1.82 -10.65	45.93 1.77 -12.61	46.00 1.68 -15.52	41.38 2.18 -5.12	31.54 1.83 -0.62	26.80 1.64 0.00	29.43 1.70 0.00	28.27 1.59 0.00	27.57 1.52 0.00	26.78 1.60 0.00	35.45 2.04 0.00	23.12 1.40 7.55	32.04 1.89 7.20	35.48 2.18 7.57	43.79 2.30 11.13	48.20 2.43 12.59	35.61 1.73 8.41	35.64 1.82 7.27	37.83 1.50 0.00	36.45 1.21 0.00
CALPINE BETH_PAGE_GT4 24209	51.44 2.30 -8.52	47.98 1.99 -11.92	46.77 1.83 -12.63	48.39 2.03 -10.64	49.02 1.96 -13.65	49.60 1.89 -16.17	50.51 1.81 -19.90	42.97 2.33 -6.56	31.80 1.92 -0.80	26.92 1.75 0.00	29.62 1.88 0.00	28.45 1.77 0.00	27.78 1.72 0.00	26.98 1.79 0.00	35.75 2.34 0.00	26.37 1.72 4.62	39.46 2.11 0.00	43.22 2.35 0.00	55.55 2.94 0.00	61.48 3.12 0.00	44.41 2.11 0.00	43.23 2.14 0.00	38.28 1.95 0.00	36.95 1.71 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.44 2.30 -8.52	47.98 1.99 -11.92	46.78 1.84 -12.63	48.39 2.04 -10.64	49.03 1.97 -13.65	49.60 1.90 -16.17	50.51 1.82 -19.90	42.99 2.34 -6.56	31.82 1.93 -0.80	26.92 1.76 0.00	29.62 1.88 0.00	28.45 1.77 0.00	27.78 1.73 0.00	26.98 1.80 0.00	35.75 2.34 0.00	26.36 1.72 4.62	39.46 2.11 0.00	43.22 2.35 0.00	55.55 2.94 0.00	61.48 3.12 0.00	44.41 2.11 0.00	43.23 2.14 0.00	38.27 1.94 0.00	36.95 1.71 0.00
CALPINE_BP_GT1 23823	51.44 2.30 -8.52	47.98 1.99 -11.92	46.78 1.84 -12.63	48.39 2.04 -10.64	49.03 1.97 -13.65	49.60 1.90 -16.17	50.51 1.82 -19.90	42.99 2.34 -6.56	31.82 1.93 -0.80	26.92 1.76 0.00	29.62 1.88 0.00	28.45 1.77 0.00	27.78 1.73 0.00	26.98 1.80 0.00	35.75 2.34 0.00	26.36 1.72 4.62	39.46 2.11 0.00	43.22 2.35 0.00	55.55 2.94 0.00	61.48 3.12 0.00	44.41 2.11 0.00	43.23 2.14 0.00	38.27 1.94 0.00	36.95 1.71 0.00
CALSPAN___DRP 24200	39.78 -0.84 0.00	33.18 -0.88 0.00	31.39 -0.92 0.00	34.71 -1.01 0.00	32.57 -0.83 0.00	30.78 -0.76 0.00	28.00 -0.79 0.00	32.75 -1.32 0.00	28.15 -0.94 0.00	24.63 -0.53 0.00	27.50 -0.24 0.00	26.74 0.05 0.00	25.89 -0.17 0.00	24.92 -0.27 0.00	32.99 -0.42 0.00	28.80 -0.46 0.00	34.66 -1.35 1.35	38.84 -2.03 0.00	50.46 -2.16 0.00	56.45 -1.91 0.00	40.98 -1.32 0.00	39.70 -1.39 0.00	35.29 -1.05 0.00	34.79 -0.45 0.00

CALVERTON___SOLAR 323806	48.39 2.09 -5.68	45.23 1.85 -9.31	43.89 1.71 -9.87	45.95 1.92 -8.31	45.91 1.85 -10.66	45.97 1.80 -12.63	46.05 1.71 -15.54	41.41 2.21 -5.13	31.56 1.85 -0.62	26.82 1.66 0.00	29.44 1.70 0.00	28.27 1.58 0.00	27.57 1.51 0.00	26.78 1.60 0.00	35.45 2.05 0.00	23.15 1.43 7.53	32.23 1.95 7.06	35.72 2.28 7.42	44.03 2.34 10.92	48.40 2.40 12.35	35.74 1.70 8.25	35.74 1.78 7.13	37.77 1.44 0.00	36.39 1.15 0.00
CANDIGU_WT_PWR 323617	39.19 -1.56 -0.13	32.77 -1.36 -0.07	30.81 -1.50 0.00	34.16 -1.58 -0.02	31.95 -1.46 0.00	30.16 -1.39 -0.01	27.66 -1.29 -0.14	32.78 -1.77 -0.48	31.52 -1.34 -3.78	24.14 -1.10 -0.08	26.73 -1.02 0.00	25.74 -0.94 0.00	24.93 -1.13 0.00	24.00 -1.18 0.00	32.02 -1.39 0.00	28.24 -1.26 -0.23	27.87 -1.79 7.69	39.10 -2.14 -0.37	50.80 -2.34 -0.53	57.53 -1.94 -1.11	41.40 -1.42 -0.52	40.34 -1.27 -0.53	36.07 -0.76 -0.50	35.31 -0.40 -0.48
CARR STREET_E_SYR 24060	40.03 -0.59 0.00	33.54 -0.51 0.00	31.80 -0.51 0.00	35.14 -0.58 0.00	32.89 -0.51 0.00	31.07 -0.47 0.00	28.35 -0.45 0.00	33.49 -0.58 0.00	28.61 -0.48 0.00	24.73 -0.43 0.00	27.28 -0.46 0.00	26.27 -0.41 0.00	25.66 -0.39 0.00	24.82 -0.36 0.00	32.97 -0.44 0.00	28.93 -0.33 0.00	36.94 -0.41 0.00	40.38 -0.49 0.00	52.04 -0.57 0.00	57.73 -0.62 0.00	41.78 -0.52 0.00	40.52 -0.57 0.00	35.81 -0.52 0.00	34.72 -0.51 0.00
CARTHAGE___PAPER 23857	40.90 0.28 0.00	34.37 0.31 0.00	32.61 0.30 0.00	35.96 0.24 0.00	33.64 0.24 0.00	31.68 0.15 0.00	28.85 0.06 0.00	34.05 -0.03 0.00	28.90 -0.19 0.00	24.50 -0.66 0.00	26.50 -1.24 0.00	25.32 -1.36 0.00	24.76 -1.30 0.00	23.88 -1.31 0.00	31.66 -1.75 0.00	28.24 -1.03 0.00	36.56 -0.61 0.18	39.77 0.05 1.15	52.51 0.04 0.14	58.33 0.25 0.28	42.37 0.07 0.00	41.33 0.24 0.00	36.41 0.07 0.00	35.02 -0.21 0.00
CASSADAGA_WT_PWR 323784	38.01 -2.29 0.32	31.69 -2.20 0.17	29.98 -2.33 0.00	33.38 -2.29 0.05	31.45 -1.95 0.00	29.53 -1.97 0.03	26.36 -2.09 0.35	30.35 -2.58 1.15	17.98 -2.04 9.07	23.51 -1.47 0.18	26.69 -1.06 0.00	25.82 -0.87 0.00	25.04 -1.01 0.00	24.10 -1.08 0.00	31.89 -1.52 0.00	27.39 -1.31 0.56	34.45 -2.02 0.87	37.53 -2.45 0.89	48.82 -2.54 1.26	53.64 -2.07 2.66	39.25 -1.81 1.24	37.97 -1.87 1.26	33.33 -1.81 1.19	32.47 -1.62 1.14
CE_DUNWOOD___DRP 24194	42.35 1.73 0.00	35.55 1.49 0.00	33.64 1.33 0.00	37.17 1.45 0.00	34.83 1.43 0.00	32.93 1.39 0.00	30.19 1.39 0.00	35.92 1.84 0.00	30.70 1.61 0.00	26.66 1.50 0.00	29.41 1.67 0.00	28.30 1.61 0.00	27.69 1.63 0.00	26.89 1.71 0.00	35.66 2.26 0.00	31.14 1.88 0.00	39.70 2.35 0.00	43.36 2.49 0.00	55.82 3.21 0.00	61.85 3.49 0.00	44.62 2.32 0.00	43.40 2.31 0.00	38.33 2.00 0.00	36.99 1.76 0.00
CE_MILLWOOD___DRP 24193	42.29 1.67 0.00	35.48 1.42 0.00	33.58 1.27 0.00	37.11 1.39 0.00	34.78 1.38 0.00	32.87 1.33 0.00	30.13 1.34 0.00	35.86 1.78 0.00	30.65 1.55 0.00	26.61 1.45 0.00	29.35 1.61 0.00	28.24 1.56 0.00	27.63 1.58 0.00	26.84 1.65 0.00	35.59 2.18 0.00	31.08 1.81 0.00	39.63 2.28 0.00	43.30 2.43 0.00	55.75 3.14 0.00	61.79 3.43 0.00	44.57 2.27 0.00	43.35 2.26 0.00	38.27 1.94 0.00	36.94 1.71 0.00
CE_NYC2_DRP 24202	42.53 1.92 0.00	35.77 1.71 0.00	33.83 1.53 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.11 1.58 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.94 1.89 0.00	27.15 1.97 0.00	35.99 2.58 0.00	31.42 2.16 0.00	39.92 2.57 0.00	43.46 2.59 0.00	55.95 3.34 0.00	62.04 3.68 0.00	44.76 2.46 0.00	43.58 2.49 0.00	38.53 2.20 0.00	37.24 2.00 0.00
CE_NYC_DRP 24195	42.58 1.96 0.00	35.76 1.70 0.00	33.82 1.52 0.00	37.36 1.64 0.00	35.02 1.62 0.00	33.10 1.57 0.00	30.36 1.56 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.71 0.00	29.65 1.91 0.00	28.56 1.87 0.00	27.95 1.90 0.00	27.18 1.99 0.00	36.04 2.63 0.00	31.45 2.19 0.00	40.01 2.66 0.00	43.63 2.76 0.00	56.17 3.55 0.00	62.21 3.85 0.00	44.87 2.58 0.00	43.68 2.59 0.00	38.59 2.26 0.00	37.25 2.02 0.00
CHAFFEE___LFGE 323603	39.59 -0.73 0.30	33.10 -0.80 0.16	31.46 -0.84 0.00	34.75 -0.93 0.05	32.63 -0.77 0.00	30.81 -0.69 0.03	27.75 -0.73 0.33	31.81 -1.19 1.08	19.72 -0.83 8.54	24.56 -0.43 0.17	27.60 -0.14 0.00	26.84 0.15 0.00	25.98 -0.07 0.00	25.00 -0.19 0.00	33.12 -0.29 0.00	28.39 -0.35 0.52	35.08 -1.16 1.11	38.23 -1.81 0.83	49.53 -1.89 1.19	54.27 -1.59 2.50	40.02 -1.12 1.16	38.70 -1.21 1.18	34.31 -0.90 1.12	33.83 -0.33 1.07
CHATEAUG_35_KV_LOAD 355732	40.75 0.13 0.00	34.06 0.00 0.00	32.22 -0.09 0.00	35.77 0.05 0.00	33.45 0.05 0.00	31.55 0.01 0.00	28.81 0.02 0.00	34.00 -0.08 0.00	28.75 -0.34 0.00	24.77 -0.39 0.00	27.22 -0.52 0.00	26.22 -0.46 0.00	25.64 -0.41 0.00	24.89 -0.29 0.00	33.15 -0.25 0.00	28.88 -0.38 0.00	35.71 -0.78 0.87	34.47 -0.87 5.54	50.83 -1.10 0.69	55.10 -1.42 1.85	42.52 -0.93 -1.16	40.43 -0.66 0.00	36.25 -0.09 0.00	35.30 0.07 0.00
CHATEAUG_WT_PWR 323614	40.68 0.06 0.00	33.99 -0.07 0.00	32.15 -0.15 0.00	35.67 -0.05 0.00	33.38 -0.02 0.00	31.49 -0.05 0.00	28.77 -0.03 0.00	33.91 -0.16 0.00	28.70 -0.38 0.00	24.76 -0.41 0.00	27.20 -0.54 0.00	26.19 -0.50 0.00	25.62 -0.43 0.00	24.90 -0.29 0.00	33.13 -0.28 0.00	28.89 -0.37 0.00	35.67 -0.79 0.89	34.28 -0.90 5.69	50.66 -1.25 0.71	54.84 -1.62 1.90	41.19 -1.11 0.00	40.30 -0.79 0.00	36.15 -0.18 0.00	35.22 -0.02 0.00
CHAT_HIGH_FALL_HYD 323578	40.75 0.13 0.00	34.06 0.00 0.00	32.22 -0.09 0.00	35.77 0.05 0.00	33.45 0.05 0.00	31.55 0.01 0.00	28.81 0.02 0.00	34.00 -0.08 0.00	28.75 -0.34 0.00	24.77 -0.39 0.00	27.22 -0.52 0.00	26.22 -0.46 0.00	25.64 -0.41 0.00	24.89 -0.29 0.00	33.15 -0.25 0.00	28.88 -0.38 0.00	35.71 -0.78 0.87	34.47 -0.87 5.54	50.83 -1.10 0.69	55.10 -1.42 1.85	42.52 -0.93 -1.16	40.43 -0.66 0.00	36.25 -0.09 0.00	35.30 0.07 0.00
CHAUTAUQUA___LFGE 323629	38.88 -1.43 0.31	32.45 -1.44 0.17	30.76 -1.55 0.00	34.09 -1.59 0.05	32.07 -1.33 0.00	30.17 -1.34 0.03	27.07 -1.39 0.33	31.10 -1.87 1.11	18.96 -1.37 8.76	24.07 -0.92 0.18	27.19 -0.55 0.00	26.36 -0.33 0.00	25.52 -0.53 0.00	24.60 -0.58 0.00	32.60 -0.81 0.00	27.92 -0.81 0.54	34.83 -1.47 1.05	37.96 -2.05 0.86	49.22 -2.18 1.22	54.00 -1.79 2.57	39.63 -1.48 1.19	38.39 -1.49 1.21	33.85 -1.33 1.15	33.14 -0.99 1.10
CHERRYST_13_KV_LD 356241	42.69 2.07 0.00	35.84 1.78 0.00	33.90 1.59 0.00	37.46 1.74 0.00	35.10 1.70 0.00	33.18 1.64 0.00	30.43 1.63 0.00	36.22 2.14 0.00	30.99 1.90 0.00	26.94 1.78 0.00	29.74 2.00 0.00	28.64 1.96 0.00	28.03 1.98 0.00	27.25 2.07 0.00	36.14 2.73 0.00	31.54 2.27 0.00	40.12 2.77 0.00	43.75 2.88 0.00	56.33 3.71 0.00	62.38 4.02 0.00	45.00 2.70 0.00	43.80 2.71 0.00	38.69 2.35 0.00	37.34 2.10 0.00

CHESTROR_138KV_BK263 355645	42.15 1.53 0.00	35.34 1.29 0.00	33.44 1.13 0.00	36.96 1.25 0.00	34.65 1.25 0.00	32.74 1.20 0.00	30.00 1.20 0.00	35.68 1.61 0.00	30.50 1.41 0.00	26.46 1.29 0.00	29.19 1.45 0.00	28.09 1.40 0.00	27.45 1.40 0.00	26.65 1.47 0.00	35.40 1.99 0.00	30.92 1.66 0.00	39.48 2.13 0.00	43.19 2.32 0.00	55.63 3.02 0.00	61.65 3.29 0.00	44.46 2.16 0.00	43.23 2.14 0.00	38.16 1.83 0.00	36.81 1.58 0.00
CH_MIDHUDSON___DRP 24192	42.25 1.63 0.00	35.44 1.39 0.00	33.57 1.27 0.00	37.09 1.37 0.00	34.74 1.34 0.00	32.85 1.32 0.00	30.10 1.31 0.00	35.82 1.74 0.00	30.62 1.53 0.00	26.55 1.39 0.00	29.28 1.54 0.00	28.14 1.46 0.00	27.52 1.47 0.00	26.71 1.52 0.00	35.41 2.00 0.00	30.95 1.69 0.00	39.53 2.18 0.00	43.25 2.38 0.00	55.71 3.09 0.00	61.73 3.37 0.00	44.56 2.26 0.00	43.31 2.22 0.00	38.21 1.87 0.00	36.88 1.65 0.00
CH_MISC_IPPS 23765	42.51 1.89 0.00	35.65 1.60 0.00	33.75 1.44 0.00	37.29 1.57 0.00	34.94 1.54 0.00	33.04 1.50 0.00	30.28 1.48 0.00	36.04 1.96 0.00	30.80 1.71 0.00	26.72 1.56 0.00	29.47 1.73 0.00	28.33 1.65 0.00	27.70 1.65 0.00	26.88 1.70 0.00	35.67 2.27 0.00	31.18 1.92 0.00	39.84 2.49 0.00	43.58 2.71 0.00	56.17 3.55 0.00	62.24 3.88 0.00	44.90 2.60 0.00	43.63 2.54 0.00	38.49 2.16 0.00	37.14 1.90 0.00
CH_RES_BVR_FALLS 23983	39.72 -0.90 0.00	33.30 -0.76 0.00	31.65 -0.65 0.00	35.07 -0.65 0.00	32.74 -0.67 0.00	30.85 -0.68 0.00	28.16 -0.63 0.00	33.32 -0.75 0.00	28.37 -0.71 0.00	24.52 -0.64 0.00	2.70 -0.75 24.30	1.90 -0.74 24.05	25.35 -0.70 0.00	24.52 -0.67 0.00	32.57 -0.84 0.00	28.53 -0.73 0.00	34.51 -0.97 1.87	27.85 -1.08 11.94	49.71 -1.41 1.49	52.85 -1.53 3.98	41.33 -0.97 0.00	40.17 -0.92 0.00	35.57 -0.77 0.00	34.51 -0.72 0.00
CH_RES_NIAGARA 23895	39.39 -1.23 0.00	32.88 -1.18 0.00	31.17 -1.14 0.00	34.42 -1.30 0.00	32.32 -1.09 0.00	30.59 -0.95 0.00	27.80 -1.00 0.00	32.43 -1.65 0.00	27.84 -1.25 0.00	24.42 -0.74 0.00	27.21 -0.53 0.00	26.51 -0.18 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.53 -0.73 0.00	34.37 -1.87 1.11	37.95 -2.92 0.00	49.09 -3.52 0.00	54.83 -3.53 0.00	39.98 -2.32 0.00	38.72 -2.37 0.00	34.61 -1.72 0.00	34.32 -0.92 0.00
CH_RES_SYRACUSE 23985	40.26 -0.35 0.00	33.73 -0.33 0.00	31.98 -0.33 0.00	35.36 -0.36 0.00	33.09 -0.31 0.00	31.23 -0.30 0.00	28.50 -0.29 0.00	33.69 -0.38 0.00	28.74 -0.35 0.00	24.84 -0.32 0.00	27.38 -0.36 0.00	26.35 -0.33 0.00	25.77 -0.28 0.00	24.93 -0.25 0.00	33.13 -0.28 0.00	29.08 -0.18 0.00	37.15 -0.20 0.00	40.63 -0.24 0.00	52.37 -0.24 -0.13	58.22 -0.26 0.00	42.04 -0.26 0.00	40.76 -0.33 0.00	36.04 -0.29 0.00	34.93 -0.30 0.00
CLINTON_WT_PWR 323605	40.68 0.06 0.00	33.99 -0.07 0.00	32.15 -0.15 0.00	35.67 -0.05 0.00	33.38 -0.02 0.00	31.49 -0.05 0.00	28.77 -0.03 0.00	33.91 -0.16 0.00	28.70 -0.38 0.00	24.76 -0.41 0.00	27.20 -0.54 0.00	26.19 -0.50 0.00	25.62 -0.43 0.00	24.90 -0.29 0.00	33.13 -0.28 0.00	28.89 -0.37 0.00	35.67 -0.79 0.89	34.28 -0.90 5.69	50.66 -1.25 0.71	54.84 -1.62 1.90	41.19 -1.11 0.00	40.30 -0.79 0.00	36.15 -0.18 0.00	35.22 -0.02 0.00
CLINTON___LFGE 323618	41.15 0.53 0.00	34.27 0.21 0.00	32.32 0.01 0.00	35.89 0.17 0.00	33.68 0.28 0.00	31.82 0.28 0.00	29.07 0.27 0.00	34.19 0.11 0.00	28.83 -0.25 0.00	24.76 -0.40 0.00	27.12 -0.62 0.00	26.06 -0.63 0.00	25.52 -0.53 0.00	24.90 -0.28 0.00	33.19 -0.21 0.00	28.88 -0.38 0.00	35.57 -0.90 0.88	34.21 -1.02 5.64	50.47 -1.44 0.70	54.51 -1.97 1.88	48.63 -1.43 -7.76	40.17 -0.92 0.00	36.35 0.01 0.00	35.47 0.23 0.00
COBBLENY_34_KV_TB1 80064	39.88 -0.74 0.00	33.26 -0.80 0.00	31.47 -0.84 0.00	34.79 -0.93 0.00	32.64 -0.76 0.00	30.84 -0.69 0.00	28.08 -0.72 0.00	32.86 -1.21 0.00	28.25 -0.84 0.00	24.73 -0.43 0.00	27.60 -0.14 0.00	26.84 0.15 0.00	25.98 -0.07 0.00	25.00 -0.19 0.00	33.11 -0.30 0.00	28.91 -0.36 0.00	35.08 -1.16 1.11	39.06 -1.81 0.00	50.72 -1.89 0.00	56.74 -1.62 0.00	41.16 -1.14 0.00	39.88 -1.21 0.00	35.43 -0.90 0.00	34.89 -0.34 0.00
COFFEEN___115KV_TB3 355620	40.99 0.38 0.00	34.45 0.39 0.00	32.69 0.38 0.00	36.03 0.31 0.00	33.71 0.31 0.00	31.79 0.25 0.00	28.94 0.15 0.00	34.16 0.08 0.00	28.97 -0.12 0.00	24.48 -0.68 0.00	26.39 -1.35 0.00	25.24 -1.44 0.00	24.68 -1.37 0.00	23.75 -1.44 0.00	31.48 -1.93 0.00	28.26 -1.00 0.00	36.89 -0.32 0.15	40.33 0.40 0.94	53.02 0.52 0.12	58.91 0.73 0.18	42.70 0.40 0.00	41.58 0.49 0.00	36.57 0.23 0.00	35.13 -0.10 0.00
COLDSPRG_115KV_BK1 355956	39.72 -0.90 0.00	33.09 -0.97 0.00	31.23 -1.07 0.00	34.73 -0.99 0.00	32.59 -0.81 0.00	30.69 -0.84 0.00	27.88 -0.92 0.00	32.88 -1.20 0.00	28.31 -0.78 0.00	24.78 -0.39 0.00	27.78 0.04 0.00	26.90 0.21 0.00	26.08 0.03 0.00	25.01 -0.17 0.00	33.04 -0.37 0.00	28.88 -0.39 0.00	35.86 -0.89 0.60	39.55 -1.33 0.00	51.43 -1.19 0.00	57.67 -0.69 0.00	41.60 -0.70 0.00	40.34 -0.75 0.00	35.70 -0.64 0.00	34.92 -0.31 0.00
COLONIE_LFGE___ 323577	41.78 1.17 0.00	35.07 1.01 0.00	33.29 0.98 0.00	36.76 1.05 0.00	34.39 0.99 0.00	32.54 1.00 0.00	29.79 0.99 0.00	35.36 1.28 0.00	30.14 1.05 0.00	26.10 0.94 0.00	28.63 0.89 0.00	27.44 0.75 0.00	26.80 0.74 0.00	25.98 0.79 0.00	34.43 1.02 0.00	30.19 0.93 0.00	38.82 1.47 0.00	42.59 1.72 0.00	54.87 2.26 0.00	60.83 2.47 0.00	43.95 1.65 0.00	42.61 1.52 0.00	37.57 1.24 0.00	36.29 1.06 0.00
COOPERNY_115KV_TB1 80082	41.79 1.17 0.00	35.04 0.98 0.00	33.17 0.86 0.00	36.68 0.96 0.00	34.36 0.96 0.00	32.46 0.93 0.00	29.71 0.91 0.00	35.29 1.21 0.00	30.18 1.09 0.00	26.15 0.98 0.00	28.87 1.13 0.00	27.78 1.10 0.00	27.13 1.08 0.00	26.27 1.08 0.00	34.87 1.47 0.00	30.49 1.23 0.00	38.95 1.60 0.00	42.58 1.71 0.00	54.81 2.20 0.00	60.81 2.46 0.00	43.93 1.63 0.00	42.71 1.62 0.00	37.72 1.38 0.00	36.44 1.21 0.00
COPENHAGEN_WT_PWR 323753	40.22 -0.40 0.00	33.88 -0.19 0.00	32.17 -0.14 0.00	35.41 -0.31 0.00	33.12 -0.28 0.00	31.24 -0.30 0.00	28.39 -0.41 0.00	33.47 -0.60 0.00	28.42 -0.67 0.00	24.13 -1.04 0.00	26.11 -1.63 0.00	24.92 -1.76 0.00	24.38 -1.67 0.00	23.46 -1.73 0.00	31.09 -2.32 0.00	27.76 -1.50 0.00	36.08 -1.13 0.14	39.40 -0.58 0.89	51.72 -0.79 0.11	57.47 -0.73 0.16	41.67 -0.63 0.00	40.64 -0.45 0.00	35.77 -0.56 0.00	34.35 -0.89 0.00
CORNELL_____ 23752	40.94 0.32 0.00	34.26 0.19 0.00	32.45 0.14 0.00	35.88 0.16 0.00	33.57 0.17 0.00	31.67 0.14 0.00	28.93 0.14 0.00	34.24 0.16 0.00	29.23 0.14 0.00	25.14 -0.03 0.00	27.67 -0.08 0.00	26.58 -0.10 0.00	25.95 -0.11 0.00	25.06 -0.12 0.00	33.41 0.01 0.00	29.38 0.12 0.00	38.10 0.34 -0.41	41.28 0.41 0.00	53.30 0.69 0.00	59.29 0.93 0.00	42.85 0.55 0.00	41.55 0.45 0.00	36.73 0.39 0.00	35.59 0.36 0.00

CORONA__69_KV_TB1 355595	55.13 2.31 -12.19	53.12 1.99 -17.07	52.21 1.82 -18.08	52.94 2.00 -15.23	54.89 1.94 -19.54	56.55 1.88 -23.14	59.08 1.80 -28.48	45.76 2.29 -9.39	32.15 1.92 -1.14	26.94 1.78 0.00	29.67 1.92 0.00	28.55 1.86 0.00	27.89 1.84 0.00	27.10 1.92 0.00	35.94 2.51 -0.02	30.94 1.91 0.23	39.81 2.46 0.00	43.57 2.70 0.00	55.99 3.38 0.00	61.95 3.59 0.00	44.74 2.44 0.00	43.53 2.44 0.00	38.43 2.10 0.00	37.10 1.86 0.00
CORTLAND__115KV_TB3 80093	40.71 0.10 0.00	34.11 0.05 0.00	32.31 0.00 0.00	35.73 0.01 0.00	33.44 0.04 0.00	31.56 0.03 0.00	28.83 0.04 0.00	34.11 0.03 0.00	29.15 0.06 0.00	25.12 -0.04 0.00	27.70 -0.04 0.00	26.64 -0.05 0.00	26.01 -0.05 0.00	25.14 -0.04 0.00	33.42 0.01 0.00	29.34 0.08 0.00	37.60 0.25 0.00	41.12 0.25 0.00	52.98 0.37 0.00	58.87 0.51 0.00	42.56 0.27 0.00	41.30 0.20 0.00	36.50 0.17 0.00	35.37 0.14 0.00
COXSACKIE__GT 23611	42.36 1.74 0.00	35.51 1.45 0.00	33.72 1.42 0.00	37.22 1.50 0.00	34.85 1.45 0.00	33.03 1.49 0.00	30.24 1.44 0.00	35.98 1.90 0.00	30.72 1.63 0.00	26.29 1.12 0.00	28.70 0.96 0.00	27.39 0.71 0.00	26.76 0.70 0.00	26.06 0.88 0.00	34.53 1.12 0.00	30.61 1.35 0.00	39.25 1.90 0.00	43.46 2.59 0.00	56.10 3.49 0.00	62.08 3.73 0.00	44.83 2.53 0.00	43.38 2.29 0.00	38.13 1.80 0.00	36.79 1.56 0.00
CPV_VALLEY__CC1 323721	42.12 1.50 0.00	35.31 1.25 0.00	33.41 1.10 0.00	36.93 1.22 0.00	34.63 1.23 0.00	32.72 1.18 0.00	29.98 1.18 0.00	35.66 1.58 0.00	30.49 1.40 0.00	26.45 1.28 0.00	29.18 1.44 0.00	28.08 1.40 0.00	27.46 1.41 0.00	26.66 1.48 0.00	35.40 1.99 0.00	30.91 1.65 0.00	39.47 2.12 0.00	43.14 2.28 0.00	55.58 2.96 0.00	61.57 3.21 0.00	44.40 2.10 0.00	43.20 2.11 0.00	38.13 1.79 0.00	36.79 1.55 0.00
CPV_VALLEY__CC2 323722	42.12 1.50 0.00	35.31 1.25 0.00	33.41 1.10 0.00	36.93 1.22 0.00	34.63 1.23 0.00	32.72 1.18 0.00	29.98 1.18 0.00	35.66 1.58 0.00	30.49 1.40 0.00	26.45 1.28 0.00	29.18 1.44 0.00	28.08 1.40 0.00	27.46 1.41 0.00	26.66 1.48 0.00	35.40 1.99 0.00	30.91 1.65 0.00	39.47 2.12 0.00	43.14 2.28 0.00	55.58 2.96 0.00	61.57 3.21 0.00	44.40 2.10 0.00	43.20 2.11 0.00	38.13 1.79 0.00	36.79 1.55 0.00
CRESCENT__HYD 24018	41.78 1.17 0.00	35.07 1.01 0.00	33.29 0.98 0.00	36.76 1.05 0.00	34.39 0.99 0.00	32.54 1.00 0.00	29.79 0.99 0.00	35.36 1.28 0.00	30.14 1.05 0.00	26.10 0.94 0.00	28.63 0.89 0.00	27.44 0.75 0.00	26.80 0.74 0.00	25.98 0.79 0.00	34.43 1.02 0.00	30.19 0.93 0.00	38.82 1.47 0.00	42.59 1.72 0.00	54.87 2.26 0.00	60.83 2.47 0.00	43.95 1.65 0.00	42.61 1.52 0.00	37.57 1.24 0.00	36.29 1.06 0.00
CRICKET__VALLEY_CC1 323756	41.78 1.17 0.00	35.07 1.01 0.00	33.24 0.93 0.00	36.70 0.98 0.00	34.36 0.96 0.00	32.50 0.96 0.00	29.78 0.99 0.00	35.46 1.38 0.00	30.26 1.17 0.00	26.26 1.10 0.00	28.93 1.19 0.00	27.78 1.09 0.00	27.18 1.13 0.00	26.39 1.20 0.00	34.92 1.52 0.00	30.52 1.26 0.00	39.05 1.70 0.00	42.78 1.91 0.00	55.12 2.51 0.00	61.09 2.73 0.00	44.09 1.79 0.00	42.82 1.73 0.00	37.75 1.42 0.00	36.44 1.21 0.00
CRICKET__VALLEY_CC2 323757	41.78 1.17 0.00	35.07 1.01 0.00	33.24 0.93 0.00	36.70 0.98 0.00	34.36 0.96 0.00	32.50 0.96 0.00	29.78 0.99 0.00	35.46 1.38 0.00	30.26 1.17 0.00	26.26 1.10 0.00	28.93 1.19 0.00	27.78 1.09 0.00	27.18 1.13 0.00	26.39 1.20 0.00	34.92 1.52 0.00	30.52 1.26 0.00	39.05 1.70 0.00	42.78 1.91 0.00	55.12 2.51 0.00	61.09 2.73 0.00	44.09 1.79 0.00	42.82 1.73 0.00	37.75 1.42 0.00	36.44 1.21 0.00
CRICKET__VALLEY_CC3 323758	41.78 1.17 0.00	35.07 1.01 0.00	33.24 0.93 0.00	36.70 0.98 0.00	34.36 0.96 0.00	32.50 0.96 0.00	29.78 0.99 0.00	35.46 1.38 0.00	30.26 1.17 0.00	26.26 1.10 0.00	28.93 1.19 0.00	27.78 1.09 0.00	27.18 1.13 0.00	26.39 1.20 0.00	34.92 1.52 0.00	30.52 1.26 0.00	39.05 1.70 0.00	42.78 1.91 0.00	55.12 2.51 0.00	61.09 2.73 0.00	44.09 1.79 0.00	42.82 1.73 0.00	37.75 1.42 0.00	36.44 1.21 0.00
CRUCIBLE__METL_DRP 24180	40.27 -0.35 0.00	33.73 -0.33 0.00	31.98 -0.33 0.00	35.35 -0.36 0.00	33.09 -0.31 0.00	31.23 -0.30 0.00	28.51 -0.29 0.00	33.69 -0.39 0.00	28.74 -0.35 0.00	24.84 -0.32 0.00	27.38 -0.36 0.00	26.35 -0.33 0.00	25.77 -0.28 0.00	24.93 -0.26 0.00	33.13 -0.28 0.00	29.08 -0.18 0.00	37.15 -0.20 0.00	40.63 -0.24 0.00	52.37 -0.24 0.00	58.22 -0.26 -0.13	42.04 -0.26 0.00	40.76 -0.33 0.00	36.04 -0.29 0.00	34.93 -0.30 0.00
DAHOWA__HYDRO 323763	42.39 1.77 0.00	35.54 1.47 0.00	33.73 1.42 0.00	37.26 1.54 0.00	34.85 1.45 0.00	32.97 1.44 0.00	30.22 1.43 0.00	35.89 1.81 0.00	30.55 1.47 0.00	26.29 1.12 0.00	28.73 0.98 0.00	27.44 0.76 0.00	26.81 0.75 0.00	26.07 0.88 0.00	34.63 1.23 0.00	30.44 1.18 0.00	39.36 2.01 0.00	43.36 2.49 0.00	55.91 3.29 0.00	61.99 3.63 0.00	44.70 2.40 0.00	43.24 2.15 0.00	38.08 1.74 0.00	36.76 1.52 0.00
DANC__LFGE 323619	40.10 -0.52 0.00	33.70 -0.36 0.00	31.98 -0.32 0.00	35.26 -0.46 0.00	32.99 -0.41 0.00	31.13 -0.41 0.00	28.34 -0.46 0.00	33.44 -0.64 0.00	28.46 -0.63 0.00	24.32 -0.85 0.00	26.49 -1.25 0.00	25.38 -1.30 0.00	24.80 -1.25 0.00	23.91 -1.27 0.00	31.73 -1.68 0.00	28.14 -1.12 0.00	36.28 -0.98 0.09	39.65 -0.65 0.58	51.71 -0.83 0.07	57.50 -0.84 0.02	41.62 -0.68 0.00	40.56 -0.53 0.00	35.73 -0.61 0.00	34.44 -0.80 0.00
DANSKAMMER__1 23586	42.51 1.89 0.00	35.65 1.60 0.00	33.75 1.44 0.00	37.29 1.57 0.00	34.94 1.54 0.00	33.04 1.50 0.00	30.28 1.48 0.00	36.04 1.96 0.00	30.80 1.71 0.00	26.72 1.56 0.00	29.47 1.73 0.00	28.33 1.65 0.00	27.70 1.65 0.00	26.88 1.70 0.00	35.67 2.27 0.00	31.18 1.92 0.00	39.84 2.49 0.00	43.58 2.71 0.00	56.17 3.55 0.00	62.24 3.88 0.00	44.90 2.60 0.00	43.63 2.54 0.00	38.49 2.16 0.00	37.14 1.90 0.00
DANSKAMMER__2 23589	42.51 1.89 0.00	35.65 1.60 0.00	33.75 1.44 0.00	37.29 1.57 0.00	34.94 1.54 0.00	33.04 1.50 0.00	30.28 1.48 0.00	36.04 1.96 0.00	30.80 1.71 0.00	26.72 1.56 0.00	29.47 1.73 0.00	28.33 1.65 0.00	27.70 1.65 0.00	26.88 1.70 0.00	35.67 2.27 0.00	31.18 1.92 0.00	39.84 2.49 0.00	43.58 2.71 0.00	56.17 3.55 0.00	62.24 3.88 0.00	44.90 2.60 0.00	43.63 2.54 0.00	38.49 2.16 0.00	37.14 1.90 0.00
DANSKAMMER__3 23590	42.51 1.89 0.00	35.65 1.60 0.00	33.75 1.44 0.00	37.29 1.57 0.00	34.94 1.54 0.00	33.04 1.50 0.00	30.28 1.48 0.00	36.04 1.96 0.00	30.80 1.71 0.00	26.72 1.56 0.00	29.47 1.73 0.00	28.33 1.65 0.00	27.70 1.65 0.00	26.88 1.70 0.00	35.67 2.27 0.00	31.18 1.92 0.00	39.84 2.49 0.00	43.58 2.71 0.00	56.17 3.55 0.00	62.24 3.88 0.00	44.90 2.60 0.00	43.63 2.54 0.00	38.49 2.16 0.00	37.14 1.90 0.00

DANSKAMMER___4 23591	42.51 1.89 0.00	35.65 1.60 0.00	33.75 1.44 0.00	37.29 1.57 0.00	34.94 1.54 0.00	33.04 1.50 0.00	30.28 1.48 0.00	36.04 1.96 0.00	30.80 1.71 0.00	26.72 1.56 0.00	29.47 1.73 0.00	28.33 1.65 0.00	27.70 1.65 0.00	26.88 1.70 0.00	35.67 2.27 0.00	31.18 1.92 0.00	39.84 2.49 0.00	43.58 2.71 0.00	56.17 3.55 0.00	62.24 3.88 0.00	44.90 2.60 0.00	43.63 2.54 0.00	38.49 2.16 0.00	37.14 1.90 0.00
DANSKAMMER___DIESEL 23592	42.51 1.89 0.00	35.65 1.59 0.00	33.75 1.44 0.00	37.29 1.57 0.00	34.94 1.54 0.00	33.04 1.50 0.00	30.28 1.48 0.00	36.04 1.96 0.00	30.80 1.71 0.00	26.72 1.56 0.00	29.47 1.73 0.00	28.33 1.65 0.00	27.70 1.65 0.00	26.88 1.70 0.00	35.67 2.26 0.00	31.19 1.93 0.00	39.84 2.49 0.00	43.58 2.71 0.00	56.16 3.55 0.00	62.24 3.88 0.00	44.91 2.61 0.00	43.64 2.55 0.00	38.50 2.16 0.00	37.13 1.90 0.00
DARBY___SOLAR 323810	42.22 1.60 0.00	35.40 1.34 0.00	33.60 1.29 0.00	37.12 1.40 0.00	34.71 1.32 0.00	32.84 1.31 0.00	30.09 1.30 0.00	35.73 1.66 0.00	30.41 1.32 0.00	26.19 1.03 0.00	28.64 0.90 0.00	27.37 0.68 0.00	26.75 0.70 0.00	26.00 0.82 0.00	34.53 1.12 0.00	30.33 1.07 0.00	39.18 1.83 0.00	43.13 2.26 0.00	55.59 2.97 0.00	61.63 3.28 0.00	44.46 2.17 0.00	43.04 1.95 0.00	37.92 1.58 0.00	36.63 1.39 0.00
DASHVILLE___HYD 23610	42.07 1.45 0.00	35.29 1.24 0.00	33.43 1.12 0.00	36.93 1.21 0.00	34.59 1.19 0.00	32.71 1.18 0.00	29.96 1.16 0.00	35.64 1.57 0.00	30.48 1.39 0.00	26.44 1.27 0.00	29.16 1.42 0.00	28.01 1.32 0.00	27.36 1.31 0.00	26.53 1.35 0.00	35.22 1.81 0.00	30.77 1.51 0.00	39.28 1.93 0.00	42.97 2.11 0.00	55.36 2.74 0.00	61.35 2.99 0.00	44.31 2.02 0.00	43.07 1.98 0.00	38.01 1.68 0.00	36.69 1.45 0.00
DELAWARE___LFGE 323621	41.38 0.76 0.00	34.69 0.63 0.00	32.88 0.58 0.00	36.35 0.63 0.00	34.02 0.62 0.00	32.11 0.58 0.00	29.34 0.55 0.00	34.79 0.71 0.00	29.77 0.68 0.00	25.75 0.59 0.00	28.49 0.75 0.00	27.43 0.74 0.00	26.75 0.70 0.00	25.75 0.57 0.00	34.14 0.73 0.00	29.90 0.64 0.00	38.26 0.91 0.00	41.79 0.92 0.00	53.75 1.14 0.00	59.68 1.32 0.00	43.22 0.92 0.00	41.97 0.88 0.00	37.07 0.74 0.00	35.89 0.65 0.00
DERFIELD_115KV_TB7 355931	40.69 0.08 0.00	34.12 0.07 0.00	32.37 0.07 0.00	35.79 0.07 0.00	33.47 0.07 0.00	31.62 0.09 0.00	28.89 0.09 0.00	34.21 0.13 0.00	29.20 0.11 0.00	25.25 0.08 0.00	27.82 0.09 0.00	26.75 0.07 0.00	26.11 0.06 0.00	25.24 0.05 0.00	33.48 0.07 0.00	29.35 0.09 0.00	37.59 0.19 -0.05	41.44 0.23 -0.34	52.94 0.29 -0.04	58.79 0.32 -0.11	42.50 0.20 0.00	41.27 0.18 0.00	36.45 0.11 0.00	35.32 0.08 0.00
DOGLEVILLE___HYD 23807	43.06 2.44 0.00	36.02 1.97 0.00	34.11 1.80 0.00	37.63 1.92 0.00	35.25 1.85 0.00	33.31 1.78 0.00	30.50 1.71 0.00	36.31 2.24 0.00	30.73 1.64 0.00	26.14 0.98 0.00	28.67 0.93 0.00	27.54 0.85 0.00	26.80 0.75 0.00	25.93 0.74 0.00	34.30 0.89 0.00	30.14 0.88 0.00	39.26 1.86 -0.05	44.09 2.88 -0.34	56.42 3.77 -0.04	62.61 4.14 -0.11	45.19 2.89 0.00	43.77 2.68 0.00	38.51 2.18 0.00	37.26 2.03 0.00
DUNKIRK___115KV_TB_200 55889	39.28 -1.33 0.00	32.72 -1.34 0.00	30.86 -1.44 0.00	34.24 -1.48 0.00	32.15 -1.25 0.00	30.28 -1.26 0.00	27.50 -1.29 0.00	32.29 -1.79 0.00	27.81 -1.28 0.00	24.32 -0.85 0.00	27.26 -0.48 0.00	26.43 -0.26 0.00	25.60 -0.45 0.00	24.66 -0.52 0.00	32.68 -0.73 0.00	28.51 -0.75 0.00	34.87 -1.41 1.07	38.86 -2.01 0.00	50.47 -2.15 0.00	56.56 -1.80 0.00	40.82 -1.48 0.00	39.63 -1.47 0.00	35.05 -1.28 0.00	34.32 -0.92 0.00
DUNKIRK___1 23563	39.28 -1.33 0.00	32.72 -1.34 0.00	30.86 -1.44 0.00	34.24 -1.48 0.00	32.15 -1.25 0.00	30.28 -1.26 0.00	27.50 -1.29 0.00	32.29 -1.79 0.00	27.81 -1.28 0.00	24.32 -0.85 0.00	27.26 -0.48 0.00	26.43 -0.26 0.00	25.60 -0.45 0.00	24.66 -0.52 0.00	32.68 -0.73 0.00	28.51 -0.75 0.00	34.87 -1.41 1.07	38.86 -2.01 0.00	50.47 -2.15 0.00	56.56 -1.80 0.00	40.82 -1.48 0.00	39.63 -1.47 0.00	35.05 -1.28 0.00	34.32 -0.92 0.00
DUNKIRK___2 23564	39.28 -1.33 0.00	32.72 -1.34 0.00	30.86 -1.44 0.00	34.24 -1.48 0.00	32.15 -1.25 0.00	30.28 -1.26 0.00	27.50 -1.29 0.00	32.29 -1.79 0.00	27.81 -1.28 0.00	24.32 -0.85 0.00	27.26 -0.48 0.00	26.43 -0.26 0.00	25.60 -0.45 0.00	24.66 -0.52 0.00	32.68 -0.73 0.00	28.51 -0.75 0.00	34.87 -1.41 1.07	38.86 -2.01 0.00	50.47 -2.15 0.00	56.56 -1.80 0.00	40.82 -1.48 0.00	39.63 -1.47 0.00	35.05 -1.28 0.00	34.32 -0.92 0.00
DUNKIRK___3 23565	39.46 -1.16 0.00	32.88 -1.18 0.00	31.06 -1.25 0.00	34.42 -1.30 0.00	32.30 -1.10 0.00	30.44 -1.09 0.00	27.67 -1.12 0.00	32.47 -1.61 0.00	27.95 -1.14 0.00	24.45 -0.72 0.00	27.37 -0.38 0.00	26.54 -0.14 0.00	25.71 -0.34 0.00	24.76 -0.42 0.00	32.78 -0.62 0.00	28.60 -0.66 0.00	34.89 -1.36 1.10	38.88 -1.99 0.00	50.45 -2.16 0.00	56.50 -1.86 0.00	40.85 -1.45 0.00	39.65 -1.44 0.00	35.14 -1.20 0.00	34.46 -0.77 0.00
DUNKIRK___4 23566	39.46 -1.16 0.00	32.88 -1.18 0.00	31.06 -1.25 0.00	34.42 -1.30 0.00	32.30 -1.10 0.00	30.44 -1.09 0.00	27.67 -1.12 0.00	32.47 -1.61 0.00	27.95 -1.14 0.00	24.45 -0.72 0.00	27.37 -0.38 0.00	26.54 -0.14 0.00	25.71 -0.34 0.00	24.76 -0.42 0.00	32.78 -0.62 0.00	28.60 -0.66 0.00	34.89 -1.36 1.10	38.88 -1.99 0.00	50.45 -2.16 0.00	56.50 -1.86 0.00	40.85 -1.45 0.00	39.65 -1.44 0.00	35.14 -1.20 0.00	34.46 -0.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.45 1.84 0.00	35.59 1.53 0.00	33.68 1.37 0.00	37.21 1.50 0.00	34.87 1.47 0.00	32.96 1.43 0.00	30.25 1.46 0.00	36.01 1.93 0.00	30.78 1.69 0.00	26.74 1.57 0.00	29.49 1.75 0.00	28.37 1.69 0.00	27.75 1.70 0.00	26.96 1.78 0.00	35.77 2.36 0.00	31.22 1.96 0.00	39.79 2.44 0.00	43.44 2.57 0.00	55.91 3.30 0.00	61.96 3.60 0.00	44.69 2.40 0.00	43.49 2.40 0.00	38.41 2.08 0.00	37.08 1.85 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.35 1.73 0.00	35.52 1.46 0.00	33.60 1.29 0.00	37.14 1.42 0.00	34.81 1.41 0.00	32.90 1.36 0.00	30.15 1.36 0.00	35.88 1.80 0.00	30.68 1.59 0.00	26.61 1.44 0.00	29.35 1.61 0.00	28.24 1.55 0.00	27.60 1.55 0.00	26.79 1.60 0.00	35.57 2.16 0.00	31.08 1.82 0.00	39.69 2.34 0.00	43.42 2.55 0.00	55.95 3.33 0.00	62.01 3.66 0.00	44.71 2.41 0.00	43.48 2.39 0.00	38.36 2.03 0.00	37.01 1.78 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.49 1.87 0.00	35.72 1.67 0.00	33.81 1.50 0.00	37.36 1.64 0.00	35.02 1.62 0.00	33.09 1.55 0.00	30.32 1.52 0.00	36.06 1.98 0.00	30.84 1.75 0.00	26.80 1.63 0.00	29.57 1.83 0.00	28.46 1.77 0.00	27.87 1.82 0.00	27.06 1.87 0.00	35.88 2.47 0.00	31.38 2.12 0.00	39.85 2.50 0.00	43.47 2.60 0.00	56.01 3.40 0.00	62.11 3.75 0.00	44.83 2.53 0.00	43.61 2.52 0.00	38.52 2.19 0.00	37.18 1.95 0.00

E179THST_13_KV_LOAD 356214	42.65 2.03 0.00	35.86 1.80 0.00	33.92 1.61 0.00	37.50 1.78 0.00	35.13 1.73 0.00	33.21 1.67 0.00	30.42 1.63 0.00	36.18 2.11 0.00	30.95 1.87 0.00	26.90 1.74 0.00	29.69 1.95 0.00	28.58 1.90 0.00	27.99 1.94 0.00	27.16 1.98 0.00	36.03 2.63 0.00	31.52 2.26 0.00	40.03 2.68 0.00	43.66 2.79 0.00	56.28 3.66 0.00	62.39 4.03 0.00	45.04 2.74 0.00	43.82 2.73 0.00	38.69 2.35 0.00	37.33 2.10 0.00
EAST HAMPTON___GT 23717	49.47 3.17 -5.69	46.10 2.72 -9.32	44.72 2.54 -9.87	46.77 2.74 -8.32	46.66 2.59 -10.67	46.71 2.54 -12.64	46.60 2.25 -15.55	42.04 2.84 -5.13	32.17 2.46 -0.62	27.55 2.39 0.00	30.27 2.52 0.00	29.04 2.35 0.00	28.31 2.26 0.00	27.50 2.31 0.00	36.42 3.01 0.00	24.08 2.34 7.52	33.54 3.18 6.99	37.20 3.68 7.35	43.97 2.16 10.81	47.06 0.93 12.23	34.71 0.58 8.17	34.66 0.63 7.06	36.69 0.36 0.00	35.29 0.06 0.00
EAST RIVER___6 23660	42.66 2.04 0.00	35.81 1.75 0.00	33.88 1.57 0.00	37.41 1.69 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.38 1.58 0.00	36.17 2.10 0.00	30.96 1.87 0.00	26.92 1.76 0.00	29.72 1.98 0.00	28.63 1.94 0.00	28.02 1.97 0.00	27.24 2.06 0.00	36.13 2.72 0.00	31.53 2.27 0.00	40.11 2.76 0.00	43.75 2.88 0.00	56.27 3.66 0.00	62.30 3.94 0.00	44.97 2.68 0.00	43.78 2.69 0.00	38.68 2.34 0.00	37.32 2.08 0.00
EAST RIVER___7 23524	42.66 2.04 0.00	35.81 1.75 0.00	33.88 1.57 0.00	37.41 1.69 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.38 1.58 0.00	36.17 2.10 0.00	30.96 1.87 0.00	26.92 1.76 0.00	29.72 1.98 0.00	28.63 1.94 0.00	28.02 1.97 0.00	27.24 2.06 0.00	36.13 2.72 0.00	31.53 2.27 0.00	40.11 2.76 0.00	43.75 2.88 0.00	56.27 3.66 0.00	62.30 3.94 0.00	44.97 2.68 0.00	43.78 2.69 0.00	38.68 2.34 0.00	37.32 2.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.35 1.73 0.00	35.55 1.49 0.00	33.64 1.33 0.00	37.17 1.45 0.00	34.83 1.43 0.00	32.93 1.39 0.00	30.19 1.39 0.00	35.92 1.84 0.00	30.70 1.61 0.00	26.66 1.50 0.00	29.41 1.67 0.00	28.30 1.61 0.00	27.69 1.63 0.00	26.89 1.71 0.00	35.66 2.26 0.00	31.14 1.88 0.00	39.70 2.35 0.00	43.36 2.49 0.00	55.82 3.21 0.00	61.85 3.49 0.00	44.62 2.32 0.00	43.40 2.31 0.00	38.33 2.00 0.00	36.99 1.76 0.00
EAST_HAMPTON___DIESEL 23722	49.48 3.18 -5.69	46.11 2.73 -9.32	44.72 2.54 -9.87	46.76 2.73 -8.32	46.65 2.58 -10.67	46.70 2.53 -12.64	46.60 2.25 -15.55	42.02 2.81 -5.13	32.16 2.45 -0.62	27.55 2.38 0.00	30.27 2.53 0.00	29.04 2.36 0.00	28.32 2.27 0.00	27.50 2.32 0.00	36.42 3.01 0.00	24.08 2.34 7.52	33.55 3.19 6.99	37.21 3.69 7.35	43.86 2.06 10.81	46.86 0.73 12.23	34.56 0.43 8.17	34.51 0.48 7.06	36.55 0.22 0.00	35.17 -0.07 0.00
EAST_POINT___SOLAR 323840	41.47 0.85 0.00	34.77 0.71 0.00	32.96 0.65 0.00	36.43 0.71 0.00	34.09 0.69 0.00	32.19 0.65 0.00	29.45 0.65 0.00	34.88 0.80 0.00	29.26 0.17 0.00	24.57 -0.59 0.00	27.10 -0.64 0.00	26.16 -0.53 0.00	25.61 -0.44 0.00	24.78 -0.40 0.00	32.98 -0.43 0.00	29.11 -0.15 0.00	37.80 0.45 0.00	41.92 1.05 0.00	54.16 1.55 0.00	60.07 1.71 0.00	43.54 1.24 0.00	42.14 1.05 0.00	37.11 0.78 0.00	35.95 0.72 0.00
EAST_PULASKI___ESR 323781	39.99 -0.63 0.00	33.54 -0.52 0.00	31.81 -0.50 0.00	35.12 -0.60 0.00	32.86 -0.54 0.00	31.04 -0.50 0.00	28.29 -0.50 0.00	33.41 -0.67 0.00	28.50 -0.60 0.00	24.50 -0.66 0.00	26.87 -0.87 0.00	25.82 -0.87 0.00	25.21 -0.84 0.00	24.34 -0.84 0.00	32.34 -1.07 0.00	28.51 -0.76 0.00	36.52 -0.79 0.04	39.94 -0.66 0.28	51.78 -0.80 0.03	57.67 -0.86 -0.17	41.61 -0.69 0.00	40.47 -0.62 0.00	35.69 -0.64 0.00	34.52 -0.72 0.00
EAST_RIVER___1 323558	42.59 1.97 0.00	35.76 1.70 0.00	33.82 1.51 0.00	37.36 1.65 0.00	35.02 1.62 0.00	33.10 1.57 0.00	30.35 1.56 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.71 0.00	29.65 1.91 0.00	28.56 1.87 0.00	27.95 1.90 0.00	27.18 1.99 0.00	36.04 2.63 0.00	31.44 2.18 0.00	40.01 2.66 0.00	43.63 2.76 0.00	56.17 3.55 0.00	62.21 3.85 0.00	44.87 2.57 0.00	43.69 2.60 0.00	38.59 2.26 0.00	37.25 2.01 0.00
EAST_RIVER___2 323559	42.66 2.04 0.00	35.81 1.75 0.00	33.88 1.57 0.00	37.41 1.69 0.00	35.04 1.64 0.00	33.12 1.59 0.00	30.38 1.58 0.00	36.17 2.10 0.00	30.96 1.87 0.00	26.92 1.76 0.00	29.72 1.98 0.00	28.63 1.94 0.00	28.02 1.97 0.00	27.24 2.06 0.00	36.13 2.72 0.00	31.53 2.27 0.00	40.11 2.76 0.00	43.75 2.88 0.00	56.27 3.66 0.00	62.30 3.94 0.00	44.97 2.68 0.00	43.78 2.69 0.00	38.68 2.34 0.00	37.32 2.08 0.00
EAST___DELAWARE_HYD 23607	41.69 1.07 0.00	34.94 0.88 0.00	33.06 0.75 0.00	36.54 0.82 0.00	34.25 0.85 0.00	32.37 0.84 0.00	29.67 0.87 0.00	35.29 1.22 0.00	30.18 1.09 0.00	26.11 0.94 0.00	28.78 1.04 0.00	27.67 0.98 0.00	26.89 0.83 0.00	25.53 0.35 0.00	33.90 0.49 0.00	29.67 0.41 0.00	37.99 0.64 0.00	41.65 0.79 0.00	53.84 1.23 0.00	61.08 2.72 0.00	44.07 1.77 0.00	42.82 1.73 0.00	37.75 1.42 0.00	36.40 1.17 0.00
EIGHT_POINT___WT_PWR 323820	38.36 -2.25 0.00	32.23 -1.83 0.00	30.29 -2.02 0.00	33.60 -2.12 0.00	31.49 -1.91 0.00	29.69 -1.85 0.00	27.09 -1.71 0.00	31.78 -2.30 0.00	27.28 -1.81 0.00	23.68 -1.49 0.00	26.20 -1.54 0.00	25.10 -1.58 0.00	24.22 -1.84 0.00	23.31 -1.87 0.00	31.04 -2.37 0.00	27.17 -2.09 0.00	38.38 -2.91 -3.94	37.54 -3.33 0.00	49.00 -3.62 0.00	55.09 -3.27 0.00	40.33 -1.96 0.00	39.50 -1.59 0.00	35.57 -0.76 0.00	34.95 -0.28 0.00
ELBRIDGE_115KV_TB2 80188	40.08 -0.54 0.00	33.55 -0.51 0.00	31.82 -0.48 0.00	35.19 -0.53 0.00	32.94 -0.46 0.00	31.07 -0.47 0.00	28.35 -0.45 0.00	33.53 -0.55 0.00	28.60 -0.49 0.00	24.73 -0.43 0.00	27.26 -0.48 0.00	26.22 -0.46 0.00	25.65 -0.40 0.00	24.79 -0.40 0.00	32.94 -0.47 0.00	28.92 -0.34 0.00	36.90 -0.45 0.00	40.37 -0.51 0.00	52.02 -0.59 0.00	57.88 -0.61 -0.13	41.78 -0.52 0.00	40.51 -0.58 0.00	35.86 -0.48 0.00	34.77 -0.46 0.00
ELEC_TRO_TEK 24086	54.64 2.11 -11.92	52.56 1.82 -16.68	51.64 1.67 -17.67	52.44 1.84 -14.88	54.28 1.79 -19.10	55.88 1.73 -22.61	58.30 1.66 -27.83	45.40 2.15 -9.18	31.96 1.76 -1.12	26.80 1.64 0.00	29.52 1.78 0.00	28.39 1.71 0.00	27.74 1.69 0.00	26.96 1.77 0.00	35.73 2.31 -0.01	30.02 1.74 0.99	39.60 2.25 0.00	43.32 2.45 0.00	55.69 3.07 0.00	61.63 3.27 0.00	44.50 2.20 0.00	43.30 2.21 0.00	38.24 1.90 0.00	36.91 1.68 0.00
ELLENBURG_WT_PWR 323604	40.68 0.06 0.00	33.99 -0.07 0.00	32.15 -0.15 0.00	35.67 -0.05 0.00	33.38 -0.02 0.00	31.49 -0.05 0.00	28.77 -0.03 0.00	33.91 -0.16 0.00	28.70 -0.38 0.00	24.76 -0.41 0.00	27.20 -0.54 0.00	26.19 -0.50 0.00	25.62 -0.43 0.00	24.90 -0.29 0.00	33.13 -0.28 0.00	28.89 -0.37 0.00	35.67 -0.79 0.89	34.28 -0.90 5.69	50.66 -1.25 0.71	54.84 -1.62 1.90	41.19 -1.11 0.00	40.30 -0.79 0.00	36.15 -0.18 0.00	35.22 -0.02 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.69 -0.93 0.00	33.11 -0.95 0.00	31.35 -0.96 0.00	34.65 -1.06 0.00	32.52 -0.88 0.00	30.74 -0.80 0.00	27.95 -0.85 0.00	32.69 -1.39 0.00	28.09 -1.01 0.00	24.60 -0.57 0.00	27.45 -0.29 0.00	26.70 0.01 0.00	25.86 -0.19 0.00	24.90 -0.28 0.00	32.95 -0.45 0.00	28.76 -0.50 0.00	34.76 -1.41 1.18	38.70 -2.17 0.00	50.22 -2.40 0.00	56.14 -2.22 0.00	40.77 -1.52 0.00	39.50 -1.60 0.00	35.11 -1.22 0.00	34.64 -0.59 0.00
EMPIRE_CC_1 323656	41.54 0.92 0.00	34.91 0.84 0.00	33.14 0.84 0.00	36.60 0.88 0.00	34.24 0.84 0.00	32.40 0.87 0.00	29.65 0.86 0.00	35.21 1.13 0.00	30.02 0.93 0.00	26.05 0.89 0.00	28.63 0.88 0.00	27.45 0.76 0.00	26.82 0.77 0.00	25.98 0.80 0.00	34.39 0.99 0.00	30.12 0.86 0.00	38.64 1.28 0.00	42.31 1.44 0.00	54.50 1.89 0.00	60.42 2.06 0.00	43.67 1.37 0.00	42.40 1.31 0.00	37.41 1.08 0.00	36.13 0.90 0.00
EMPIRE_CC_2 323658	41.54 0.92 0.00	34.91 0.84 0.00	33.14 0.84 0.00	36.60 0.88 0.00	34.24 0.84 0.00	32.40 0.87 0.00	29.65 0.86 0.00	35.21 1.13 0.00	30.02 0.93 0.00	26.05 0.89 0.00	28.63 0.88 0.00	27.45 0.76 0.00	26.82 0.77 0.00	25.98 0.80 0.00	34.39 0.99 0.00	30.12 0.86 0.00	38.64 1.28 0.00	42.31 1.44 0.00	54.50 1.89 0.00	60.42 2.06 0.00	43.67 1.37 0.00	42.40 1.31 0.00	37.41 1.08 0.00	36.13 0.90 0.00
ENORWICH_115KV_TB1 80156	41.54 0.92 0.00	34.74 0.67 0.00	32.85 0.54 0.00	36.19 0.47 0.00	33.88 0.48 0.00	31.84 0.30 0.00	29.13 0.33 0.00	34.50 0.42 0.00	29.40 0.31 0.00	25.08 -0.09 0.00	27.61 -0.13 0.00	26.52 -0.16 0.00	25.76 -0.30 0.00	24.70 -0.48 0.00	32.68 -0.73 0.00	29.08 -0.18 0.00	37.84 0.27 -0.21	41.56 0.69 0.00	53.94 1.32 0.00	60.45 2.09 0.00	43.51 1.21 0.00	42.07 0.97 0.00	37.06 0.73 0.00	35.87 0.64 0.00
ERIE_ST__34_KV_TB1-2 80199	39.92 -0.70 0.00	33.28 -0.78 0.00	31.48 -0.82 0.00	34.81 -0.91 0.00	32.64 -0.76 0.00	30.86 -0.67 0.00	28.10 -0.70 0.00	32.93 -1.14 0.00	28.30 -0.79 0.00	24.75 -0.41 0.00	27.61 -0.13 0.00	26.85 0.16 0.00	26.02 -0.03 0.00	25.03 -0.15 0.00	33.13 -0.28 0.00	28.92 -0.34 0.00	35.01 -1.13 1.21	39.10 -1.77 0.00	50.74 -1.88 0.00	56.76 -1.60 0.00	41.18 -1.12 0.00	39.89 -1.21 0.00	35.45 -0.88 0.00	34.92 -0.32 0.00
ERIE_WT_PWR 323693	39.50 -0.85 0.27	33.01 -0.90 0.15	31.38 -0.93 0.00	34.66 -1.02 0.04	32.55 -0.85 0.00	30.73 -0.78 0.03	27.70 -0.80 0.29	31.79 -1.31 0.97	20.45 -0.94 7.69	24.47 -0.54 0.15	27.49 -0.25 0.00	26.73 0.04 0.00	25.89 -0.17 0.00	24.91 -0.27 0.00	32.98 -0.43 0.00	28.33 -0.46 0.47	34.64 -1.36 1.35	38.07 -2.04 0.75	49.38 -2.16 1.07	54.24 -1.87 2.25	39.95 -1.30 1.05	38.63 -1.39 1.07	34.28 -1.04 1.01	33.83 -0.43 0.97
ESPRGFLD_115KV_TB1 80157	40.77 0.15 0.00	34.17 0.11 0.00	32.37 0.07 0.00	35.78 0.06 0.00	33.47 0.07 0.00	31.53 0.00 0.00	28.80 0.00 0.00	34.07 0.00 0.00	29.11 0.02 0.00	25.07 -0.10 0.00	27.80 0.06 0.00	26.83 0.15 0.00	26.21 0.16 0.00	25.23 0.05 0.00	33.44 0.03 0.00	29.30 0.04 0.00	37.47 0.12 0.00	40.93 0.06 0.00	52.68 0.06 0.00	58.44 0.08 0.00	42.41 0.11 0.00	41.13 0.04 0.00	36.33 0.00 0.00	35.27 0.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.88 0.26 0.00	34.21 0.15 0.00	32.40 0.10 0.00	35.83 0.11 0.00	33.54 0.13 0.00	31.63 0.10 0.00	28.90 0.10 0.00	34.19 0.11 0.00	29.19 0.10 0.00	25.12 -0.04 0.00	27.66 -0.08 0.00	26.58 -0.11 0.00	25.95 -0.10 0.00	25.06 -0.12 0.00	33.38 -0.03 0.00	29.35 0.09 0.00	37.97 0.28 -0.34	41.20 0.33 0.00	53.19 0.58 0.00	59.16 0.80 0.00	42.75 0.45 0.00	41.46 0.37 0.00	36.65 0.32 0.00	35.52 0.29 0.00
ETNA____115KV_TB2 80207	40.88 0.26 0.00	34.21 0.15 0.00	32.40 0.10 0.00	35.83 0.11 0.00	33.54 0.13 0.00	31.63 0.10 0.00	28.90 0.10 0.00	34.19 0.11 0.00	29.19 0.10 0.00	25.12 -0.04 0.00	27.66 -0.08 0.00	26.58 -0.11 0.00	25.95 -0.10 0.00	25.06 -0.12 0.00	33.38 -0.03 0.00	29.35 0.09 0.00	37.97 0.28 -0.34	41.20 0.33 0.00	53.19 0.58 0.00	59.16 0.80 0.00	42.75 0.45 0.00	41.46 0.37 0.00	36.65 0.32 0.00	35.52 0.29 0.00
EUCLID__115KV_TB2 356179	39.89 -0.73 0.00	33.43 -0.63 0.00	31.70 -0.61 0.00	35.04 -0.68 0.00	32.79 -0.61 0.00	30.98 -0.56 0.00	28.26 -0.53 0.00	33.38 -0.70 0.00	28.52 -0.58 0.00	24.66 -0.50 0.00	27.21 -0.54 0.00	26.19 -0.49 0.00	25.57 -0.47 0.00	24.73 -0.46 0.00	32.85 -0.56 0.00	28.81 -0.45 0.00	36.77 -0.58 0.00	40.21 -0.66 0.00	51.80 -0.81 0.00	57.52 -0.89 -0.06	41.61 -0.69 0.00	40.36 -0.73 0.00	35.66 -0.67 0.00	34.58 -0.65 0.00
E_CANADA_CAP_HY 24051	40.54 -0.08 0.00	34.00 -0.06 0.00	32.23 -0.07 0.00	35.62 -0.10 0.00	33.31 -0.09 0.00	31.40 -0.13 0.00	28.68 -0.11 0.00	33.93 -0.14 0.00	28.85 -0.23 0.00	24.71 -0.45 0.00	27.33 -0.42 0.00	26.38 -0.31 0.00	25.81 -0.24 0.00	24.89 -0.30 0.00	32.96 -0.44 0.00	28.89 -0.37 0.00	37.04 -0.31 0.00	40.68 -0.19 0.00	52.39 -0.22 0.00	58.10 -0.25 0.00	42.20 -0.10 0.00	40.90 -0.19 0.00	36.12 -0.21 0.00	35.08 -0.16 0.00
E_CANADA_MHWK_HY 24050	43.06 2.44 0.00	36.02 1.96 0.00	34.11 1.80 0.00	37.63 1.92 0.00	35.25 1.85 0.00	33.31 1.78 0.00	30.50 1.71 0.00	36.31 2.24 0.00	30.73 1.64 0.00	26.14 0.98 0.00	28.67 0.93 0.00	27.54 0.85 0.00	26.80 0.75 0.00	25.93 0.75 0.00	34.30 0.89 0.00	30.15 0.88 0.00	39.26 1.86 -0.05	44.09 2.88 -0.34	56.42 3.77 -0.04	62.61 4.14 -0.11	45.19 2.89 0.00	43.77 2.68 0.00	38.51 2.18 0.00	37.26 2.03 0.00
E_FISHKILL__LBMP 23776	42.07 1.45 0.00	35.31 1.25 0.00	33.44 1.13 0.00	36.94 1.23 0.00	34.61 1.21 0.00	32.72 1.19 0.00	29.98 1.19 0.00	35.67 1.59 0.00	30.48 1.39 0.00	26.46 1.29 0.00	29.17 1.42 0.00	28.04 1.36 0.00	27.43 1.38 0.00	26.62 1.44 0.00	35.29 1.88 0.00	30.83 1.57 0.00	39.34 1.99 0.00	42.99 2.12 0.00	55.37 2.75 0.00	61.33 2.98 0.00	44.29 1.99 0.00	43.08 1.98 0.00	38.03 1.70 0.00	36.71 1.48 0.00
FALCON__SEABRD_CC1 323796	40.94 0.32 0.00	34.07 0.00 0.00	32.10 -0.21 0.00	35.65 -0.07 0.00	33.51 0.11 0.00	31.66 0.13 0.00	28.94 0.14 0.00	33.97 -0.10 0.00	28.62 -0.47 0.00	24.58 -0.58 0.00	26.91 -0.83 0.00	25.86 -0.83 0.00	25.34 -0.72 0.00	24.78 -0.40 0.00	33.03 -0.38 0.00	28.73 -0.53 0.00	35.26 -1.21 0.88	33.66 -1.55 5.66	49.68 -2.23 0.71	53.53 -2.94 1.89	24.97 -2.13 15.19	39.63 -1.46 0.00	36.04 -0.29 0.00	35.23 0.00 0.00
FALCON__SEABRD_CC2 323797	40.94 0.32 0.00	34.07 0.00 0.00	32.10 -0.21 0.00	35.65 -0.07 0.00	33.51 0.11 0.00	31.66 0.13 0.00	28.94 0.14 0.00	33.97 -0.10 0.00	28.62 -0.47 0.00	24.58 -0.58 0.00	26.91 -0.83 0.00	25.86 -0.83 0.00	25.34 -0.72 0.00	24.78 -0.40 0.00	33.03 -0.38 0.00	28.73 -0.53 0.00	35.26 -1.21 0.88	33.66 -1.55 5.66	49.68 -2.23 0.71	53.53 -2.94 1.89	24.97 -2.13 15.19	39.63 -1.46 0.00	36.04 -0.29 0.00	35.23 0.00 0.00

FAR ROCKAWAY___4 23548	54.27 2.60 -11.05	51.75 2.22 -15.47	50.72 2.03 -16.39	51.75 2.23 -13.81	53.28 2.16 -17.71	54.59 2.08 -20.97	56.60 1.99 -25.81	45.11 2.52 -8.51	32.23 2.11 -1.03	27.11 1.95 0.00	29.86 2.11 0.00	28.72 2.04 0.00	28.06 2.01 0.00	27.27 2.09 0.00	36.18 2.75 -0.02	31.21 2.13 0.17	40.11 2.75 0.00	43.89 3.02 0.00	56.41 3.80 0.00	62.40 4.05 0.00	45.06 2.76 0.00	43.83 2.73 0.00	38.69 2.35 0.00	37.33 2.10 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.58 1.96 0.00	35.75 1.69 0.00	33.81 1.51 0.00	37.36 1.64 0.00	35.01 1.61 0.00	33.10 1.56 0.00	30.35 1.56 0.00	36.12 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.94 1.89 0.00	27.17 1.98 0.00	36.03 2.62 0.00	31.44 2.18 0.00	40.00 2.65 0.00	43.63 2.76 0.00	56.15 3.54 0.00	62.21 3.85 0.00	44.87 2.57 0.00	43.68 2.59 0.00	38.58 2.25 0.00	37.25 2.01 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.59 1.97 0.00	35.76 1.70 0.00	33.82 1.52 0.00	37.36 1.65 0.00	35.02 1.62 0.00	33.11 1.58 0.00	30.36 1.56 0.00	36.13 2.05 0.00	30.91 1.82 0.00	26.87 1.70 0.00	29.65 1.91 0.00	28.55 1.87 0.00	27.94 1.89 0.00	27.17 1.98 0.00	36.02 2.61 0.00	31.44 2.18 0.00	40.00 2.65 0.00	43.63 2.76 0.00	56.15 3.54 0.00	62.22 3.86 0.00	44.87 2.58 0.00	43.68 2.59 0.00	38.58 2.25 0.00	37.25 2.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.61 1.99 0.00	35.74 1.67 0.00	33.80 1.50 0.00	37.35 1.63 0.00	35.00 1.60 0.00	33.08 1.55 0.00	30.34 1.54 0.00	36.12 2.04 0.00	30.89 1.80 0.00	26.86 1.69 0.00	29.63 1.89 0.00	28.54 1.85 0.00	27.93 1.88 0.00	27.15 1.97 0.00	36.00 2.60 0.00	31.42 2.16 0.00	39.97 2.61 0.00	43.59 2.72 0.00	56.11 3.50 0.00	62.16 3.80 0.00	44.84 2.54 0.00	43.64 2.55 0.00	38.56 2.23 0.00	37.22 1.99 0.00
FARRAGUT___LBMP 323566	42.54 1.92 0.00	35.72 1.66 0.00	33.79 1.48 0.00	37.33 1.61 0.00	34.98 1.58 0.00	33.07 1.54 0.00	30.32 1.53 0.00	36.09 2.01 0.00	30.87 1.79 0.00	26.84 1.67 0.00	29.62 1.87 0.00	28.52 1.83 0.00	27.91 1.85 0.00	27.14 1.95 0.00	35.98 2.57 0.00	31.40 2.14 0.00	39.95 2.60 0.00	43.55 2.68 0.00	56.07 3.45 0.00	62.13 3.77 0.00	44.82 2.52 0.00	43.62 2.53 0.00	38.54 2.20 0.00	37.20 1.97 0.00
FENNER___WINDPWR 24204	40.86 0.24 0.00	34.25 0.19 0.00	32.50 0.19 0.00	35.92 0.20 0.00	33.63 0.23 0.00	31.76 0.23 0.00	29.01 0.21 0.00	34.33 0.25 0.00	29.28 0.19 0.00	25.17 0.01 0.00	27.64 -0.10 0.00	26.58 -0.10 0.00	25.96 -0.09 0.00	25.10 -0.08 0.00	33.35 -0.05 0.00	29.44 0.18 0.00	37.78 0.43 0.00	41.39 0.52 0.00	53.30 0.68 0.00	59.19 0.84 0.00	42.82 0.52 0.00	41.50 0.41 0.00	36.64 0.30 0.00	35.50 0.27 0.00
FIBERTEK___ENERGY 23856	40.27 -0.35 0.00	33.73 -0.33 0.00	31.98 -0.33 0.00	35.35 -0.36 0.00	33.09 -0.31 0.00	31.23 -0.30 0.00	28.51 -0.29 0.00	33.69 -0.39 0.00	28.74 -0.35 0.00	24.84 -0.32 0.00	27.38 -0.36 0.00	26.35 -0.33 0.00	25.77 -0.28 0.00	24.93 -0.26 0.00	33.13 -0.28 0.00	29.08 -0.18 0.00	37.15 -0.20 0.00	40.63 -0.24 0.00	52.37 -0.24 0.00	58.22 -0.26 -0.13	42.04 -0.26 0.00	40.76 -0.33 0.00	36.04 -0.29 0.00	34.93 -0.30 0.00
FITZPATRICK___ 23598	39.36 -1.26 0.00	32.99 -1.07 0.00	31.29 -1.02 0.00	34.58 -1.14 0.00	32.36 -1.04 0.00	30.55 -0.98 0.00	27.87 -0.92 0.00	32.91 -1.16 0.00	28.11 -0.98 0.00	24.32 -0.85 0.00	26.82 -0.92 0.00	25.81 -0.87 0.00	25.20 -0.85 0.00	24.36 -0.82 0.00	32.34 -1.07 0.00	28.36 -0.91 0.00	36.19 -1.16 0.00	39.57 -1.30 0.00	50.98 -1.63 0.00	55.36 -1.82 1.17	40.96 -1.34 0.00	39.73 -1.36 0.00	35.13 -1.20 0.00	34.09 -1.14 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.57 1.95 0.00	35.71 1.65 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.09 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.85 1.76 0.00	26.76 1.59 0.00	29.52 1.78 0.00	28.37 1.68 0.00	27.73 1.69 0.00	26.93 1.74 0.00	35.73 2.33 0.00	31.23 1.97 0.00	39.90 2.55 0.00	43.65 2.78 0.00	56.26 3.65 0.00	62.33 3.97 0.00	44.97 2.68 0.00	43.69 2.60 0.00	38.54 2.21 0.00	37.19 1.96 0.00
FORT ORANGE___ 23900	41.17 0.55 0.00	34.57 0.51 0.00	32.84 0.53 0.00	36.24 0.52 0.00	33.94 0.54 0.00	32.14 0.60 0.00	29.40 0.61 0.00	34.89 0.81 0.00	29.78 0.70 0.00	25.76 0.59 0.00	28.30 0.56 0.00	27.15 0.46 0.00	26.51 0.46 0.00	25.69 0.51 0.00	34.05 0.64 0.00	29.92 0.66 0.00	38.22 0.87 0.00	41.96 1.09 0.00	54.07 1.46 0.00	59.94 1.59 0.00	43.33 1.03 0.00	42.04 0.95 0.00	37.08 0.74 0.00	35.82 0.59 0.00
FORT_DRUM_COGEN 23780	40.73 0.11 0.00	34.25 0.19 0.00	32.50 0.19 0.00	35.81 0.09 0.00	33.51 0.11 0.00	31.59 0.06 0.00	28.75 -0.05 0.00	33.92 -0.15 0.00	28.78 -0.30 0.00	24.39 -0.77 0.00	26.36 -1.38 0.00	25.19 -1.50 0.00	24.64 -1.41 0.00	23.73 -1.45 0.00	31.46 -1.95 0.00	28.13 -1.13 0.00	36.58 -0.62 0.16	39.89 0.02 1.01	52.49 0.00 0.12	58.32 0.17 0.21	42.31 0.01 0.00	41.23 0.14 0.00	36.29 -0.04 0.00	34.88 -0.36 0.00
FOX_HILLS___ESR 323835	42.52 1.90 0.00	35.76 1.70 0.00	33.79 1.49 0.00	37.35 1.63 0.00	35.01 1.61 0.00	33.08 1.55 0.00	30.34 1.54 0.00	36.11 2.03 0.00	30.89 1.80 0.00	26.85 1.68 0.00	29.62 1.87 0.00	28.53 1.84 0.00	27.93 1.88 0.00	27.14 1.95 0.00	35.99 2.58 0.00	31.43 2.16 0.00	39.90 2.55 0.00	43.47 2.60 0.00	56.00 3.38 0.00	62.10 3.74 0.00	44.82 2.53 0.00	43.67 2.58 0.00	38.65 2.32 0.00	37.27 2.04 0.00
FPL_FAR_ROCK_GT1 24212	54.27 2.60 -11.05	51.73 2.21 -15.47	50.72 2.02 -16.39	51.74 2.21 -13.81	53.26 2.15 -17.71	54.58 2.07 -20.97	56.59 1.98 -25.81	45.10 2.51 -8.51	32.24 2.12 -1.03	27.11 1.95 0.00	29.86 2.11 0.00	28.72 2.04 0.00	28.06 2.01 0.00	27.27 2.09 0.00	36.17 2.74 -0.02	31.21 2.11 0.17	40.10 2.75 0.00	43.89 3.03 0.00	56.41 3.80 0.00	62.40 4.05 0.00	45.06 2.75 0.00	43.83 2.73 0.00	38.68 2.35 0.00	37.33 2.10 0.00
FPL_FAR_ROCK_GT2 23815	54.27 2.60 -11.05	51.73 2.21 -15.47	50.72 2.02 -16.39	51.74 2.21 -13.81	53.26 2.15 -17.71	54.58 2.07 -20.97	56.59 1.98 -25.81	45.10 2.51 -8.51	32.24 2.12 -1.03	27.11 1.95 0.00	29.86 2.11 0.00	28.72 2.04 0.00	28.06 2.01 0.00	27.27 2.09 0.00	36.17 2.74 -0.02	31.21 2.11 0.17	40.10 2.75 0.00	43.89 3.03 0.00	56.41 3.80 0.00	62.40 4.05 0.00	45.06 2.75 0.00	43.83 2.73 0.00	38.68 2.35 0.00	37.33 2.10 0.00
FRANKLIN_FALL_HYD 24054	41.32 0.70 0.00	34.54 0.48 0.00	32.68 0.37 0.00	36.25 0.53 0.00	33.88 0.48 0.00	31.95 0.41 0.00	29.19 0.39 0.00	34.48 0.40 0.00	29.22 0.13 0.00	25.14 -0.02 0.00	27.54 -0.20 0.00	26.48 -0.21 0.00	25.88 -0.17 0.00	25.15 -0.03 0.00	33.45 0.05 0.00	29.15 -0.11 0.00	36.22 -0.32 0.81	35.41 -0.26 5.20	51.66 -0.31 0.65	56.27 -0.35 1.73	42.96 -0.12 -0.79	41.18 0.08 0.00	36.76 0.43 0.00	35.75 0.52 0.00

FREEPORT_EQUS_GT1 23764	52.15 2.35 -9.18	48.94 2.02 -12.85	47.78 1.86 -13.62	49.24 2.05 -11.47	50.10 1.98 -14.72	50.89 1.92 -17.43	52.09 1.85 -21.45	43.50 2.35 -7.08	31.90 1.96 -0.86	26.95 1.78 0.00	29.66 1.92 0.00	28.51 1.83 0.00	27.84 1.79 0.00	27.05 1.86 0.00	35.86 2.44 -0.01	27.96 1.84 3.14	39.72 2.37 0.00	43.50 2.63 0.00	55.93 3.32 0.00	61.90 3.55 0.00	44.70 2.40 0.00	43.49 2.40 0.00	38.40 2.06 0.00	37.06 1.83 0.00
FREEPORT___CT2 23818	52.15 2.35 -9.18	48.94 2.02 -12.85	47.78 1.86 -13.62	49.24 2.05 -11.47	50.10 1.98 -14.72	50.89 1.92 -17.43	52.09 1.85 -21.45	43.50 2.35 -7.08	31.90 1.96 -0.86	26.95 1.78 0.00	29.66 1.92 0.00	28.51 1.83 0.00	27.84 1.79 0.00	27.05 1.86 0.00	35.86 2.44 -0.01	27.96 1.84 3.14	39.72 2.37 0.00	43.50 2.63 0.00	55.93 3.32 0.00	61.90 3.55 0.00	44.70 2.40 0.00	43.49 2.40 0.00	38.40 2.06 0.00	37.06 1.83 0.00
FRESHKLS_33_KV_LOAD 356253	42.53 1.91 0.00	35.80 1.75 0.00	33.82 1.51 0.00	37.39 1.67 0.00	35.04 1.64 0.00	33.11 1.58 0.00	30.37 1.57 0.00	36.14 2.07 0.00	30.92 1.83 0.00	26.86 1.70 0.00	29.62 1.88 0.00	28.52 1.84 0.00	27.93 1.88 0.00	27.13 1.95 0.00	36.00 2.59 0.00	31.44 2.18 0.00	39.90 2.55 0.00	43.46 2.59 0.00	55.95 3.34 0.00	62.06 3.70 0.00	44.81 2.51 0.00	43.68 2.59 0.00	38.71 2.37 0.00	37.31 2.07 0.00
FULTON COGEN____ 23766	39.74 -0.87 0.00	33.32 -0.74 0.00	31.59 -0.72 0.00	34.90 -0.82 0.00	32.66 -0.74 0.00	30.86 -0.68 0.00	28.15 -0.64 0.00	33.24 -0.83 0.00	28.40 -0.69 0.00	24.55 -0.62 0.00	27.06 -0.68 0.00	26.04 -0.64 0.00	25.42 -0.63 0.00	24.58 -0.60 0.00	32.68 -0.72 0.00	28.67 -0.60 0.00	36.62 -0.73 0.00	40.07 -0.80 0.00	51.63 -0.99 0.00	57.57 -1.10 -0.31	41.46 -0.85 0.00	40.20 -0.89 0.00	35.51 -0.83 0.00	34.42 -0.81 0.00
FULTON___LFGE 323630	41.45 0.83 0.00	34.76 0.70 0.00	32.96 0.65 0.00	36.41 0.69 0.00	34.08 0.68 0.00	32.18 0.64 0.00	29.43 0.64 0.00	34.88 0.80 0.00	29.64 0.55 0.00	25.27 0.10 0.00	27.82 0.08 0.00	26.84 0.16 0.00	26.25 0.20 0.00	25.36 0.18 0.00	33.63 0.22 0.00	29.51 0.25 0.00	38.04 0.69 0.00	41.97 1.10 0.00	54.08 1.47 0.00	59.99 1.64 0.00	43.47 1.17 0.00	42.10 1.01 0.00	37.11 0.78 0.00	35.94 0.71 0.00
G.F.CEMENT___DRP 24184	42.50 1.88 0.00	35.61 1.55 0.00	33.79 1.48 0.00	37.35 1.63 0.00	34.91 1.51 0.00	33.03 1.50 0.00	30.30 1.51 0.00	36.00 1.92 0.00	30.63 1.54 0.00	26.29 1.13 0.00	28.72 0.97 0.00	27.40 0.72 0.00	26.78 0.72 0.00	26.07 0.88 0.00	34.63 1.22 0.00	30.46 1.20 0.00	39.48 2.14 0.00	43.55 2.68 0.00	56.13 3.51 0.00	62.26 3.90 0.00	44.85 2.55 0.00	43.32 2.23 0.00	38.13 1.79 0.00	36.80 1.56 0.00
GARDENVILLE___LBMP 24039	39.58 -1.04 0.00	33.04 -1.03 0.00	31.26 -1.05 0.00	34.56 -1.16 0.00	32.42 -0.98 0.00	30.64 -0.90 0.00	27.88 -0.92 0.00	32.58 -1.50 0.00	27.99 -1.10 0.00	24.51 -0.66 0.00	27.34 -0.40 0.00	26.57 -0.11 0.00	25.71 -0.34 0.00	24.73 -0.45 0.00	32.77 -0.64 0.00	28.60 -0.66 0.00	33.21 -1.59 2.56	38.58 -2.29 0.00	50.17 -2.44 0.00	56.21 -2.14 0.00	40.81 -1.48 0.00	39.55 -1.55 0.00	35.19 -1.15 0.00	34.71 -0.52 0.00
GARDNVLA_35_KV_LD 355827	39.88 -0.74 0.00	33.25 -0.81 0.00	31.46 -0.84 0.00	34.79 -0.93 0.00	32.63 -0.77 0.00	30.83 -0.70 0.00	28.07 -0.73 0.00	32.83 -1.25 0.00	28.22 -0.87 0.00	24.71 -0.45 0.00	27.58 -0.16 0.00	26.81 0.13 0.00	25.96 -0.09 0.00	24.99 -0.19 0.00	33.11 -0.30 0.00	28.91 -0.35 0.00	35.02 -1.20 1.13	39.02 -1.85 0.00	50.69 -1.92 0.00	56.71 -1.65 0.00	41.16 -1.14 0.00	39.86 -1.23 0.00	35.42 -0.92 0.00	34.90 -0.34 0.00
GELCKHM___115KV_LOAD 80723	40.04 -0.58 0.00	33.55 -0.51 0.00	31.81 -0.50 0.00	35.16 -0.56 0.00	32.91 -0.49 0.00	31.08 -0.46 0.00	28.36 -0.44 0.00	33.51 -0.57 0.00	28.60 -0.49 0.00	24.73 -0.43 0.00	27.27 -0.47 0.00	26.25 -0.44 0.00	25.65 -0.40 0.00	24.80 -0.38 0.00	32.96 -0.45 0.00	28.91 -0.35 0.00	36.91 -0.44 0.00	40.37 -0.51 0.00	52.02 -0.59 0.00	57.79 -0.66 -0.09	41.78 -0.52 0.00	40.51 -0.58 0.00	35.81 -0.52 0.00	34.72 -0.51 0.00
GENERAL___MILLS 23808	39.78 -0.84 0.00	33.18 -0.88 0.00	31.39 -0.92 0.00	34.71 -1.01 0.00	32.57 -0.83 0.00	30.78 -0.76 0.00	28.00 -0.79 0.00	32.75 -1.32 0.00	28.15 -0.94 0.00	24.63 -0.53 0.00	27.50 -0.24 0.00	26.74 0.05 0.00	25.89 -0.17 0.00	24.92 -0.27 0.00	32.99 -0.42 0.00	28.80 -0.46 0.00	34.66 -1.35 0.00	38.84 -2.03 0.00	50.46 -2.16 0.00	56.45 -1.91 0.00	40.98 -1.32 0.00	39.70 -1.39 0.00	35.29 -1.05 0.00	34.79 -0.45 0.00
GE_PLASTICS___DRP 24183	41.13 0.51 0.00	34.54 0.48 0.00	32.79 0.49 0.00	36.21 0.49 0.00	33.91 0.51 0.00	32.08 0.55 0.00	29.34 0.54 0.00	34.81 0.73 0.00	29.73 0.64 0.00	25.75 0.58 0.00	28.34 0.60 0.00	27.21 0.52 0.00	26.58 0.53 0.00	25.72 0.54 0.00	34.08 0.68 0.00	29.90 0.63 0.00	38.20 0.85 0.00	41.83 0.96 0.00	53.86 1.24 0.00	59.70 1.34 0.00	43.20 0.90 0.00	41.94 0.85 0.00	37.02 0.69 0.00	35.79 0.56 0.00
GILBOA___1 23756	41.33 0.72 0.00	34.72 0.66 0.00	32.99 0.69 0.00	36.45 0.74 0.00	34.13 0.73 0.00	32.26 0.72 0.00	29.43 0.63 0.00	34.90 0.82 0.00	29.91 0.82 0.00	25.93 0.76 0.00	28.67 0.93 0.00	27.56 0.87 0.00	26.91 0.85 0.00	25.89 0.70 0.00	34.31 0.90 0.00	30.03 0.77 0.00	38.39 1.04 0.00	41.95 1.09 0.00	53.82 1.20 0.00	59.70 1.34 0.00	43.35 1.05 0.00	42.11 1.02 0.00	37.20 0.87 0.00	35.98 0.74 0.00
GILBOA___2 23757	41.33 0.72 0.00	34.72 0.66 0.00	32.99 0.69 0.00	36.45 0.74 0.00	34.13 0.73 0.00	32.26 0.72 0.00	29.43 0.63 0.00	34.90 0.82 0.00	29.91 0.82 0.00	25.93 0.76 0.00	28.67 0.93 0.00	27.56 0.87 0.00	26.91 0.85 0.00	25.89 0.70 0.00	34.31 0.90 0.00	30.03 0.77 0.00	38.39 1.04 0.00	41.95 1.09 0.00	53.82 1.20 0.00	59.70 1.34 0.00	43.35 1.05 0.00	42.11 1.02 0.00	37.20 0.87 0.00	35.98 0.74 0.00
GILBOA___3 23758	41.33 0.72 0.00	34.72 0.66 0.00	32.99 0.69 0.00	36.45 0.74 0.00	34.13 0.73 0.00	32.26 0.72 0.00	29.43 0.63 0.00	34.90 0.82 0.00	29.91 0.82 0.00	25.93 0.76 0.00	28.67 0.93 0.00	27.56 0.87 0.00	26.91 0.85 0.00	25.89 0.70 0.00	34.31 0.90 0.00	30.03 0.77 0.00	38.39 1.04 0.00	41.95 1.09 0.00	53.82 1.20 0.00	59.70 1.34 0.00	43.35 1.05 0.00	42.11 1.02 0.00	37.20 0.87 0.00	35.98 0.74 0.00
GILBOA___4 23759	41.33 0.72 0.00	34.72 0.66 0.00	32.99 0.69 0.00	36.45 0.74 0.00	34.13 0.73 0.00	32.26 0.72 0.00	29.43 0.63 0.00	34.90 0.82 0.00	29.91 0.82 0.00	25.93 0.76 0.00	28.67 0.93 0.00	27.56 0.87 0.00	26.91 0.85 0.00	25.89 0.70 0.00	34.31 0.90 0.00	30.03 0.77 0.00	38.39 1.04 0.00	41.95 1.09 0.00	53.82 1.20 0.00	59.70 1.34 0.00	43.35 1.05 0.00	42.11 1.02 0.00	37.20 0.87 0.00	35.98 0.74 0.00

GILBOA____ 23599	41.33 0.72 0.00	34.72 0.66 0.00	32.99 0.69 0.00	36.45 0.74 0.00	34.12 0.72 0.00	32.26 0.72 0.00	29.43 0.63 0.00	34.90 0.83 0.00	29.91 0.82 0.00	25.93 0.76 0.00	28.67 0.93 0.00	27.56 0.87 0.00	26.91 0.85 0.00	25.89 0.70 0.00	34.31 0.90 0.00	30.03 0.77 0.00	38.39 1.04 0.00	41.96 1.09 0.00	53.82 1.21 0.00	59.70 1.34 0.00	43.35 1.06 0.00	42.12 1.02 0.00	37.20 0.87 0.00	35.98 0.74 0.00
GINNA____ 23603	38.34 -2.21 0.07	32.08 -1.94 0.04	30.45 -1.86 0.00	33.63 -2.08 0.01	31.50 -1.90 0.00	29.79 -1.74 0.01	27.11 -1.61 0.08	31.79 -2.03 0.26	25.32 -1.70 2.07	23.75 -1.38 0.04	26.31 -1.44 0.00	25.44 -1.24 0.00	24.87 -1.18 0.00	24.03 -1.15 0.00	31.90 -1.50 0.00	27.83 -1.30 0.13	35.42 -1.93 0.00	38.30 -2.37 0.20	49.45 -2.88 0.29	54.64 -3.12 0.60	39.75 -2.27 0.28	38.41 -2.39 0.29	33.96 -2.10 0.27	33.12 -1.86 0.26
GLEN PARK____ 23778	40.93 0.31 0.00	34.40 0.34 0.00	32.65 0.34 0.00	35.97 0.25 0.00	33.65 0.25 0.00	31.75 0.21 0.00	28.90 0.10 0.00	34.10 0.02 0.00	28.92 -0.17 0.00	24.45 -0.71 0.00	26.38 -1.36 0.00	25.22 -1.47 0.00	24.67 -1.38 0.00	23.74 -1.45 0.00	31.47 -1.94 0.00	28.22 -1.04 0.00	36.81 -0.39 0.15	40.23 0.31 0.95	52.88 0.39 0.12	58.77 0.60 0.19	42.60 0.31 0.00	41.48 0.39 0.00	36.50 0.16 0.00	35.07 -0.17 0.00
GLENDALE_27_KV_LOAD 356172	42.68 2.06 0.00	35.89 1.83 0.00	33.94 1.63 0.00	37.50 1.78 0.00	35.14 1.74 0.00	33.21 1.68 0.00	30.45 1.66 0.00	36.24 2.16 0.00	31.01 1.92 0.00	26.96 1.79 0.00	29.75 2.01 0.00	28.65 1.97 0.00	28.05 1.99 0.00	27.26 2.07 0.00	36.12 2.71 0.00	31.54 2.27 0.00	40.07 2.72 0.00	43.64 2.77 0.00	56.17 3.56 0.00	62.29 3.93 0.00	44.95 2.65 0.00	43.74 2.65 0.00	38.69 2.35 0.00	37.37 2.14 0.00
GLENWOOD_IC_1_G5 23712	54.43 2.16 -11.65	52.22 1.86 -16.30	51.27 1.69 -17.27	52.12 1.85 -14.55	53.88 1.81 -18.67	55.38 1.74 -22.11	57.70 1.70 -27.21	45.25 2.20 -8.98	32.02 1.85 -1.09	26.87 1.71 0.00	29.62 1.87 0.00	28.50 1.81 0.00	27.85 1.80 0.00	27.08 1.89 0.00	35.89 2.48 0.00	29.30 1.96 1.93	39.84 2.49 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.05 3.70 0.00	44.78 2.49 0.00	43.57 2.48 0.00	38.46 2.13 0.00	37.13 1.90 0.00
GLENWOOD_IC_2_G1 23688	43.07 1.96 -0.49	36.44 1.69 -0.69	34.57 1.53 -0.73	38.00 1.67 -0.62	35.83 1.64 -0.79	34.05 1.58 -0.93	31.50 1.55 -1.15	36.49 2.04 -0.38	30.87 1.73 -0.05	26.77 1.61 0.00	29.51 1.77 0.00	28.39 1.71 0.00	27.76 1.71 0.00	26.98 1.79 0.00	35.76 2.35 0.00	31.14 1.88 0.00	39.73 2.38 0.00	43.42 2.55 0.00	55.86 3.25 0.00	61.87 3.52 0.00	44.65 2.35 0.00	43.44 2.35 0.00	38.36 2.03 0.00	37.03 1.80 0.00
GLENWOOD_IC_3_G1 23689	43.07 1.96 -0.49	36.44 1.69 -0.69	34.57 1.53 -0.73	38.00 1.67 -0.62	35.83 1.64 -0.79	34.05 1.58 -0.93	31.50 1.55 -1.15	36.49 2.04 -0.38	30.87 1.73 -0.05	26.77 1.61 0.00	29.51 1.77 0.00	28.39 1.71 0.00	27.76 1.71 0.00	26.98 1.79 0.00	35.76 2.35 0.00	31.14 1.88 0.00	39.73 2.38 0.00	43.42 2.55 0.00	55.86 3.25 0.00	61.87 3.52 0.00	44.65 2.35 0.00	43.44 2.35 0.00	38.36 2.03 0.00	37.03 1.80 0.00
GLENWOOD____4 23550	54.43 2.16 -11.65	52.22 1.86 -16.30	51.27 1.69 -17.27	52.12 1.85 -14.55	53.88 1.81 -18.67	55.38 1.74 -22.11	57.70 1.70 -27.21	45.25 2.20 -8.98	32.02 1.85 -1.09	26.87 1.71 0.00	29.62 1.87 0.00	28.50 1.81 0.00	27.85 1.80 0.00	27.08 1.89 0.00	35.89 2.48 0.00	29.30 1.96 1.93	39.84 2.49 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.05 3.70 0.00	44.78 2.49 0.00	43.57 2.48 0.00	38.46 2.13 0.00	37.13 1.90 0.00
GLENWOOD____5 23614	54.43 2.16 -11.65	52.22 1.86 -16.30	51.27 1.69 -17.27	52.12 1.85 -14.55	53.88 1.81 -18.67	55.38 1.74 -22.11	57.70 1.70 -27.21	45.25 2.20 -8.98	32.02 1.85 -1.09	26.87 1.71 0.00	29.62 1.87 0.00	28.50 1.81 0.00	27.85 1.80 0.00	27.08 1.89 0.00	35.89 2.48 0.00	29.30 1.96 1.93	39.84 2.49 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.05 3.70 0.00	44.78 2.49 0.00	43.57 2.48 0.00	38.46 2.13 0.00	37.13 1.90 0.00
GLOBAL GREEN_PORT_GT1 23814	49.38 3.07 -5.69	46.02 2.64 -9.32	44.64 2.46 -9.87	46.71 2.67 -8.32	46.61 2.54 -10.67	46.66 2.49 -12.64	46.60 2.25 -15.55	42.05 2.84 -5.13	32.16 2.45 -0.62	27.48 2.32 0.00	30.19 2.44 0.00	28.96 2.27 0.00	28.24 2.18 0.00	27.43 2.24 0.00	36.32 2.91 0.00	23.99 2.25 7.52	33.43 3.06 6.99	37.08 3.56 7.34	44.37 2.56 10.81	47.85 1.72 12.22	35.30 1.17 8.16	35.23 1.20 7.06	37.19 0.86 0.00	35.78 0.55 0.00
GLOBE____DSASP 323697	39.34 -1.28 0.00	32.84 -1.22 0.00	31.13 -1.18 0.00	34.38 -1.34 0.00	32.28 -1.12 0.00	30.55 -0.99 0.00	27.76 -1.03 0.00	32.39 -1.68 0.00	27.81 -1.29 0.00	24.39 -0.78 0.00	27.17 -0.57 0.00	26.48 -0.21 0.00	25.65 -0.41 0.00	24.69 -0.49 0.00	32.68 -0.73 0.00	28.49 -0.78 0.00	34.33 -1.92 1.10	37.88 -2.99 0.00	49.00 -3.61 0.00	54.72 -3.63 0.00	39.90 -2.40 0.00	38.65 -2.44 0.00	34.57 -1.77 0.00	34.27 -0.96 0.00
GOETHSLN____LBMP 323567	42.37 1.75 0.00	35.57 1.51 0.00	33.63 1.33 0.00	37.17 1.45 0.00	34.85 1.45 0.00	32.94 1.40 0.00	30.20 1.40 0.00	35.95 1.87 0.00	30.76 1.67 0.00	26.74 1.58 0.00	29.51 1.77 0.00	28.43 1.74 0.00	27.82 1.77 0.00	27.05 1.87 0.00	35.87 2.47 0.00	31.30 2.04 0.00	39.83 2.48 0.00	43.44 2.57 0.00	55.91 3.30 0.00	61.92 3.57 0.00	44.66 2.36 0.00	43.48 2.39 0.00	38.41 2.08 0.00	37.08 1.84 0.00
GOLAH____69_KV_TB 1_2 80279	40.59 -0.03 0.00	33.94 -0.12 0.00	32.19 -0.12 0.00	35.53 -0.19 0.00	33.23 -0.17 0.00	31.50 -0.04 0.00	28.72 -0.07 0.00	33.73 -0.34 0.00	28.81 -0.28 0.00	25.04 -0.12 0.00	27.76 0.02 0.00	26.98 0.29 0.00	26.42 0.37 0.00	25.42 0.24 0.00	33.64 0.23 0.00	29.44 0.18 0.00	37.17 -0.17 0.00	40.34 -0.53 0.00	52.24 -0.37 0.00	58.07 -0.29 0.00	42.11 -0.18 0.00	40.72 -0.37 0.00	36.05 -0.28 0.00	35.26 0.03 0.00
GOODYEAR_LAKE_HYD 323669	41.41 0.79 0.00	34.70 0.64 0.00	32.88 0.58 0.00	36.34 0.63 0.00	34.02 0.62 0.00	32.10 0.56 0.00	29.33 0.53 0.00	34.75 0.67 0.00	29.73 0.64 0.00	25.67 0.50 0.00	28.42 0.68 0.00	27.38 0.70 0.00	26.73 0.68 0.00	25.73 0.54 0.00	34.10 0.69 0.00	29.90 0.64 0.00	38.26 0.91 0.00	41.80 0.93 0.00	53.80 1.18 0.00	59.65 1.29 0.00	43.20 0.90 0.00	41.92 0.82 0.00	37.02 0.68 0.00	35.85 0.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.71 0.10 0.00	34.08 0.02 0.00	32.25 -0.06 0.00	35.68 -0.03 0.00	33.39 -0.01 0.00	31.49 -0.05 0.00	28.76 -0.03 0.00	34.04 -0.04 0.00	29.18 0.09 0.00	25.24 0.08 0.00	27.97 0.23 0.00	26.93 0.24 0.00	26.23 0.18 0.00	25.36 0.18 0.00	33.65 0.24 0.00	29.42 0.15 0.00	37.59 0.24 0.00	40.96 0.09 0.00	52.73 0.11 0.00	58.65 0.29 0.00	42.39 0.10 0.00	41.22 0.13 0.00	36.51 0.18 0.00	35.44 0.21 0.00

GOUDEY___7 23579	40.71 0.10 0.00	34.08 0.02 0.00	32.25 -0.06 0.00	35.68 -0.03 0.00	33.39 -0.01 0.00	31.49 -0.05 0.00	28.76 -0.03 0.00	34.04 -0.04 0.00	29.18 0.09 0.00	25.24 0.08 0.00	27.97 0.23 0.00	26.93 0.24 0.00	26.23 0.18 0.00	25.36 0.18 0.00	33.65 0.24 0.00	29.42 0.15 0.00	37.59 0.24 0.00	40.96 0.09 0.00	52.73 0.11 0.00	58.65 0.29 0.00	42.39 0.10 0.00	41.22 0.13 0.00	36.51 0.18 0.00	35.44 0.21 0.00
GOUDEY___8 23580	40.71 0.10 0.00	34.08 0.02 0.00	32.25 -0.06 0.00	35.68 -0.03 0.00	33.39 -0.01 0.00	31.49 -0.05 0.00	28.76 -0.03 0.00	34.04 -0.04 0.00	29.18 0.09 0.00	25.24 0.08 0.00	27.97 0.23 0.00	26.93 0.24 0.00	26.23 0.18 0.00	25.36 0.18 0.00	33.65 0.24 0.00	29.42 0.15 0.00	37.59 0.24 0.00	40.96 0.09 0.00	52.73 0.11 0.00	58.65 0.29 0.00	42.39 0.10 0.00	41.22 0.13 0.00	36.51 0.18 0.00	35.44 0.21 0.00
GOWANUS_GT1_1 24077	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT1_2 24078	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT1_3 24079	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT1_4 24080	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT1_5 24084	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT1_6 24111	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT1_7 24112	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT1_8 24113	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT2_1 24114	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00
GOWANUS_GT2_2 24115	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00
GOWANUS_GT2_3 24116	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00
GOWANUS_GT2_4 24117	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00
GOWANUS_GT2_5 24118	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00

GOWANUS_GT2_6 24119	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00
GOWANUS_GT2_7 24120	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00
GOWANUS_GT2_8 24121	42.60 1.99 0.00	35.81 1.75 0.00	33.85 1.54 0.00	37.40 1.68 0.00	35.05 1.65 0.00	33.13 1.60 0.00	30.38 1.58 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.22 0.00	40.00 2.65 0.00	43.58 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.92 2.62 0.00	43.74 2.65 0.00	38.68 2.35 0.00	37.31 2.08 0.00
GOWANUS_GT3_1 24122	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT3_2 24123	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT3_3 24124	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT3_4 24125	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT3_5 24126	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT3_6 24127	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT3_7 24128	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT3_8 24129	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
GOWANUS_GT4_1 24130	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00
GOWANUS_GT4_2 24131	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00
GOWANUS_GT4_3 24132	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00
GOWANUS_GT4_4 24133	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00

GOWANUS_GT4_5 24134	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00
GOWANUS_GT4_6 24135	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00
GOWANUS_GT4_7 24136	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00
GOWANUS_GT4_8 24137	42.60 1.98 0.00	35.81 1.75 0.00	33.84 1.54 0.00	37.39 1.68 0.00	35.06 1.66 0.00	33.13 1.59 0.00	30.38 1.58 0.00	36.15 2.08 0.00	30.93 1.84 0.00	26.89 1.73 0.00	29.68 1.93 0.00	28.59 1.90 0.00	27.98 1.93 0.00	27.19 2.01 0.00	36.05 2.64 0.00	31.48 2.23 0.00	40.00 2.65 0.00	43.59 2.71 0.00	56.15 3.53 0.00	62.26 3.90 0.00	44.93 2.63 0.00	43.75 2.66 0.00	38.68 2.35 0.00	37.32 2.08 0.00
GREATVR_69_KV_BK1 356245	49.33 2.47 -6.25	46.06 2.25 -9.75	44.73 2.10 -10.33	46.75 2.34 -8.70	46.80 2.24 -11.16	46.93 2.18 -13.22	47.11 2.05 -16.27	42.06 2.62 -5.37	31.95 2.21 -0.65	27.16 1.99 0.00	29.83 2.09 0.00	28.66 1.97 0.00	27.96 1.91 0.00	27.15 1.97 0.00	35.96 2.55 0.00	24.09 1.83 7.00	34.59 2.40 5.16	38.22 2.77 5.43	47.99 3.36 7.98	53.01 3.68 9.03	38.83 2.56 6.03	38.46 2.58 5.21	38.60 2.27 0.00	37.19 1.95 0.00
GREENBSH_115KV_TB3 55895	40.96 0.34 0.00	34.41 0.35 0.00	32.68 0.37 0.00	36.07 0.35 0.00	33.78 0.38 0.00	31.98 0.45 0.00	29.26 0.46 0.00	34.73 0.65 0.00	29.65 0.56 0.00	25.69 0.52 0.00	28.24 0.50 0.00	27.10 0.42 0.00	26.48 0.42 0.00	25.65 0.46 0.00	33.97 0.56 0.00	29.81 0.55 0.00	38.10 0.75 0.00	41.74 0.87 0.00	53.75 1.13 0.00	59.58 1.22 0.00	43.08 0.78 0.00	41.82 0.73 0.00	36.89 0.56 0.00	35.66 0.42 0.00
GREENDGE_115KV_TB5 80291	40.16 -0.46 0.00	33.69 -0.37 0.00	31.84 -0.47 0.00	35.24 -0.48 0.00	32.98 -0.42 0.00	31.14 -0.40 0.00	28.45 -0.35 0.00	33.35 -0.73 0.00	28.67 -0.42 0.00	24.80 -0.37 0.00	27.37 -0.37 0.00	26.33 -0.36 0.00	25.64 -0.41 0.00	24.80 -0.38 0.00	33.06 -0.35 0.00	28.95 -0.31 0.00	38.40 -0.64 -1.70	40.00 -0.87 0.00	51.79 -0.83 0.00	57.74 -0.61 0.00	41.78 -0.52 0.00	40.69 -0.41 0.00	36.24 -0.10 0.00	35.27 0.04 0.00
GREENIDGE___3 23582	40.16 -0.46 0.00	33.69 -0.37 0.00	31.84 -0.47 0.00	35.24 -0.48 0.00	32.98 -0.42 0.00	31.14 -0.40 0.00	28.45 -0.35 0.00	33.35 -0.73 0.00	28.67 -0.42 0.00	24.80 -0.37 0.00	27.37 -0.37 0.00	26.33 -0.36 0.00	25.64 -0.41 0.00	24.80 -0.38 0.00	33.06 -0.35 0.00	28.95 -0.31 0.00	38.40 -0.64 -1.70	40.00 -0.87 0.00	51.79 -0.83 0.00	57.74 -0.61 0.00	41.78 -0.52 0.00	40.69 -0.41 0.00	36.24 -0.10 0.00	35.27 0.04 0.00
GREENIDGE___4 23583	40.26 -0.46 -0.10	33.74 -0.37 -0.05	31.84 -0.47 0.00	35.25 -0.48 -0.02	32.98 -0.42 0.00	31.15 -0.40 -0.01	28.56 -0.35 -0.11	33.71 -0.73 -0.36	31.54 -0.42 -2.87	24.85 -0.37 -0.06	27.37 -0.37 0.00	26.32 -0.36 0.00	25.64 -0.41 0.00	24.81 -0.38 0.00	33.06 -0.35 0.00	29.13 -0.31 -0.18	38.40 -0.64 -1.70	40.28 -0.87 -0.28	52.19 -0.82 -0.40	58.59 -0.61 -0.84	42.17 -0.52 -0.39	41.08 -0.41 -0.40	36.62 -0.09 -0.38	35.63 0.04 -0.36
GREENLWN_69_KV_BK 3 55738	50.05 1.73 -7.71	45.21 1.54 -9.61	43.94 1.45 -10.18	45.96 1.66 -8.58	46.02 1.62 -11.01	46.11 1.55 -13.03	46.29 1.46 -16.04	41.29 1.93 -5.29	31.37 1.64 -0.64	26.70 1.53 0.00	29.36 1.62 0.00	28.21 1.53 0.00	27.55 1.49 0.00	26.76 1.58 0.00	35.43 2.02 0.00	23.95 1.36 6.66	45.22 1.77 -6.10	49.27 1.99 -6.41	64.45 2.40 -9.43	71.57 2.54 -10.67	51.14 1.72 -7.13	49.00 1.75 -6.16	37.82 1.48 0.00	36.49 1.26 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00
GRISSOM___SOLAR 323813	41.63 1.01 0.00	34.91 0.85 0.00	33.12 0.81 0.00	36.58 0.86 0.00	34.24 0.84 0.00	32.34 0.80 0.00	29.58 0.79 0.00	35.07 1.00 0.00	29.82 0.73 0.00	25.45 0.28 0.00	27.99 0.25 0.00	27.01 0.32 0.00	26.41 0.36 0.00	25.54 0.36 0.00	33.87 0.46 0.00	29.72 0.46 0.00	38.29 0.94 0.00	42.23 1.36 0.00	54.39 1.78 0.00	60.34 1.98 0.00	43.69 1.40 0.00	42.33 1.23 0.00	37.31 0.98 0.00	36.11 0.88 0.00
GROVEVILLE___HYD 323602	42.57 1.95 0.00	35.71 1.65 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.09 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.85 1.76 0.00	26.76 1.59 0.00	29.52 1.78 0.00	28.37 1.68 0.00	27.73 1.69 0.00	26.93 1.74 0.00	35.73 2.33 0.00	31.23 1.97 0.00	39.90 2.55 0.00	43.65 2.78 0.00	56.26 3.65 0.00	62.33 3.97 0.00	44.97 2.68 0.00	43.69 2.60 0.00	38.54 2.21 0.00	37.19 1.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.27 -0.35 0.00	33.73 -0.33 0.00	31.98 -0.33 0.00	35.35 -0.36 0.00	33.09 -0.31 0.00	31.23 -0.30 0.00	28.51 -0.29 0.00	33.69 -0.39 0.00	28.74 -0.35 0.00	24.84 -0.32 0.00	27.38 -0.36 0.00	26.35 -0.33 0.00	25.77 -0.28 0.00	24.93 -0.26 0.00	33.13 -0.28 0.00	29.08 -0.18 0.00	37.15 -0.20 0.00	40.63 -0.24 0.00	52.37 -0.24 0.00	58.22 -0.26 -0.13	42.04 -0.26 0.00	40.76 -0.33 0.00	36.04 -0.29 0.00	34.93 -0.30 0.00
HAMLTNNY_34_KV_TB 80303	40.36 -0.26 0.00	33.78 -0.28 0.00	32.03 -0.28 0.00	35.41 -0.30 0.00	33.15 -0.25 0.00	31.28 -0.25 0.00	28.54 -0.26 0.00	33.75 -0.32 0.00	28.79 -0.30 0.00	24.88 -0.28 0.00	27.40 -0.34 0.00	26.37 -0.31 0.00	25.78 -0.27 0.00	24.97 -0.22 0.00	33.15 -0.26 0.00	29.10 -0.16 0.00	37.20 -0.15 0.00	40.68 -0.19 0.00	52.48 -0.14 0.00	58.39 -0.10 -0.12	42.15 -0.15 0.00	40.83 -0.26 0.00	36.14 -0.20 0.00	35.05 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	40.98 0.36 0.00	34.37 0.31 0.00	32.60 0.30 0.00	36.02 0.30 0.00	33.66 0.26 0.00	31.69 0.15 0.00	28.89 0.10 0.00	34.12 0.05 0.00	28.99 -0.10 0.00	24.73 -0.44 0.00	26.91 -0.83 0.00	25.79 -0.89 0.00	25.22 -0.84 0.00	24.40 -0.78 0.00	32.38 -1.03 0.00	28.59 -0.67 0.00	36.32 -0.60 0.44	37.79 -0.29 2.78	51.77 -0.50 0.35	57.24 -0.24 0.88	42.19 -0.11 0.00	41.24 0.14 0.00	36.44 0.11 0.00	35.22 -0.02 0.00
HARDSCRABBLE_WT_PWR 323673	42.47 1.85 0.00	35.54 1.48 0.00	33.64 1.33 0.00	37.11 1.39 0.00	34.76 1.36 0.00	32.81 1.27 0.00	30.02 1.22 0.00	35.70 1.63 0.00	30.26 1.17 0.00	25.83 0.67 0.00	28.39 0.65 0.00	27.30 0.61 0.00	26.58 0.53 0.00	25.69 0.51 0.00	33.95 0.54 0.00	29.80 0.54 0.00	38.67 1.27 -0.05	43.28 2.07 -0.34	55.31 2.65 -0.04	61.37 2.90 -0.11	44.35 2.05 0.00	42.97 1.88 0.00	37.86 1.52 0.00	36.69 1.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.43 1.82 0.00	35.57 1.51 0.00	33.64 1.33 0.00	37.18 1.46 0.00	34.86 1.46 0.00	32.95 1.41 0.00	30.20 1.40 0.00	35.91 1.84 0.00	30.70 1.61 0.00	26.64 1.48 0.00	29.41 1.67 0.00	28.31 1.63 0.00	27.69 1.64 0.00	26.90 1.71 0.00	35.71 2.31 0.00	31.21 1.94 0.00	39.88 2.53 0.00	43.60 2.73 0.00	56.17 3.55 0.00	62.22 3.86 0.00	44.85 2.55 0.00	43.58 2.49 0.00	38.44 2.11 0.00	37.07 1.84 0.00
HARSNRAD_115KV_TB1 81005	39.61 -1.00 0.00	33.08 -0.97 0.00	31.34 -0.96 0.00	34.62 -1.09 0.00	32.51 -0.89 0.00	30.76 -0.77 0.00	27.93 -0.86 0.00	32.53 -1.55 0.00	27.95 -1.14 0.00	24.53 -0.63 0.00	27.34 -0.40 0.00	26.62 -0.06 0.00	25.82 -0.23 0.00	24.84 -0.34 0.00	32.88 -0.53 0.00	28.69 -0.57 0.00	34.62 -1.57 1.16	38.36 -2.51 0.00	49.75 -2.86 0.00	55.56 -2.80 0.00	40.48 -1.82 0.00	39.16 -1.93 0.00	34.84 -1.49 0.00	34.46 -0.77 0.00
HARZA MOOSE___RIVER 24016	40.79 0.17 0.00	34.25 0.18 0.00	32.49 0.18 0.00	35.88 0.16 0.00	33.59 0.19 0.00	31.67 0.13 0.00	28.87 0.07 0.00	34.12 0.05 0.00	29.06 -0.03 0.00	24.85 -0.31 0.00	27.13 -0.61 0.00	26.01 -0.68 0.00	25.40 -0.65 0.00	24.52 -0.67 0.00	32.57 -0.83 0.00	28.88 -0.38 0.00	37.22 -0.05 0.08	40.48 0.14 0.53	52.70 0.15 0.07	58.54 0.33 0.14	42.43 0.13 0.00	41.27 0.18 0.00	36.39 0.06 0.00	35.10 -0.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.01 -0.60 0.00	33.53 -0.53 0.00	31.79 -0.52 0.00	35.13 -0.59 0.00	32.87 -0.53 0.00	31.05 -0.49 0.00	28.33 -0.46 0.00	33.48 -0.60 0.00	28.60 -0.49 0.00	24.72 -0.44 0.00	27.28 -0.46 0.00	26.26 -0.42 0.00	25.64 -0.40 0.00	24.80 -0.38 0.00	32.96 -0.45 0.00	28.90 -0.36 0.00	36.92 -0.43 0.00	40.37 -0.51 0.00	52.01 -0.60 0.00	57.69 -0.67 0.00	41.77 -0.53 0.00	40.50 -0.60 0.00	35.79 -0.54 0.00	34.70 -0.53 0.00
HELLGATE_13_KV_LD 55870	42.77 2.15 0.00	35.96 1.90 0.00	34.02 1.71 0.00	37.58 1.87 0.00	35.22 1.82 0.00	33.30 1.76 0.00	30.52 1.72 0.00	36.32 2.25 0.00	31.08 1.99 0.00	27.02 1.86 0.00	29.83 2.08 0.00	28.72 2.04 0.00	28.11 2.06 0.00	27.32 2.13 0.00	36.21 2.80 0.00	31.62 2.36 0.00	40.15 2.80 0.00	43.71 2.84 0.00	56.27 3.66 0.00	62.42 4.06 0.00	45.04 2.74 0.00	43.83 2.74 0.00	38.75 2.42 0.00	37.44 2.21 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.77 2.15 0.00	35.96 1.90 0.00	34.02 1.71 0.00	37.58 1.87 0.00	35.22 1.82 0.00	33.30 1.76 0.00	30.52 1.72 0.00	36.32 2.25 0.00	31.08 1.99 0.00	27.02 1.86 0.00	29.83 2.08 0.00	28.72 2.04 0.00	28.11 2.06 0.00	27.32 2.13 0.00	36.21 2.80 0.00	31.62 2.36 0.00	40.15 2.80 0.00	43.71 2.84 0.00	56.27 3.66 0.00	62.42 4.06 0.00	45.04 2.74 0.00	43.83 2.74 0.00	38.75 2.42 0.00	37.44 2.21 0.00
HEMPSTEAD____ 23647	52.78 2.06 -10.10	49.99 1.79 -14.15	48.92 1.63 -14.98	50.13 1.79 -12.62	51.34 1.74 -16.20	52.40 1.69 -19.18	54.04 1.64 -23.60	43.98 2.12 -7.79	31.78 1.75 -0.94	26.77 1.61 0.00	29.48 1.74 0.00	28.35 1.66 0.00	27.69 1.64 0.00	26.91 1.73 0.00	35.67 2.26 0.00	28.13 1.70 2.84	39.53 2.18 0.00	43.26 2.39 0.00	55.62 3.01 0.00	61.58 3.22 0.00	44.46 2.16 0.00	43.28 2.19 0.00	38.20 1.86 0.00	36.88 1.64 0.00
HICKLING___1 23621	40.23 -0.39 0.00	33.65 -0.41 0.00	31.74 -0.57 0.00	35.17 -0.55 0.00	32.89 -0.51 0.00	31.01 -0.52 0.00	28.36 -0.44 0.00	33.43 -0.65 0.00	28.74 -0.35 0.00	24.88 -0.29 0.00	27.65 -0.10 0.00	26.62 -0.07 0.00	25.86 -0.19 0.00	24.97 -0.22 0.00	33.26 -0.15 0.00	29.01 -0.25 0.00	37.50 -0.35 -0.50	40.20 -0.67 0.00	51.91 -0.70 0.00	57.99 -0.36 0.00	41.87 -0.43 0.00	40.80 -0.30 0.00	36.30 -0.03 0.00	35.38 0.14 0.00
HICKLING___2 23622	40.23 -0.39 0.00	33.65 -0.41 0.00	31.74 -0.57 0.00	35.17 -0.55 0.00	32.89 -0.51 0.00	31.01 -0.52 0.00	28.36 -0.44 0.00	33.43 -0.65 0.00	28.74 -0.35 0.00	24.88 -0.29 0.00	27.65 -0.10 0.00	26.62 -0.07 0.00	25.86 -0.19 0.00	24.97 -0.22 0.00	33.26 -0.15 0.00	29.01 -0.25 0.00	37.50 -0.35 -0.50	40.20 -0.67 0.00	51.91 -0.70 0.00	57.99 -0.36 0.00	41.87 -0.43 0.00	40.80 -0.30 0.00	36.30 -0.03 0.00	35.38 0.14 0.00
HIGH FALLS___HY 23754	42.65 2.03 0.00	35.74 1.68 0.00	33.81 1.50 0.00	37.36 1.64 0.00	35.02 1.62 0.00	33.09 1.56 0.00	30.34 1.55 0.00	36.12 2.05 0.00	30.91 1.82 0.00	26.77 1.61 0.00	29.55 1.81 0.00	28.42 1.74 0.00	27.67 1.61 0.00	26.76 1.58 0.00	35.56 2.15 0.00	31.04 1.78 0.00	39.71 2.36 0.00	43.48 2.61 0.00	56.08 3.46 0.00	62.49 4.13 0.00	45.09 2.79 0.00	43.81 2.72 0.00	38.64 2.30 0.00	37.25 2.01 0.00
HIGH_RIVER___SOLAR 323847	41.52 0.90 0.00	34.81 0.76 0.00	33.02 0.71 0.00	36.49 0.77 0.00	34.14 0.74 0.00	32.25 0.71 0.00	29.49 0.69 0.00	34.93 0.86 0.00	29.59 0.50 0.00	25.26 0.10 0.00	27.79 0.05 0.00	26.72 0.04 0.00	26.14 0.08 0.00	25.25 0.06 0.00	33.39 -0.02 0.00	29.28 0.02 0.00	37.78 0.43 0.00	41.98 1.11 0.00	54.17 1.56 0.00	60.08 1.72 0.00	43.52 1.22 0.00	42.18 1.09 0.00	37.20 0.87 0.00	36.02 0.79 0.00
HILLBURN___GT 23639	42.28 1.66 0.00	35.45 1.39 0.00	33.52 1.21 0.00	37.07 1.35 0.00	34.76 1.36 0.00	32.85 1.32 0.00	30.11 1.32 0.00	35.84 1.76 0.00	30.64 1.55 0.00	26.60 1.43 0.00	29.35 1.60 0.00	28.25 1.57 0.00	27.65 1.59 0.00	26.86 1.68 0.00	35.64 2.24 0.00	31.12 1.86 0.00	39.73 2.38 0.00	43.42 2.55 0.00	55.92 3.31 0.00	61.94 3.59 0.00	44.64 2.34 0.00	43.43 2.34 0.00	38.32 1.99 0.00	36.96 1.73 0.00
HILLSIDE_115KV_TB1 80332	40.02 -0.60 0.00	33.46 -0.61 0.00	31.57 -0.74 0.00	35.00 -0.72 0.00	32.72 -0.68 0.00	30.82 -0.72 0.00	28.18 -0.61 0.00	33.29 -0.79 0.00	28.65 -0.44 0.00	24.81 -0.36 0.00	27.61 -0.13 0.00	26.58 -0.11 0.00	25.83 -0.22 0.00	24.95 -0.24 0.00	33.13 -0.28 0.00	28.84 -0.42 0.00	37.31 -0.49 -0.45	40.02 -0.85 0.00	51.52 -1.09 0.00	57.54 -0.82 0.00	41.50 -0.80 0.00	40.45 -0.64 0.00	35.98 -0.35 0.00	35.00 -0.23 0.00

HISHELDN_WT_PWR 323625	38.98 -1.53 0.11	32.60 -1.40 0.06	30.87 -1.44 0.00	34.10 -1.60 0.02	32.00 -1.40 0.00	30.19 -1.33 0.01	27.37 -1.31 0.11	31.73 -1.97 0.38	24.55 -1.52 3.02	24.04 -1.07 0.06	26.90 -0.85 0.00	26.05 -0.63 0.00	25.16 -0.90 0.00	24.17 -1.01 0.00	32.11 -1.30 0.00	27.86 -1.22 0.19	30.99 -2.21 4.15	37.76 -2.82 0.30	49.28 -2.91 0.42	55.13 -2.34 0.88	40.18 -1.71 0.41	38.93 -1.74 0.42	34.69 -1.24 0.40	34.21 -0.64 0.38
HOLTSVILLE_IC_1 23690	48.28 2.05 -5.61	45.18 1.83 -9.29	43.84 1.68 -9.85	45.90 1.89 -8.29	45.87 1.83 -10.64	45.92 1.78 -12.60	45.99 1.68 -15.51	41.37 2.18 -5.12	31.55 1.84 -0.62	26.81 1.65 0.00	29.46 1.72 0.00	28.29 1.60 0.00	27.60 1.55 0.00	26.81 1.62 0.00	35.48 2.07 0.00	23.11 1.41 7.57	31.84 1.88 7.40	35.25 2.15 7.77	43.49 2.31 11.43	47.89 2.47 12.93	35.41 1.75 8.64	35.48 1.86 7.47	37.87 1.53 0.00	36.49 1.26 0.00
HOLTSVILLE_IC_10 23699	48.68 2.18 -5.89	45.40 1.94 -9.40	44.07 1.80 -9.96	46.12 2.01 -8.39	46.11 1.94 -10.77	46.18 1.89 -12.75	46.27 1.79 -15.69	41.55 2.30 -5.18	31.65 1.94 -0.63	26.90 1.74 0.00	29.55 1.81 0.00	28.38 1.70 0.00	27.68 1.63 0.00	26.88 1.70 0.00	35.58 2.17 0.00	23.38 1.51 7.39	33.36 2.02 6.01	36.87 2.32 6.32	45.84 2.52 9.29	50.61 2.76 10.51	37.25 1.97 7.02	37.09 2.06 6.07	38.04 1.71 0.00	36.65 1.42 0.00
HOLTSVILLE_IC_2 23691	48.28 2.05 -5.61	45.18 1.83 -9.29	43.84 1.68 -9.85	45.90 1.89 -8.29	45.87 1.83 -10.64	45.92 1.78 -12.60	45.99 1.68 -15.51	41.37 2.18 -5.12	31.55 1.84 -0.62	26.81 1.65 0.00	29.46 1.72 0.00	28.29 1.60 0.00	27.60 1.55 0.00	26.81 1.62 0.00	35.48 2.07 0.00	23.11 1.41 7.57	31.84 1.88 7.40	35.25 2.15 7.77	43.49 2.31 11.43	47.89 2.47 12.93	35.41 1.75 8.64	35.48 1.86 7.47	37.87 1.53 0.00	36.49 1.26 0.00
HOLTSVILLE_IC_3 23692	48.28 2.05 -5.61	45.18 1.83 -9.29	43.84 1.68 -9.85	45.90 1.89 -8.29	45.87 1.83 -10.64	45.92 1.78 -12.60	45.99 1.68 -15.51	41.37 2.18 -5.12	31.55 1.84 -0.62	26.81 1.65 0.00	29.46 1.72 0.00	28.29 1.60 0.00	27.60 1.55 0.00	26.81 1.62 0.00	35.48 2.07 0.00	23.11 1.41 7.57	31.84 1.88 7.40	35.25 2.15 7.77	43.49 2.31 11.43	47.89 2.47 12.93	35.41 1.75 8.64	35.48 1.86 7.47	37.87 1.53 0.00	36.49 1.26 0.00
HOLTSVILLE_IC_4 23693	48.28 2.05 -5.61	45.18 1.83 -9.29	43.84 1.68 -9.85	45.90 1.89 -8.29	45.87 1.83 -10.64	45.92 1.78 -12.60	45.99 1.68 -15.51	41.37 2.18 -5.12	31.55 1.84 -0.62	26.81 1.65 0.00	29.46 1.72 0.00	28.29 1.60 0.00	27.60 1.55 0.00	26.81 1.62 0.00	35.48 2.07 0.00	23.11 1.41 7.57	31.84 1.88 7.40	35.25 2.15 7.77	43.49 2.31 11.43	47.89 2.47 12.93	35.41 1.75 8.64	35.48 1.86 7.47	37.87 1.53 0.00	36.49 1.26 0.00
HOLTSVILLE_IC_5 23694	48.28 2.05 -5.61	45.18 1.83 -9.29	43.84 1.68 -9.85	45.90 1.89 -8.29	45.87 1.83 -10.64	45.92 1.78 -12.60	45.99 1.68 -15.51	41.37 2.18 -5.12	31.55 1.84 -0.62	26.81 1.65 0.00	29.46 1.72 0.00	28.29 1.60 0.00	27.60 1.55 0.00	26.81 1.62 0.00	35.48 2.07 0.00	23.11 1.41 7.57	31.84 1.88 7.40	35.25 2.15 7.77	43.49 2.31 11.43	47.89 2.47 12.93	35.41 1.75 8.64	35.48 1.86 7.47	37.87 1.53 0.00	36.49 1.26 0.00
HOLTSVILLE_IC_6 23695	48.68 2.18 -5.89	45.40 1.94 -9.40	44.07 1.80 -9.96	46.12 2.01 -8.39	46.11 1.94 -10.77	46.18 1.89 -12.75	46.27 1.79 -15.69	41.55 2.30 -5.18	31.65 1.94 -0.63	26.90 1.74 0.00	29.55 1.81 0.00	28.38 1.70 0.00	27.68 1.63 0.00	26.88 1.70 0.00	35.58 2.17 0.00	23.38 1.51 7.39	33.36 2.02 6.01	36.87 2.32 6.32	45.84 2.52 9.29	50.61 2.76 10.51	37.25 1.97 7.02	37.09 2.06 6.07	38.04 1.71 0.00	36.65 1.42 0.00
HOLTSVILLE_IC_7 23696	48.68 2.18 -5.89	45.40 1.94 -9.40	44.07 1.80 -9.96	46.12 2.01 -8.39	46.11 1.94 -10.77	46.18 1.89 -12.75	46.27 1.79 -15.69	41.55 2.30 -5.18	31.65 1.94 -0.63	26.90 1.74 0.00	29.55 1.81 0.00	28.38 1.70 0.00	27.68 1.63 0.00	26.88 1.70 0.00	35.58 2.17 0.00	23.38 1.51 7.39	33.36 2.02 6.01	36.87 2.32 6.32	45.84 2.52 9.29	50.61 2.76 10.51	37.25 1.97 7.02	37.09 2.06 6.07	38.04 1.71 0.00	36.65 1.42 0.00
HOLTSVILLE_IC_8 23697	48.68 2.18 -5.89	45.40 1.94 -9.40	44.07 1.80 -9.96	46.12 2.01 -8.39	46.11 1.94 -10.77	46.18 1.89 -12.75	46.27 1.79 -15.69	41.55 2.30 -5.18	31.65 1.94 -0.63	26.90 1.74 0.00	29.55 1.81 0.00	28.38 1.70 0.00	27.68 1.63 0.00	26.88 1.70 0.00	35.58 2.17 0.00	23.38 1.51 7.39	33.36 2.02 6.01	36.87 2.32 6.32	45.84 2.52 9.29	50.61 2.76 10.51	37.25 1.97 7.02	37.09 2.06 6.07	38.04 1.71 0.00	36.65 1.42 0.00
HOLTSVILLE_IC_9 23698	48.68 2.18 -5.89	45.40 1.94 -9.40	44.07 1.80 -9.96	46.12 2.01 -8.39	46.11 1.94 -10.77	46.18 1.89 -12.75	46.27 1.79 -15.69	41.55 2.30 -5.18	31.65 1.94 -0.63	26.90 1.74 0.00	29.55 1.81 0.00	28.38 1.70 0.00	27.68 1.63 0.00	26.88 1.70 0.00	35.58 2.17 0.00	23.38 1.51 7.39	33.36 2.02 6.01	36.87 2.32 6.32	45.84 2.52 9.29	50.61 2.76 10.51	37.25 1.97 7.02	37.09 2.06 6.07	38.04 1.71 0.00	36.65 1.42 0.00
HOMER_HL_115KV_TB2 355744	39.98 -0.63 0.00	33.40 -0.66 0.00	31.63 -0.67 0.00	35.14 -0.58 0.00	32.88 -0.52 0.00	30.99 -0.55 0.00	28.25 -0.55 0.00	33.38 -0.69 0.00	28.73 -0.36 0.00	25.13 -0.03 0.00	28.08 0.34 0.00	27.18 0.49 0.00	26.36 0.31 0.00	25.18 -0.01 0.00	33.12 -0.29 0.00	28.87 -0.40 0.00	36.08 -0.92 0.35	39.46 -1.41 0.00	51.18 -1.43 0.00	57.29 -1.06 0.00	41.47 -0.83 0.00	40.28 -0.81 0.00	35.90 -0.44 0.00	35.26 0.02 0.00
HOWARD_WT_PWR 323690	38.33 -2.28 0.00	32.22 -1.84 0.00	30.28 -2.03 0.00	33.60 -2.12 0.00	31.48 -1.92 0.00	29.70 -1.84 0.00	27.07 -1.73 0.00	31.76 -2.32 0.00	27.28 -1.81 0.00	23.68 -1.49 0.00	26.18 -1.56 0.00	25.08 -1.61 0.00	24.18 -1.88 0.00	23.27 -1.92 0.00	30.97 -2.44 0.00	27.11 -2.16 0.00	37.96 -3.00 -3.61	37.42 -3.45 0.00	48.85 -3.76 0.00	54.96 -3.40 0.00	40.26 -2.04 0.00	39.43 -1.66 0.00	35.54 -0.79 0.00	34.93 -0.30 0.00
HQ_GEN_CEDARS 23644	41.13 0.51 0.00	34.43 0.37 0.00	32.64 0.34 0.00	36.15 0.43 0.00	33.70 0.30 0.00	31.75 0.22 0.00	28.99 0.19 0.00	34.25 0.18 0.00	29.17 0.08 0.00	25.14 -0.03 0.00	27.67 -0.07 0.00	26.64 -0.05 0.00	26.01 -0.05 0.00	25.17 -0.02 0.00	33.35 -0.05 0.00	29.17 -0.09 0.00	36.30 -0.20 0.85	35.23 -0.21 5.43	51.70 -0.24 0.68	56.33 -0.21 1.81	42.30 0.00 0.00	41.23 0.13 0.00	36.56 0.22 0.00	35.55 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	41.13 0.51 0.00	34.43 0.37 0.00	32.64 0.34 0.00	36.15 0.43 0.00	33.70 0.30 0.00	31.75 0.22 0.00	26.40 0.20 2.59	33.31 0.18 0.94	29.17 0.08 0.00	25.14 -0.03 0.00	27.67 -0.07 0.00	26.64 -0.05 0.00	26.01 -0.05 0.00	25.17 -0.02 0.00	33.35 -0.05 0.00	29.17 -0.09 0.00	36.30 -0.20 0.85	35.23 -0.21 5.43	51.70 -0.23 0.68	56.33 -0.21 1.81	42.30 0.00 0.00	41.23 0.14 0.00	36.56 0.22 0.00	35.55 0.31 0.00

HQ_GEN_IMPORT 323601	40.84 0.22 0.00	34.24 0.18 0.00	32.47 0.16 0.00	35.93 0.21 0.00	33.54 0.14 0.00	31.64 0.10 0.00	28.89 0.10 0.00	34.16 0.08 0.00	29.13 0.04 0.00	25.18 0.02 0.00	27.76 0.03 0.00	26.72 0.04 0.00	26.08 0.03 0.00	25.21 0.02 0.00	33.44 0.03 0.00	29.25 -0.01 0.00	36.82 -0.10 0.43	40.02 -0.11 0.75	52.39 -0.13 0.09	57.95 -0.16 0.25	42.26 -0.04 0.00	41.13 0.03 0.00	36.42 0.09 0.00	35.38 0.14 0.00
HQ_GEN_WHEEL 23651	40.84 0.22 0.00	34.24 0.18 0.00	32.47 0.16 0.00	35.93 0.21 0.00	33.54 0.14 0.00	31.64 0.10 0.00	28.89 0.10 0.00	34.16 0.08 0.00	29.13 0.04 0.00	25.18 0.02 0.00	27.76 0.03 0.00	26.72 0.04 0.00	26.08 0.03 0.00	25.21 0.02 0.00	33.44 0.03 0.00	29.25 -0.01 0.00	36.82 -0.10 0.43	40.02 -0.11 0.75	52.39 -0.13 0.09	57.95 -0.16 0.25	42.26 -0.04 0.00	41.13 0.03 0.00	36.42 0.09 0.00	35.38 0.14 0.00
HUDSON AVE_GT_3 23810	42.61 1.99 0.00	35.77 1.71 0.00	33.82 1.52 0.00	37.38 1.66 0.00	35.02 1.63 0.00	33.11 1.58 0.00	30.36 1.57 0.00	36.14 2.06 0.00	30.92 1.83 0.00	26.88 1.72 0.00	29.67 1.92 0.00	28.56 1.88 0.00	27.96 1.91 0.00	27.18 2.00 0.00	36.05 2.64 0.00	31.45 2.19 0.00	40.02 2.67 0.00	43.63 2.76 0.00	56.17 3.56 0.00	62.25 3.89 0.00	44.90 2.60 0.00	43.70 2.61 0.00	38.60 2.27 0.00	37.26 2.03 0.00
HUDSON AVE_GT_4 23540	42.61 1.99 0.00	35.77 1.71 0.00	33.82 1.52 0.00	37.38 1.66 0.00	35.02 1.63 0.00	33.11 1.58 0.00	30.36 1.57 0.00	36.14 2.06 0.00	30.92 1.83 0.00	26.88 1.72 0.00	29.67 1.92 0.00	28.56 1.88 0.00	27.96 1.91 0.00	27.18 2.00 0.00	36.05 2.64 0.00	31.45 2.19 0.00	40.02 2.67 0.00	43.63 2.76 0.00	56.17 3.56 0.00	62.25 3.89 0.00	44.90 2.60 0.00	43.70 2.61 0.00	38.60 2.27 0.00	37.26 2.03 0.00
HUDSON AVE_GT_5 23657	42.61 1.99 0.00	35.77 1.71 0.00	33.82 1.52 0.00	37.38 1.66 0.00	35.02 1.63 0.00	33.11 1.58 0.00	30.36 1.57 0.00	36.14 2.06 0.00	30.92 1.83 0.00	26.88 1.72 0.00	29.67 1.92 0.00	28.56 1.88 0.00	27.96 1.91 0.00	27.18 2.00 0.00	36.05 2.64 0.00	31.45 2.19 0.00	40.02 2.67 0.00	43.63 2.76 0.00	56.17 3.56 0.00	62.25 3.89 0.00	44.90 2.60 0.00	43.70 2.61 0.00	38.60 2.27 0.00	37.26 2.03 0.00
HUDSON_AVE_10 24168	42.39 1.77 0.00	35.56 1.51 0.02	33.63 1.34 0.02	37.16 1.46 0.02	34.83 1.45 0.01	32.95 1.42 0.00	30.22 1.42 0.00	35.98 1.90 0.00	30.80 1.71 0.00	26.78 1.62 0.00	29.56 1.81 0.00	28.46 1.77 0.00	27.85 1.79 0.00	27.09 1.91 0.00	35.92 2.51 0.00	31.36 2.10 0.00	39.89 2.54 0.00	43.51 2.64 0.00	56.01 3.40 0.00	62.08 3.72 0.00	44.78 2.48 0.00	43.59 2.49 0.00	38.50 2.16 0.00	37.15 1.92 0.00
HUDSON___115KV_TB 4 355613	41.69 1.07 0.00	34.98 0.92 0.00	33.21 0.91 0.00	36.67 0.95 0.00	34.33 0.93 0.00	32.51 0.97 0.00	29.75 0.96 0.00	35.33 1.25 0.00	30.14 1.05 0.00	25.95 0.78 0.00	28.44 0.70 0.00	27.24 0.55 0.00	26.61 0.56 0.00	25.80 0.62 0.00	34.26 0.85 0.00	30.18 0.91 0.00	38.57 1.22 0.00	42.52 1.65 0.00	54.86 2.25 0.00	60.79 2.44 0.00	43.94 1.64 0.00	42.59 1.50 0.00	37.51 1.18 0.00	36.23 1.00 0.00
HUNTER MOUNT___DRP 323613	41.77 1.15 0.00	35.04 0.98 0.00	33.28 0.98 0.00	36.73 1.01 0.00	34.39 0.99 0.00	32.57 1.04 0.00	29.81 1.01 0.00	35.41 1.34 0.00	30.22 1.14 0.00	25.98 0.82 0.00	28.46 0.71 0.00	27.21 0.53 0.00	26.59 0.54 0.00	25.81 0.63 0.00	34.25 0.85 0.00	30.21 0.95 0.00	38.66 1.31 0.00	42.65 1.78 0.00	55.02 2.40 0.00	60.93 2.58 0.00	44.04 1.74 0.00	42.66 1.57 0.00	37.56 1.22 0.00	36.27 1.04 0.00
HUNTINGTON_RES_REC 323705	49.46 1.86 -6.99	45.19 1.67 -9.46	43.89 1.56 -10.02	45.92 1.76 -8.44	45.94 1.71 -10.83	46.02 1.65 -12.83	46.15 1.56 -15.79	41.33 2.05 -5.21	31.47 1.75 -0.63	26.75 1.59 0.00	29.40 1.66 0.00	28.24 1.55 0.00	27.55 1.50 0.00	26.76 1.58 0.00	35.43 2.02 0.00	23.61 1.35 7.01	40.81 1.83 -1.63	44.67 2.09 -1.72	57.52 2.39 -2.53	63.83 2.61 -2.86	46.00 1.80 -1.91	44.60 1.86 -1.65	37.89 1.55 0.00	36.53 1.30 0.00
HUNTLEY___63 23557	39.85 -0.76 0.00	33.27 -0.79 0.00	31.50 -0.80 0.00	34.80 -0.92 0.00	32.67 -0.73 0.00	30.91 -0.63 0.00	28.09 -0.70 0.00	32.79 -1.29 0.00	28.16 -0.92 0.00	24.69 -0.47 0.00	27.53 -0.21 0.00	26.80 0.12 0.00	25.97 -0.08 0.00	25.00 -0.18 0.00	33.12 -0.29 0.00	28.90 -0.36 0.00	34.87 -1.31 1.16	38.67 -2.20 0.00	50.12 -2.50 0.00	55.98 -2.38 0.00	40.75 -1.55 0.00	39.45 -1.64 0.00	35.16 -1.18 0.00	34.74 -0.49 0.00
HUNTLEY___64 23558	39.85 -0.76 0.00	33.27 -0.79 0.00	31.50 -0.80 0.00	34.80 -0.92 0.00	32.67 -0.73 0.00	30.91 -0.63 0.00	28.09 -0.70 0.00	32.79 -1.29 0.00	28.16 -0.92 0.00	24.69 -0.47 0.00	27.53 -0.21 0.00	26.80 0.12 0.00	25.97 -0.08 0.00	25.00 -0.18 0.00	33.12 -0.29 0.00	28.90 -0.36 0.00	34.87 -1.31 1.16	38.67 -2.20 0.00	50.12 -2.50 0.00	55.98 -2.38 0.00	40.75 -1.55 0.00	39.45 -1.64 0.00	35.16 -1.18 0.00	34.74 -0.49 0.00
HUNTLEY___65 23559	39.85 -0.76 0.00	33.27 -0.79 0.00	31.50 -0.80 0.00	34.80 -0.92 0.00	32.67 -0.73 0.00	30.91 -0.63 0.00	28.09 -0.70 0.00	32.79 -1.29 0.00	28.16 -0.92 0.00	24.69 -0.47 0.00	27.53 -0.21 0.00	26.80 0.12 0.00	25.97 -0.08 0.00	25.00 -0.18 0.00	33.12 -0.29 0.00	28.90 -0.36 0.00	34.87 -1.31 1.16	38.67 -2.20 0.00	50.12 -2.50 0.00	55.98 -2.38 0.00	40.75 -1.55 0.00	39.45 -1.64 0.00	35.16 -1.18 0.00	34.74 -0.49 0.00
HUNTLEY___66 23560	39.85 -0.76 0.00	33.27 -0.79 0.00	31.50 -0.80 0.00	34.80 -0.92 0.00	32.67 -0.73 0.00	30.91 -0.63 0.00	28.09 -0.70 0.00	32.79 -1.29 0.00	28.16 -0.92 0.00	24.69 -0.47 0.00	27.53 -0.21 0.00	26.80 0.12 0.00	25.97 -0.08 0.00	25.00 -0.18 0.00	33.12 -0.29 0.00	28.90 -0.36 0.00	34.87 -1.31 1.16	38.67 -2.20 0.00	50.12 -2.50 0.00	55.98 -2.38 0.00	40.75 -1.55 0.00	39.45 -1.64 0.00	35.16 -1.18 0.00	34.74 -0.49 0.00
HUNTLEY___67 23561	39.58 -1.04 0.00	33.03 -1.04 0.00	31.27 -1.04 0.00	34.57 -1.15 0.00	32.44 -0.96 0.00	30.67 -0.86 0.00	27.90 -0.90 0.00	32.59 -1.49 0.00	28.00 -1.09 0.00	24.53 -0.63 0.00	27.36 -0.38 0.00	26.62 -0.06 0.00	25.80 -0.25 0.00	24.83 -0.35 0.00	32.87 -0.54 0.00	28.67 -0.59 0.00	34.63 -1.57 1.15	38.51 -2.36 0.00	49.93 -2.68 0.00	55.78 -2.57 0.00	40.57 -1.73 0.00	39.29 -1.80 0.00	34.94 -1.39 0.00	34.52 -0.72 0.00
HUNTLEY___68 23562	39.58 -1.04 0.00	33.03 -1.04 0.00	31.27 -1.04 0.00	34.57 -1.15 0.00	32.44 -0.96 0.00	30.67 -0.86 0.00	27.90 -0.90 0.00	32.59 -1.49 0.00	28.00 -1.09 0.00	24.53 -0.63 0.00	27.36 -0.38 0.00	26.62 -0.06 0.00	25.80 -0.25 0.00	24.83 -0.35 0.00	32.87 -0.54 0.00	28.67 -0.59 0.00	34.63 -1.57 1.15	38.51 -2.36 0.00	49.93 -2.68 0.00	55.78 -2.57 0.00	40.57 -1.73 0.00	39.29 -1.80 0.00	34.94 -1.39 0.00	34.52 -0.72 0.00

HYLAND___LFGE 323620	41.37 0.75 0.00	34.58 0.52 0.00	32.66 0.36 0.00	36.11 0.39 0.00	33.87 0.47 0.00	32.00 0.46 0.00	29.23 0.43 0.00	34.38 0.30 0.00	29.35 0.26 0.00	25.30 0.14 0.00	27.63 -0.11 0.00	26.69 0.00 0.00	26.02 -0.03 0.00	25.06 -0.12 0.00	33.32 -0.08 0.00	29.23 -0.03 0.00	41.16 -0.23 -4.05	41.18 0.31 0.00	53.87 1.26 0.00	60.23 1.88 0.00	43.63 1.33 0.00	42.23 1.14 0.00	37.46 1.12 0.00	36.60 1.36 0.00
INDECK___CORINTH 23802	41.89 1.27 0.00	35.11 1.05 0.00	33.35 1.04 0.00	36.85 1.14 0.00	34.45 1.05 0.00	32.59 1.05 0.00	29.89 1.09 0.00	35.47 1.40 0.00	30.21 1.13 0.00	25.94 0.78 0.00	28.36 0.62 0.00	27.08 0.39 0.00	26.47 0.42 0.00	25.75 0.57 0.00	34.21 0.80 0.00	30.08 0.81 0.00	38.91 1.56 0.00	42.90 2.03 0.00	55.29 2.68 0.00	61.32 2.96 0.00	44.19 1.89 0.00	42.70 1.61 0.00	37.60 1.26 0.00	36.32 1.09 0.00
INDECK___ILION 23567	41.65 1.03 0.00	34.90 0.84 0.00	33.07 0.76 0.00	36.52 0.80 0.00	34.19 0.79 0.00	32.29 0.75 0.00	29.53 0.73 0.00	35.04 0.96 0.00	29.81 0.72 0.00	25.60 0.44 0.00	28.16 0.43 0.00	27.08 0.39 0.00	26.40 0.35 0.00	25.52 0.34 0.00	33.81 0.40 0.00	29.66 0.40 0.00	38.25 0.84 -0.05	42.49 1.28 -0.34	54.32 1.66 -0.04	60.29 1.82 -0.11	43.57 1.28 0.00	42.25 1.16 0.00	37.26 0.93 0.00	36.09 0.86 0.00
INDECK___OLEAN 23982	39.64 -0.63 0.35	33.21 -0.66 0.19	31.63 -0.68 0.00	35.08 -0.59 0.05	32.87 -0.52 0.00	30.95 -0.55 0.03	27.85 -0.56 0.38	32.12 -0.69 1.26	18.72 -0.37 0.20	24.93 -0.03 0.00	28.08 0.34 0.00	27.18 0.49 0.00	26.36 0.31 0.00	25.18 0.00 0.00	33.12 -0.29 0.00	28.24 -0.41 0.62	36.09 -0.91 0.35	38.49 -1.41 0.98	49.79 -1.43 1.39	54.40 -1.03 2.93	40.13 -0.81 1.36	38.91 -0.80 1.38	34.59 -0.43 1.32	34.00 0.03 1.26
INDECK___OSWEGO 23783	39.57 -1.05 0.00	33.18 -0.88 0.00	31.47 -0.84 0.00	34.77 -0.95 0.00	32.53 -0.87 0.00	30.72 -0.81 0.00	28.02 -0.77 0.00	33.10 -0.98 0.00	28.26 -0.83 0.00	24.42 -0.75 0.00	26.89 -0.85 0.00	25.87 -0.81 0.00	25.26 -0.79 0.00	24.41 -0.77 0.00	32.42 -0.98 0.00	28.46 -0.80 0.00	36.39 -0.96 0.00	39.85 -1.02 0.00	51.33 -1.28 0.00	57.34 -1.44 -0.42	41.22 -1.07 0.00	40.00 -1.09 0.00	35.34 -0.99 0.00	34.24 -0.99 0.00
INDECK___YERKES 23781	39.64 -0.74 0.24	33.16 -0.77 0.13	31.52 -0.79 0.00	34.79 -0.90 0.04	32.68 -0.71 0.00	30.90 -0.61 0.02	27.85 -0.69 0.26	31.96 -1.25 0.87	21.35 -0.90 6.84	24.57 -0.46 0.14	27.55 -0.20 0.00	26.82 0.14 0.00	25.99 -0.06 0.00	25.03 -0.15 0.00	33.14 -0.27 0.00	28.50 -0.34 0.42	34.91 -1.28 1.16	38.03 -2.17 0.67	49.19 -2.47 0.95	54.06 -2.30 2.00	39.87 -1.50 0.93	38.53 -1.62 0.95	34.28 -1.15 0.90	33.91 -0.46 0.86
INDIAN POINT_GT_1 24139	42.27 1.65 0.00	35.46 1.40 0.00	33.55 1.24 0.00	37.08 1.37 0.00	34.76 1.36 0.00	32.85 1.31 0.00	30.11 1.32 0.00	35.84 1.76 0.00	30.63 1.54 0.00	26.60 1.43 0.00	29.33 1.59 0.00	28.23 1.55 0.00	27.61 1.56 0.00	26.83 1.65 0.00	35.59 2.18 0.00	31.07 1.81 0.00	39.63 2.28 0.00	43.30 2.43 0.00	55.75 3.14 0.00	61.79 3.43 0.00	44.55 2.25 0.00	43.35 2.26 0.00	38.27 1.93 0.00	36.92 1.69 0.00
INDIAN POINT_GT_2 23659	42.27 1.65 0.00	35.46 1.40 0.00	33.55 1.24 0.00	37.08 1.37 0.00	34.76 1.36 0.00	32.85 1.31 0.00	30.11 1.32 0.00	35.84 1.76 0.00	30.63 1.54 0.00	26.60 1.43 0.00	29.33 1.59 0.00	28.23 1.55 0.00	27.61 1.56 0.00	26.83 1.65 0.00	35.59 2.18 0.00	31.07 1.81 0.00	39.63 2.28 0.00	43.30 2.43 0.00	55.75 3.14 0.00	61.79 3.43 0.00	44.55 2.25 0.00	43.35 2.26 0.00	38.27 1.93 0.00	36.92 1.69 0.00
INDIAN POINT_GT_3 24019	42.27 1.65 0.00	35.46 1.40 0.00	33.55 1.24 0.00	37.08 1.37 0.00	34.76 1.36 0.00	32.85 1.31 0.00	30.11 1.32 0.00	35.84 1.76 0.00	30.63 1.54 0.00	26.60 1.43 0.00	29.33 1.59 0.00	28.23 1.55 0.00	27.61 1.56 0.00	26.83 1.65 0.00	35.59 2.18 0.00	31.07 1.81 0.00	39.63 2.28 0.00	43.30 2.43 0.00	55.75 3.14 0.00	61.79 3.43 0.00	44.55 2.25 0.00	43.35 2.26 0.00	38.27 1.93 0.00	36.92 1.69 0.00
INDIAN POINT___2 23530	42.23 1.61 0.00	35.44 1.38 0.00	33.51 1.21 0.00	37.05 1.34 0.00	34.73 1.33 0.00	32.83 1.29 0.00	30.09 1.29 0.00	35.80 1.73 0.00	30.61 1.52 0.00	26.57 1.41 0.00	29.30 1.56 0.00	28.21 1.53 0.00	27.60 1.55 0.00	26.81 1.63 0.00	35.57 2.16 0.00	31.05 1.79 0.00	39.62 2.27 0.00	43.28 2.41 0.00	55.74 3.13 0.00	61.75 3.39 0.00	44.52 2.22 0.00	43.32 2.23 0.00	38.24 1.91 0.00	36.91 1.67 0.00
INDIAN POINT___3 23531	42.23 1.61 0.00	35.44 1.38 0.00	33.52 1.22 0.00	37.06 1.34 0.00	34.73 1.33 0.00	32.83 1.29 0.00	30.09 1.29 0.00	35.80 1.73 0.00	30.60 1.51 0.00	26.57 1.41 0.00	29.30 1.56 0.00	28.21 1.52 0.00	27.59 1.54 0.00	26.80 1.62 0.00	35.55 2.14 0.00	31.04 1.78 0.00	39.59 2.25 0.00	43.27 2.40 0.00	55.71 3.09 0.00	61.73 3.37 0.00	44.52 2.22 0.00	43.31 2.22 0.00	38.24 1.91 0.00	36.90 1.66 0.00
INGHAM_C_115KV_TB7 356103	43.06 2.44 0.00	36.02 1.97 0.00	34.11 1.80 0.00	37.63 1.92 0.00	35.25 1.85 0.00	33.31 1.78 0.00	30.50 1.71 0.00	36.31 2.24 0.00	30.73 1.64 0.00	26.14 0.98 0.00	28.67 0.93 0.00	27.54 0.85 0.00	26.80 0.75 0.00	25.93 0.74 0.00	34.30 0.89 0.00	30.14 0.88 0.00	39.26 1.86 -0.05	44.09 2.88 -0.34	56.42 3.77 -0.04	62.61 4.14 -0.11	45.19 2.89 0.00	43.77 2.68 0.00	38.51 2.18 0.00	37.26 2.03 0.00
IP CORINTH___1 23988	42.12 1.51 0.00	35.31 1.25 0.00	33.52 1.22 0.00	37.04 1.32 0.00	34.63 1.23 0.00	32.76 1.22 0.00	30.03 1.24 0.00	35.66 1.59 0.00	30.36 1.27 0.00	26.08 0.92 0.00	28.52 0.77 0.00	27.23 0.54 0.00	26.61 0.56 0.00	25.88 0.70 0.00	34.39 0.98 0.00	30.24 0.98 0.00	39.13 1.78 0.00	43.14 2.27 0.00	55.60 2.98 0.00	61.66 3.31 0.00	44.44 2.14 0.00	42.94 1.84 0.00	37.80 1.47 0.00	36.51 1.28 0.00
IP___TICONDEROGA 23804	44.49 3.87 0.00	37.15 3.09 0.00	35.19 2.89 0.00	38.89 3.18 0.00	36.27 2.87 0.00	34.44 2.91 0.00	31.72 2.92 0.00	37.88 3.81 0.00	32.04 2.95 0.00	27.18 2.02 0.00	29.57 1.82 0.00	28.00 1.32 0.00	27.35 1.29 0.00	26.82 1.64 0.00	35.60 2.19 0.00	31.28 2.02 0.00	41.28 3.93 0.00	45.77 4.90 0.00	59.02 6.41 0.00	65.63 7.27 0.00	47.08 4.78 0.00	45.21 4.11 0.00	39.62 3.28 0.00	38.08 2.85 0.00
ISLIP_RES_REC 323679	48.88 2.30 -5.96	45.57 2.04 -9.47	44.23 1.88 -10.04	46.28 2.10 -8.46	46.28 2.04 -10.85	46.36 1.98 -12.85	46.48 1.87 -15.81	41.69 2.40 -5.21	31.75 2.03 -0.63	26.98 1.82 0.00	29.63 1.89 0.00	28.44 1.76 0.00	27.74 1.69 0.00	26.95 1.77 0.00	35.68 2.27 0.00	23.55 1.60 7.31	33.68 2.16 5.82	37.23 2.48 6.12	46.34 2.74 9.00	51.17 2.99 10.19	37.63 2.14 6.80	37.44 2.23 5.88	38.19 1.85 0.00	36.78 1.55 0.00

JAMAICA__27_KV_LOAD 355505	42.34 1.72 0.00	35.48 1.44 0.02	33.55 1.26 0.02	37.08 1.38 0.02	34.73 1.35 0.01	32.82 1.29 0.00	30.12 1.33 0.00	35.88 1.80 0.00	30.76 1.67 0.00	26.78 1.61 0.00	29.55 1.81 0.00	28.45 1.77 0.00	27.83 1.78 0.00	27.12 1.93 0.00	35.97 2.56 0.00	31.43 2.16 0.00	39.98 2.62 0.00	43.61 2.74 0.00	56.18 3.57 0.00	62.30 3.94 0.00	44.91 2.61 0.00	43.73 2.64 0.00	38.62 2.29 0.00	37.25 2.02 0.00
JANIS__SOLAR 323808	41.39 0.70 -0.07	34.60 0.50 -0.04	32.72 0.41 0.00	36.12 0.39 -0.01	33.81 0.41 0.00	31.85 0.31 -0.01	29.18 0.31 -0.07	34.71 0.38 -0.25	31.28 0.20 -1.99	25.00 -0.21 -0.04	27.41 -0.33 0.00	26.32 -0.36 0.00	25.64 -0.41 0.00	24.71 -0.47 0.00	32.87 -0.54 0.00	29.28 -0.09 -0.11	37.93 0.31 -0.27	41.71 0.66 -0.18	54.07 1.20 -0.25	60.63 1.74 -0.54	43.58 1.03 -0.25	42.18 0.84 -0.25	37.23 0.66 -0.24	36.06 0.59 -0.23
JARVIS____ 23743	40.69 0.08 0.00	34.12 0.07 0.00	32.37 0.07 0.00	35.79 0.07 0.00	33.47 0.07 0.00	31.62 0.09 0.00	28.89 0.09 0.00	34.21 0.13 0.00	29.20 0.11 0.00	25.25 0.09 0.00	27.82 0.09 0.00	26.75 0.07 0.00	26.11 0.06 0.00	25.24 0.05 0.00	33.48 0.07 0.00	29.35 0.09 0.00	37.59 0.19 -0.05	41.44 0.23 -0.34	52.94 0.29 -0.04	58.79 0.32 -0.11	42.50 0.20 0.00	41.27 0.18 0.00	36.45 0.12 0.00	35.32 0.08 0.00
JENNISON____1 23625	40.95 0.33 0.00	34.16 0.09 0.00	32.30 -0.01 0.00	35.59 -0.12 0.00	33.29 -0.11 0.00	31.25 -0.29 0.00	28.55 -0.25 0.00	33.76 -0.32 0.00	28.90 -0.19 0.00	24.78 -0.38 0.00	27.46 -0.28 0.00	26.43 -0.26 0.00	25.64 -0.41 0.00	24.44 -0.74 0.00	32.22 -1.19 0.00	28.49 -0.78 0.00	36.88 -0.47 0.00	40.63 -0.24 0.00	52.74 0.12 0.00	59.18 0.82 0.00	42.68 0.38 0.00	41.35 0.26 0.00	36.49 0.16 0.00	35.28 0.05 0.00
JENNISON____2 23626	40.95 0.33 0.00	34.16 0.09 0.00	32.30 -0.01 0.00	35.59 -0.12 0.00	33.29 -0.11 0.00	31.25 -0.29 0.00	28.55 -0.25 0.00	33.76 -0.32 0.00	28.90 -0.19 0.00	24.78 -0.38 0.00	27.46 -0.28 0.00	26.43 -0.26 0.00	25.64 -0.41 0.00	24.44 -0.74 0.00	32.22 -1.19 0.00	28.49 -0.78 0.00	36.88 -0.47 0.00	40.63 -0.24 0.00	52.74 0.12 0.00	59.18 0.82 0.00	42.68 0.38 0.00	41.35 0.26 0.00	36.49 0.16 0.00	35.28 0.05 0.00
JERICOHO_RISE_WT_PWR 323719	40.66 0.04 0.00	34.00 -0.06 0.00	32.16 -0.14 0.00	35.70 -0.02 0.00	33.39 -0.01 0.00	31.49 -0.05 0.00	28.76 -0.04 0.00	33.92 -0.15 0.00	28.71 -0.38 0.00	24.76 -0.40 0.00	27.22 -0.52 0.00	26.22 -0.46 0.00	25.64 -0.41 0.00	24.89 -0.29 0.00	33.15 -0.26 0.00	28.89 -0.37 0.00	35.71 -0.78 0.87	34.47 -0.87 5.53	50.74 -1.18 0.69	55.00 -1.52 1.85	42.26 -1.01 -0.98	40.35 -0.75 0.00	36.17 -0.16 0.00	35.23 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	42.42 1.80 0.00	35.58 1.52 0.00	33.68 1.37 0.00	37.22 1.50 0.00	34.87 1.47 0.00	32.97 1.43 0.00	30.23 1.43 0.00	35.97 1.90 0.00	30.75 1.67 0.00	26.70 1.54 0.00	29.45 1.71 0.00	28.33 1.64 0.00	27.71 1.66 0.00	26.90 1.72 0.00	35.65 2.25 0.00	31.15 1.89 0.00	39.75 2.40 0.00	43.43 2.56 0.00	55.95 3.33 0.00	61.97 3.61 0.00	44.71 2.41 0.00	43.48 2.39 0.00	38.36 2.03 0.00	37.03 1.79 0.00
KCE_NY_1 323755	42.26 1.65 0.00	35.44 1.38 0.00	33.62 1.31 0.00	37.15 1.44 0.00	34.76 1.36 0.00	32.88 1.34 0.00	30.15 1.35 0.00	35.75 1.67 0.00	30.45 1.37 0.00	26.25 1.09 0.00	28.77 1.03 0.00	27.54 0.85 0.00	26.91 0.86 0.00	26.12 0.94 0.00	34.66 1.25 0.00	30.45 1.19 0.00	39.25 1.90 0.00	43.21 2.35 0.00	55.64 3.03 0.00	61.68 3.32 0.00	44.49 2.19 0.00	43.10 2.01 0.00	37.99 1.65 0.00	36.69 1.46 0.00
KCE_NY_6_ESR 323823	39.50 -0.85 0.27	33.01 -0.90 0.15	31.38 -0.93 0.00	34.66 -1.02 0.04	32.55 -0.85 0.00	30.73 -0.78 0.03	27.70 -0.80 0.29	31.79 -1.31 0.97	20.45 -0.94 7.69	24.47 -0.54 0.15	27.49 -0.25 0.00	26.73 0.04 0.00	25.89 -0.17 0.00	24.91 -0.27 0.00	32.98 -0.43 0.00	28.33 -0.46 0.47	34.64 -1.36 1.35	38.07 -2.04 0.75	49.38 -2.16 1.07	54.24 -1.87 2.25	39.95 -1.30 1.05	38.63 -1.39 1.07	34.28 -1.04 1.01	33.83 -0.43 0.97
KEDC_PORT_JEFF_GT2 24210	48.60 2.09 -5.90	45.29 1.87 -9.36	43.95 1.72 -9.92	46.01 1.93 -8.36	46.00 1.87 -10.72	46.06 1.82 -12.70	46.15 1.72 -15.63	41.46 2.23 -5.16	31.59 1.88 -0.63	26.86 1.69 0.00	29.50 1.76 0.00	28.33 1.65 0.00	27.64 1.59 0.00	26.84 1.66 0.00	35.53 2.12 0.00	23.28 1.44 7.42	33.55 1.91 5.71	36.99 2.12 6.00	45.81 2.03 8.83	50.84 2.47 9.99	37.43 1.81 6.67	37.30 1.97 5.77	37.96 1.63 0.00	36.58 1.34 0.00
KEDC_PORT_JEFF_GT3 24211	48.60 2.09 -5.90	45.29 1.87 -9.36	43.95 1.72 -9.92	46.01 1.93 -8.36	46.00 1.87 -10.72	46.06 1.82 -12.70	46.15 1.72 -15.63	41.46 2.23 -5.16	31.59 1.88 -0.63	26.86 1.69 0.00	29.50 1.76 0.00	28.33 1.65 0.00	27.64 1.59 0.00	26.84 1.66 0.00	35.53 2.12 0.00	23.28 1.44 7.42	33.55 1.91 5.71	36.99 2.12 6.00	45.81 2.03 8.83	50.84 2.47 9.99	37.43 1.81 6.67	37.30 1.97 5.77	37.96 1.63 0.00	36.58 1.34 0.00
KEDC_GLWD_GT4 24219	54.43 2.16 -11.65	52.22 1.86 -16.30	51.27 1.69 -17.27	52.12 1.85 -14.55	53.88 1.81 -18.67	55.38 1.74 -22.11	57.70 1.70 -27.21	45.26 2.21 -8.98	32.03 1.86 -1.09	26.87 1.71 0.00	29.62 1.87 0.00	28.50 1.81 0.00	27.86 1.80 0.00	27.08 1.89 0.00	35.89 2.48 0.00	29.29 1.96 1.93	39.84 2.49 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.06 3.70 0.00	44.78 2.48 0.00	43.57 2.48 0.00	38.46 2.12 0.00	37.13 1.90 0.00
KEDC_GLWD_GT5 24220	54.43 2.16 -11.65	52.22 1.86 -16.30	51.27 1.69 -17.27	52.12 1.85 -14.55	53.88 1.81 -18.67	55.38 1.74 -22.11	57.70 1.70 -27.21	45.26 2.21 -8.98	32.03 1.86 -1.09	26.87 1.71 0.00	29.62 1.87 0.00	28.50 1.81 0.00	27.86 1.80 0.00	27.08 1.89 0.00	35.89 2.48 0.00	29.29 1.96 1.93	39.84 2.49 0.00	43.55 2.68 0.00	56.04 3.43 0.00	62.06 3.70 0.00	44.78 2.48 0.00	43.57 2.48 0.00	38.46 2.12 0.00	37.13 1.90 0.00
KENSICO____ 23655	42.35 1.73 0.00	35.55 1.49 0.00	33.64 1.33 0.00	37.17 1.45 0.00	34.83 1.43 0.00	32.93 1.39 0.00	30.19 1.39 0.00	35.92 1.84 0.00	30.70 1.61 0.00	26.66 1.50 0.00	29.41 1.67 0.00	28.30 1.61 0.00	27.69 1.63 0.00	26.89 1.71 0.00	35.66 2.26 0.00	31.14 1.88 0.00	39.70 2.35 0.00	43.36 2.49 0.00	55.82 3.21 0.00	61.85 3.49 0.00	44.62 2.32 0.00	43.40 2.31 0.00	38.33 2.00 0.00	36.99 1.76 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.53 1.91 0.00	35.65 1.59 0.00	33.72 1.41 0.00	37.26 1.55 0.00	34.93 1.53 0.00	33.03 1.49 0.00	30.26 1.47 0.00	36.02 1.95 0.00	30.81 1.72 0.00	26.67 1.51 0.00	29.41 1.67 0.00	28.28 1.59 0.00	27.54 1.49 0.00	26.59 1.40 0.00	35.30 1.89 0.00	30.87 1.60 0.00	39.49 2.14 0.00	43.28 2.41 0.00	55.84 3.23 0.00	62.34 3.98 0.00	44.98 2.68 0.00	43.69 2.60 0.00	38.53 2.20 0.00	37.15 1.92 0.00

KIAC_JFK_GT1 23816	42.21 1.59 0.00	35.37 1.33 0.02	33.45 1.16 0.02	36.97 1.27 0.02	34.63 1.25 0.01	32.73 1.19 0.00	30.04 1.24 0.00	35.78 1.70 0.00	30.67 1.58 0.00	26.69 1.53 0.00	29.47 1.73 0.00	28.37 1.69 0.00	27.75 1.70 0.00	27.05 1.86 0.00	35.87 2.46 0.00	31.34 2.08 0.00	39.86 2.51 0.00	43.47 2.60 0.00	55.99 3.38 0.00	62.09 3.74 0.00	44.77 2.47 0.00	43.59 2.50 0.00	38.49 2.16 0.00	37.13 1.90 0.00
KIAC_JFK_GT2 23817	42.21 1.59 0.00	35.37 1.33 0.02	33.45 1.16 0.02	36.97 1.27 0.02	34.63 1.25 0.01	32.73 1.19 0.00	30.04 1.24 0.00	35.78 1.70 0.00	30.67 1.58 0.00	26.69 1.53 0.00	29.47 1.73 0.00	28.37 1.69 0.00	27.75 1.70 0.00	27.05 1.86 0.00	35.87 2.46 0.00	31.34 2.08 0.00	39.86 2.51 0.00	43.47 2.60 0.00	55.99 3.38 0.00	62.09 3.74 0.00	44.77 2.47 0.00	43.59 2.50 0.00	38.49 2.16 0.00	37.13 1.90 0.00
KIAC_JFK____ 323774	42.21 1.59 0.00	35.37 1.32 0.02	33.46 1.16 0.02	36.97 1.27 0.02	34.64 1.25 0.01	32.73 1.20 0.00	30.04 1.24 0.00	35.78 1.70 0.00	30.68 1.59 0.00	26.69 1.53 0.00	29.47 1.73 0.00	28.37 1.69 0.00	27.75 1.70 0.00	27.05 1.86 0.00	35.87 2.46 0.00	31.33 2.07 0.00	39.86 2.51 0.00	43.47 2.60 0.00	55.99 3.37 0.00	62.10 3.74 0.00	44.76 2.46 0.00	43.59 2.50 0.00	38.49 2.16 0.00	37.13 1.90 0.00
KINTIGH__24_KV_GSU 356498	39.59 -0.82 0.21	33.15 -0.80 0.11	31.53 -0.78 0.00	34.80 -0.89 0.03	32.68 -0.72 0.00	30.88 -0.63 0.02	27.88 -0.69 0.22	32.18 -1.16 0.74	22.38 -0.85 5.86	24.60 -0.44 0.12	27.51 -0.23 0.00	26.75 0.07 0.00	25.97 -0.09 0.00	25.00 -0.19 0.00	33.07 -0.34 0.00	28.50 -0.40 0.36	35.28 -1.26 0.82	38.30 -2.00 0.57	49.51 -2.30 0.82	54.43 -2.22 1.72	40.04 -1.46 0.80	38.73 -1.55 0.81	34.39 -1.18 0.77	33.94 -0.56 0.74
KINTIGH____ 23543	39.78 -0.84 0.00	33.23 -0.83 0.00	31.50 -0.80 0.00	34.82 -0.90 0.00	32.66 -0.74 0.00	30.89 -0.65 0.00	28.09 -0.70 0.00	32.88 -1.20 0.00	28.22 -0.87 0.00	24.70 -0.46 0.00	27.49 -0.25 0.00	26.74 0.05 0.00	25.95 -0.10 0.00	24.98 -0.21 0.00	33.06 -0.35 0.00	28.84 -0.42 0.00	35.25 -1.28 0.82	38.84 -2.03 0.00	50.29 -2.32 0.00	56.08 -2.28 0.00	40.79 -1.51 0.00	39.51 -1.58 0.00	35.13 -1.20 0.00	34.65 -0.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.15 0.53 0.00	34.27 0.21 0.00	32.32 0.01 0.00	35.89 0.17 0.00	33.67 0.27 0.00	31.82 0.28 0.00	29.07 0.27 0.00	34.19 0.12 0.00	28.83 -0.25 0.00	24.76 -0.40 0.00	27.12 -0.62 0.00	26.06 -0.63 0.00	25.52 -0.54 0.00	24.90 -0.28 0.00	33.19 -0.21 0.00	28.88 -0.38 0.00	35.57 -0.89 0.88	34.21 -1.02 5.64	50.47 -1.44 0.70	54.51 -1.97 1.88	48.63 -1.43 -7.76	40.17 -0.93 0.00	36.35 0.01 0.00	35.47 0.23 0.00
LACHUTE____HYDRO 323717	44.49 3.87 0.00	37.15 3.09 0.00	35.19 2.88 0.00	38.89 3.18 0.00	36.26 2.87 0.00	34.44 2.91 0.00	31.72 2.92 0.00	37.88 3.81 0.00	32.04 2.95 0.00	27.18 2.02 0.00	29.57 1.83 0.00	28.01 1.32 0.00	27.35 1.29 0.00	26.82 1.64 0.00	35.60 2.19 0.00	31.28 2.02 0.00	41.28 3.93 0.00	45.77 4.90 0.00	59.02 6.41 0.00	65.63 7.27 0.00	47.08 4.78 0.00	45.20 4.11 0.00	39.61 3.28 0.00	38.08 2.85 0.00
LAWRNCV_115KV_TB1 80681	41.33 0.71 0.00	34.62 0.55 0.00	32.81 0.51 0.00	36.32 0.60 0.00	33.88 0.48 0.00	31.91 0.37 0.00	29.13 0.33 0.00	34.42 0.34 0.00	29.25 0.16 0.00	25.06 -0.10 0.00	27.41 -0.33 0.00	26.36 -0.33 0.00	25.76 -0.30 0.00	24.99 -0.20 0.00	33.13 -0.28 0.00	29.01 -0.25 0.00	36.34 -0.31 0.70	36.12 -0.23 4.52	51.71 -0.35 0.56	56.78 -0.07 1.51	42.46 0.16 0.00	41.44 0.35 0.00	36.74 0.40 0.00	35.68 0.44 0.00
LEDERLE____ 23769	42.44 1.83 0.00	35.59 1.53 0.00	33.65 1.34 0.00	37.21 1.49 0.00	34.89 1.49 0.00	33.03 1.50 0.00	30.28 1.49 0.00	36.04 1.97 0.00	30.76 1.67 0.00	26.70 1.53 0.00	29.45 1.71 0.00	28.36 1.67 0.00	27.74 1.69 0.00	26.96 1.77 0.00	35.77 2.36 0.00	31.24 1.98 0.00	39.88 2.53 0.00	43.59 2.72 0.00	56.13 3.51 0.00	62.19 3.83 0.00	44.82 2.53 0.00	43.60 2.51 0.00	38.47 2.14 0.00	37.10 1.87 0.00
LIGHTHSE_115KV_TB6 355974	40.05 -0.56 0.00	33.62 -0.45 0.00	31.88 -0.42 0.00	35.19 -0.53 0.00	32.93 -0.47 0.00	31.10 -0.44 0.00	28.34 -0.45 0.00	33.46 -0.62 0.00	28.53 -0.57 0.00	24.51 -0.66 0.00	26.84 -0.90 0.00	25.77 -0.91 0.00	25.17 -0.88 0.00	24.30 -0.89 0.00	32.27 -1.13 0.00	28.48 -0.78 0.00	36.50 -0.80 0.05	39.90 -0.63 0.34	51.79 -0.78 0.04	57.63 -0.82 -0.09	41.64 -0.66 0.00	40.54 -0.55 0.00	35.75 -0.58 0.00	34.55 -0.68 0.00
LINDEN COGEN____ 23786	42.35 1.73 0.00	35.56 1.50 0.00	33.62 1.31 0.00	37.17 1.45 0.00	34.83 1.43 0.00	32.92 1.39 0.00	30.20 1.40 0.00	35.94 1.86 0.00	30.75 1.66 0.00	26.73 1.56 0.00	29.49 1.75 0.00	28.42 1.73 0.00	27.81 1.76 0.00	27.04 1.85 0.00	35.86 2.45 0.00	31.29 2.03 0.00	39.82 2.47 0.00	43.43 2.56 0.00	55.89 3.28 0.00	61.91 3.56 0.00	44.63 2.33 0.00	43.45 2.36 0.00	38.39 2.05 0.00	37.06 1.83 0.00
LINDHRST_69_KV_BK1 356055	50.80 2.53 -7.65	47.26 2.23 -10.97	45.98 2.05 -11.62	47.78 2.27 -9.79	48.15 2.19 -12.56	48.52 2.11 -14.88	49.12 2.01 -18.31	42.69 2.57 -6.04	31.96 2.14 -0.73	27.09 1.93 0.00	29.80 2.06 0.00	28.63 1.94 0.00	27.93 1.89 0.00	27.14 1.96 0.00	35.98 2.57 0.00	25.62 1.91 5.56	38.48 2.50 1.37	42.26 2.83 1.44	54.05 3.55 2.12	59.81 3.85 2.39	43.34 2.64 1.60	42.33 2.62 1.38	38.61 2.28 0.00	37.22 1.99 0.00
LIPA_MISC_IPP 23656	48.33 2.04 -5.67	45.18 1.81 -9.31	43.85 1.67 -9.86	45.89 1.87 -8.31	45.86 1.80 -10.66	45.92 1.76 -12.62	46.00 1.67 -15.54	41.36 2.16 -5.13	31.52 1.80 -0.62	26.80 1.64 0.00	29.43 1.69 0.00	28.25 1.57 0.00	27.56 1.51 0.00	26.76 1.58 0.00	35.44 2.04 0.00	23.14 1.41 7.54	32.15 1.90 7.10	35.61 2.21 7.46	43.94 2.31 10.98	48.35 2.41 12.42	35.71 1.71 8.30	35.72 1.81 7.17	37.81 1.48 0.00	36.42 1.19 0.00
LISF____SOLAR 323691	48.45 2.12 -5.71	45.26 1.87 -9.33	43.93 1.73 -9.88	45.97 1.93 -8.33	45.95 1.86 -10.68	46.00 1.81 -12.65	46.09 1.72 -15.57	41.44 2.23 -5.14	31.58 1.87 -0.62	26.82 1.66 0.00	29.44 1.70 0.00	28.27 1.59 0.00	27.57 1.51 0.00	26.77 1.59 0.00	35.45 2.04 0.00	23.18 1.42 7.50	32.43 1.94 6.86	35.94 2.28 7.21	44.43 2.42 10.60	48.89 2.53 11.99	36.08 1.79 8.01	36.05 1.88 6.92	37.86 1.53 0.00	36.47 1.24 0.00
LITTLE FALLS____HYD 24013	43.06 2.44 0.00	36.02 1.97 0.00	34.11 1.80 0.00	37.63 1.92 0.00	35.25 1.85 0.00	33.31 1.78 0.00	30.50 1.71 0.00	36.31 2.24 0.00	30.73 1.64 0.00	26.14 0.98 0.00	28.67 0.93 0.00	27.54 0.85 0.00	26.80 0.75 0.00	25.93 0.74 0.00	34.30 0.89 0.00	30.14 0.88 0.00	39.26 1.86 -0.05	44.09 2.88 -0.34	56.42 3.77 -0.04	62.61 4.14 -0.11	45.19 2.89 0.00	43.77 2.68 0.00	38.51 2.18 0.00	37.26 2.03 0.00

LITTLRIV_115KV_TB1 356100	41.88 1.26 0.00	35.06 1.00 0.00	33.24 0.93 0.00	36.78 1.07 0.00	34.30 0.90 0.00	32.31 0.78 0.00	29.51 0.72 0.00	34.88 0.81 0.00	29.59 0.50 0.00	25.19 0.03 0.00	27.46 -0.28 0.00	26.41 -0.27 0.00	25.82 -0.23 0.00	25.06 -0.12 0.00	33.18 -0.22 0.00	29.05 -0.22 0.00	36.52 -0.14 0.68	36.71 0.20 4.36	52.55 0.49 0.54	57.75 0.84 1.45	43.10 0.80 0.00	42.05 0.96 0.00	37.24 0.91 0.00	36.17 0.93 0.00
LI_NEWBRDGE___DRP 323616	48.80 1.99 -6.20	44.47 1.74 -8.68	43.10 1.60 -9.19	45.24 1.78 -7.75	45.06 1.73 -9.94	44.97 1.67 -11.77	44.88 1.60 -14.48	40.92 2.07 -4.78	31.30 1.63 -0.58	26.68 1.52 0.00	29.37 1.63 0.00	28.24 1.56 0.00	27.58 1.53 0.00	26.80 1.62 0.00	35.51 2.10 0.00	22.94 1.52 7.84	39.32 1.97 0.00	43.04 2.18 0.00	55.29 2.68 0.00	61.20 2.84 0.00	44.22 1.92 0.00	43.03 1.94 0.00	38.00 1.66 0.00	36.67 1.43 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.64 -0.98 0.00	33.11 -0.95 0.00	31.37 -0.93 0.00	34.65 -1.07 0.00	32.54 -0.86 0.00	30.80 -0.74 0.00	27.96 -0.84 0.00	32.54 -1.53 0.00	27.96 -1.12 0.00	24.55 -0.62 0.00	27.36 -0.38 0.00	26.64 -0.05 0.00	25.85 -0.21 0.00	24.88 -0.30 0.00	32.92 -0.49 0.00	28.73 -0.53 0.00	34.79 -1.51 1.05	38.39 -2.47 0.00	49.78 -2.84 0.00	55.56 -2.80 0.00	40.49 -1.81 0.00	39.16 -1.93 0.00	34.84 -1.50 0.00	34.45 -0.79 0.00
LOCKPORT___CC1 323769	39.40 -1.00 0.21	32.97 -0.98 0.11	31.34 -0.96 0.00	34.59 -1.10 0.03	32.50 -0.90 0.00	30.74 -0.77 0.02	27.70 -0.87 0.23	31.79 -1.53 0.76	21.99 -1.13 5.98	24.41 -0.63 0.12	27.34 -0.40 0.00	26.62 -0.06 0.00	25.82 -0.23 0.00	24.85 -0.34 0.00	32.88 -0.53 0.00	28.33 -0.57 0.37	34.63 -1.56 1.16	37.78 -2.51 0.58	48.92 -2.86 0.83	53.83 -2.78 1.75	39.69 -1.79 0.82	38.33 -1.93 0.83	34.06 -1.49 0.79	33.71 -0.77 0.75
LOCKPORT___CC2 323770	39.40 -1.00 0.21	32.97 -0.98 0.11	31.34 -0.96 0.00	34.59 -1.10 0.03	32.50 -0.90 0.00	30.74 -0.77 0.02	27.70 -0.87 0.23	31.79 -1.53 0.76	21.99 -1.13 5.98	24.41 -0.63 0.12	27.34 -0.40 0.00	26.62 -0.06 0.00	25.82 -0.23 0.00	24.85 -0.34 0.00	32.88 -0.53 0.00	28.33 -0.57 0.37	34.63 -1.56 1.16	37.78 -2.51 0.58	48.92 -2.86 0.83	53.83 -2.78 1.75	39.69 -1.79 0.82	38.33 -1.93 0.83	34.06 -1.49 0.79	33.71 -0.77 0.75
LOCKPORT___CC3 323771	39.40 -1.00 0.21	32.97 -0.98 0.11	31.34 -0.96 0.00	34.59 -1.10 0.03	32.50 -0.90 0.00	30.74 -0.77 0.02	27.70 -0.87 0.23	31.79 -1.53 0.76	21.99 -1.13 5.98	24.41 -0.63 0.12	27.34 -0.40 0.00	26.62 -0.06 0.00	25.82 -0.23 0.00	24.85 -0.34 0.00	32.88 -0.53 0.00	28.33 -0.57 0.37	34.63 -1.56 1.16	37.78 -2.51 0.58	48.92 -2.86 0.83	53.83 -2.78 1.75	39.69 -1.79 0.82	38.33 -1.93 0.83	34.06 -1.49 0.79	33.71 -0.77 0.75
LOCUSVLY_69_KV_BK2 55797	53.37 2.20 -10.55	50.43 1.89 -14.48	49.38 1.74 -15.33	50.56 1.92 -12.92	51.84 1.87 -16.57	52.96 1.80 -19.63	54.69 1.73 -24.16	44.29 2.25 -7.97	31.94 1.88 -0.97	26.90 1.74 0.00	29.63 1.89 0.00	28.50 1.82 0.00	27.84 1.79 0.00	27.06 1.88 0.00	35.86 2.45 0.00	27.96 1.88 3.18	41.31 2.42 -1.54	45.11 2.62 -1.62	58.33 3.33 -2.38	64.62 3.57 -2.70	46.50 2.40 -1.80	45.04 2.40 -1.55	38.39 2.06 0.00	37.06 1.83 0.00
LONG_LAKE_PHOENIX 24014	39.74 -0.87 0.00	33.32 -0.74 0.00	31.59 -0.72 0.00	34.90 -0.82 0.00	32.66 -0.74 0.00	30.86 -0.68 0.00	28.15 -0.64 0.00	33.24 -0.83 0.00	28.40 -0.69 0.00	24.55 -0.62 0.00	27.06 -0.68 0.00	26.04 -0.64 0.00	25.42 -0.63 0.00	24.58 -0.60 0.00	32.68 -0.72 0.00	28.67 -0.60 0.00	36.62 -0.73 0.00	40.07 -0.80 0.00	51.63 -0.99 0.00	57.57 -1.10 -0.31	41.46 -0.85 0.00	40.20 -0.89 0.00	35.51 -0.83 0.00	34.42 -0.81 0.00
LOVETT___3 23632	42.22 1.61 0.00	35.42 1.36 0.00	33.51 1.20 0.00	37.04 1.32 0.00	34.72 1.32 0.00	32.79 1.26 0.00	30.06 1.26 0.00	35.77 1.69 0.00	30.59 1.50 0.00	26.57 1.40 0.00	29.30 1.56 0.00	28.21 1.52 0.00	27.59 1.54 0.00	26.80 1.62 0.00	35.57 2.16 0.00	31.05 1.78 0.00	39.61 2.27 0.00	43.28 2.41 0.00	55.74 3.12 0.00	61.74 3.39 0.00	44.52 2.22 0.00	43.32 2.23 0.00	38.24 1.91 0.00	36.90 1.66 0.00
LOVETT___4 23642	42.22 1.61 0.00	35.42 1.36 0.00	33.51 1.20 0.00	37.04 1.32 0.00	34.72 1.32 0.00	32.79 1.26 0.00	30.06 1.26 0.00	35.77 1.69 0.00	30.59 1.50 0.00	26.57 1.40 0.00	29.30 1.56 0.00	28.21 1.52 0.00	27.59 1.54 0.00	26.80 1.62 0.00	35.57 2.16 0.00	31.05 1.78 0.00	39.61 2.27 0.00	43.28 2.41 0.00	55.74 3.12 0.00	61.74 3.39 0.00	44.52 2.22 0.00	43.32 2.23 0.00	38.24 1.91 0.00	36.90 1.66 0.00
LOVETT___5 23593	42.22 1.61 0.00	35.42 1.36 0.00	33.51 1.20 0.00	37.04 1.32 0.00	34.72 1.32 0.00	32.79 1.26 0.00	30.06 1.26 0.00	35.77 1.69 0.00	30.59 1.50 0.00	26.57 1.40 0.00	29.30 1.56 0.00	28.21 1.52 0.00	27.59 1.54 0.00	26.80 1.62 0.00	35.57 2.16 0.00	31.05 1.78 0.00	39.61 2.27 0.00	43.28 2.41 0.00	55.74 3.12 0.00	61.74 3.39 0.00	44.52 2.22 0.00	43.32 2.23 0.00	38.24 1.91 0.00	36.90 1.66 0.00
LOWER RAQUET___HYD 24057	41.40 0.78 0.00	34.67 0.61 0.00	32.87 0.56 0.00	36.38 0.66 0.00	33.93 0.53 0.00	31.96 0.43 0.00	29.18 0.38 0.00	34.48 0.40 0.00	29.28 0.19 0.00	25.04 -0.13 0.00	27.33 -0.42 0.00	26.26 -0.42 0.00	25.67 -0.38 0.00	24.93 -0.25 0.00	33.05 -0.36 0.00	28.96 -0.30 0.00	36.36 -0.33 0.66	36.41 -0.23 4.22	51.70 -0.38 0.53	56.92 -0.03 1.41	42.51 0.21 0.00	41.51 0.42 0.00	36.81 0.47 0.00	35.72 0.49 0.00
LOWER___HUDSON 24059	41.78 1.17 0.00	35.07 1.01 0.00	33.29 0.98 0.00	36.76 1.05 0.00	34.39 0.99 0.00	32.54 1.00 0.00	29.79 0.99 0.00	35.36 1.28 0.00	30.14 1.05 0.00	26.10 0.94 0.00	28.63 0.89 0.00	27.44 0.75 0.00	26.80 0.74 0.00	25.98 0.79 0.00	34.43 1.02 0.00	30.19 0.93 0.00	38.82 1.47 0.00	42.59 1.72 0.00	54.87 2.26 0.00	60.83 2.47 0.00	43.95 1.65 0.00	42.61 1.52 0.00	37.57 1.24 0.00	36.29 1.06 0.00
LOWVILLE_115KV_TB2 356335	40.50 -0.11 0.00	34.05 -0.01 0.00	32.31 0.00 0.00	35.64 -0.08 0.00	33.36 -0.04 0.00	31.41 -0.13 0.00	28.60 -0.20 0.00	33.75 -0.33 0.00	28.72 -0.37 0.00	24.46 -0.70 0.00	26.57 -1.17 0.00	25.41 -1.27 0.00	24.84 -1.21 0.00	23.96 -1.23 0.00	31.84 -1.57 0.00	28.33 -0.94 0.00	36.54 -0.66 0.15	39.49 -0.39 0.99	51.92 -0.57 0.12	57.71 -0.37 0.28	41.90 -0.40 0.00	40.85 -0.24 0.00	36.01 -0.33 0.00	34.66 -0.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.25 1.63 0.00	35.43 1.37 0.00	33.62 1.31 0.00	37.15 1.43 0.00	34.75 1.35 0.00	32.87 1.33 0.00	30.11 1.32 0.00	35.72 1.64 0.00	30.43 1.34 0.00	26.24 1.08 0.00	28.76 1.02 0.00	27.53 0.85 0.00	26.90 0.85 0.00	26.10 0.92 0.00	34.66 1.25 0.00	30.45 1.18 0.00	39.21 1.86 0.00	43.15 2.28 0.00	55.59 2.97 0.00	61.62 3.26 0.00	44.48 2.18 0.00	43.08 1.99 0.00	37.96 1.63 0.00	36.68 1.45 0.00

LUTHERNY_35_KV_BK2 355980	42.26 1.65 0.00	35.44 1.38 0.00	33.62 1.31 0.00	37.15 1.43 0.00	34.76 1.36 0.00	32.87 1.34 0.00	30.14 1.35 0.00	35.75 1.67 0.00	30.45 1.37 0.00	26.25 1.09 0.00	28.77 1.03 0.00	27.54 0.85 0.00	26.91 0.86 0.00	26.12 0.94 0.00	34.66 1.25 0.00	30.46 1.20 0.00	39.25 1.90 0.00	43.22 2.35 0.00	55.65 3.03 0.00	61.68 3.33 0.00	44.50 2.20 0.00	43.10 2.01 0.00	37.99 1.65 0.00	36.69 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	40.98 0.36 0.00	34.37 0.31 0.00	32.60 0.30 0.00	36.02 0.30 0.00	33.66 0.26 0.00	31.69 0.15 0.00	28.89 0.10 0.00	34.12 0.05 0.00	28.99 -0.10 0.00	24.73 -0.44 0.00	26.91 -0.83 0.00	25.79 -0.89 0.00	25.22 -0.84 0.00	24.40 -0.78 0.00	32.38 -1.03 0.00	28.59 -0.67 0.00	36.32 -0.60 0.44	37.79 -0.29 2.78	51.77 -0.50 0.35	57.24 -0.24 0.88	42.19 -0.11 0.00	41.23 0.14 0.00	36.44 0.10 0.00	35.22 -0.02 0.00
LYONS_FALL_HYD 23570	40.79 0.17 0.00	34.25 0.18 0.00	32.50 0.19 0.00	35.88 0.16 0.00	33.59 0.19 0.00	31.67 0.13 0.00	28.87 0.07 0.00	34.12 0.05 0.00	29.06 -0.03 0.00	24.85 -0.31 0.00	27.13 -0.62 0.00	26.01 -0.68 0.00	25.40 -0.65 0.00	24.52 -0.67 0.00	32.57 -0.83 0.00	28.89 -0.38 0.00	37.22 -0.05 0.08	40.48 0.14 0.53	52.70 0.15 0.07	58.54 0.33 0.14	42.43 0.13 0.00	41.27 0.18 0.00	36.39 0.06 0.00	35.10 -0.13 0.00
MADISON___COUNTY_LFGE 323628	41.21 0.60 0.00	34.55 0.49 0.00	32.78 0.48 0.00	36.25 0.53 0.00	33.94 0.54 0.00	32.07 0.54 0.00	29.29 0.50 0.00	34.68 0.60 0.00	29.56 0.48 0.00	25.37 0.20 0.00	27.81 0.06 0.00	26.74 0.06 0.00	26.12 0.07 0.00	25.23 0.05 0.00	33.54 0.13 0.00	29.66 0.39 0.00	38.16 0.81 0.00	41.84 0.97 0.00	53.87 1.25 0.00	59.79 1.44 0.00	43.24 0.94 0.00	41.90 0.81 0.00	36.96 0.63 0.00	35.77 0.54 0.00
MALONE___115KV_TB1 356076	41.32 0.70 0.00	34.54 0.48 0.00	32.68 0.37 0.00	36.25 0.53 0.00	33.88 0.48 0.00	31.95 0.41 0.00	29.19 0.39 0.00	34.48 0.40 0.00	29.22 0.13 0.00	25.14 -0.02 0.00	27.54 -0.20 0.00	26.48 -0.21 0.00	25.88 -0.17 0.00	25.15 -0.03 0.00	33.45 0.05 0.00	29.15 -0.11 0.00	36.22 -0.32 0.81	35.41 -0.26 5.20	51.66 -0.31 0.65	56.27 -0.35 1.73	42.96 -0.12 -0.79	41.18 0.08 0.00	36.76 0.43 0.00	35.75 0.52 0.00
MAPLEWOD_115KV_TB3 80458	41.50 0.88 0.00	34.84 0.78 0.00	33.08 0.77 0.00	36.51 0.79 0.00	34.19 0.79 0.00	32.35 0.81 0.00	29.60 0.81 0.00	35.13 1.06 0.00	29.98 0.90 0.00	25.96 0.80 0.00	28.53 0.78 0.00	27.36 0.67 0.00	26.73 0.67 0.00	25.89 0.71 0.00	34.31 0.90 0.00	30.13 0.87 0.00	38.59 1.24 0.00	42.32 1.45 0.00	54.51 1.90 0.00	60.42 2.07 0.00	43.68 1.38 0.00	42.39 1.30 0.00	37.38 1.05 0.00	36.11 0.87 0.00
MAPLE_RIDGE_WT_1 323574	39.47 -1.15 0.00	33.10 -0.96 0.00	31.48 -0.83 0.00	34.88 -0.84 0.00	32.57 -0.83 0.00	30.70 -0.83 0.00	28.02 -0.77 0.00	33.16 -0.92 0.00	28.24 -0.85 0.00	24.41 -0.76 0.00	2.56 -0.88 24.30	1.75 -0.88 24.05	25.22 -0.83 0.00	24.39 -0.80 0.00	32.41 -1.00 0.00	28.41 -0.85 0.00	34.22 -1.11 2.02	26.68 -1.23 12.96	49.38 -1.61 1.62	52.31 -1.72 4.32	41.19 -1.11 0.00	40.00 -1.09 0.00	35.40 -0.94 0.00	34.32 -0.91 0.00
MAPLE_RIDGE_WT_2 323611	39.47 -1.15 0.00	33.10 -0.96 0.00	31.48 -0.83 0.00	34.88 -0.84 0.00	32.57 -0.83 0.00	30.70 -0.83 0.00	28.02 -0.77 0.00	33.16 -0.92 0.00	28.24 -0.85 0.00	24.41 -0.76 0.00	2.56 -0.88 24.30	1.75 -0.88 24.05	25.22 -0.83 0.00	24.39 -0.80 0.00	32.41 -1.00 0.00	28.41 -0.85 0.00	34.22 -1.11 2.02	26.68 -1.23 12.96	49.38 -1.61 1.62	52.31 -1.72 4.32	41.19 -1.11 0.00	40.00 -1.09 0.00	35.40 -0.94 0.00	34.32 -0.91 0.00
MARBLE_RIVER_WT_PWR 323696	40.80 0.18 0.00	33.79 -0.27 0.00	31.75 -0.56 0.00	35.36 -0.35 0.00	33.38 -0.02 0.00	31.57 0.04 0.00	28.82 0.02 0.00	33.72 -0.36 0.00	28.29 -0.80 0.00	24.32 -0.85 0.00	26.58 -1.16 0.00	25.55 -1.13 0.00	25.04 -1.01 0.00	24.61 -0.58 0.00	32.83 -0.58 0.00	28.43 -0.83 0.00	34.72 -1.75 0.88	33.11 -2.10 5.66	48.88 -3.03 0.71	52.52 -3.95 1.89	21.68 -2.88 17.74	6.73 -2.21 32.15	35.72 -0.61 0.00	35.06 -0.17 0.00
MARSHVLE_115KV_TB1 80742	40.76 0.14 0.00	34.18 0.12 0.00	32.41 0.10 0.00	35.82 0.10 0.00	33.50 0.10 0.00	31.59 0.06 0.00	28.87 0.08 0.00	34.16 0.08 0.00	29.01 -0.08 0.00	24.78 -0.39 0.00	27.38 -0.36 0.00	26.42 -0.27 0.00	25.85 -0.20 0.00	24.94 -0.24 0.00	33.05 -0.36 0.00	28.98 -0.28 0.00	37.25 -0.10 0.00	40.98 0.11 0.00	52.81 0.20 0.00	58.57 0.21 0.00	42.53 0.23 0.00	41.20 0.11 0.00	36.36 0.03 0.00	35.29 0.06 0.00
MARSH_HILL_WT_PWR 323713	38.36 -2.25 0.00	32.23 -1.83 0.00	30.29 -2.02 0.00	33.60 -2.12 0.00	31.49 -1.91 0.00	29.69 -1.84 0.00	27.09 -1.71 0.00	31.78 -2.30 0.00	27.28 -1.81 0.00	23.68 -1.49 0.00	26.21 -1.54 0.00	25.10 -1.58 0.00	24.22 -1.84 0.00	23.31 -1.87 0.00	31.04 -2.37 0.00	27.17 -2.09 0.00	38.38 -2.91 -3.94	37.54 -3.33 0.00	49.00 -3.62 0.00	55.09 -3.27 0.00	40.33 -1.96 0.00	39.50 -1.59 0.00	35.57 -0.76 0.00	34.95 -0.28 0.00
MCINTYRE_115KV_TB2 80467	42.06 1.44 0.00	35.21 1.15 0.00	33.37 1.07 0.00	36.94 1.23 0.00	34.43 1.03 0.00	32.44 0.90 0.00	29.63 0.84 0.00	35.03 0.95 0.00	29.69 0.60 0.00	25.28 0.12 0.00	27.60 -0.14 0.00	26.56 -0.12 0.00	25.96 -0.09 0.00	25.16 -0.02 0.00	33.32 -0.09 0.00	29.13 -0.13 0.00	36.62 -0.02 0.71	36.68 0.38 4.57	52.93 0.89 0.57	58.02 1.19 1.52	43.32 1.02 0.00	42.24 1.15 0.00	37.40 1.07 0.00	36.34 1.10 0.00
MECO_____69_KV_BK1 80468	41.82 1.20 0.00	35.05 0.99 0.00	33.23 0.92 0.00	36.72 1.00 0.00	34.36 0.96 0.00	32.45 0.91 0.00	29.69 0.89 0.00	35.18 1.11 0.00	29.89 0.80 0.00	25.34 0.18 0.00	27.82 0.08 0.00	26.78 0.09 0.00	26.19 0.13 0.00	25.29 0.10 0.00	33.50 0.09 0.00	29.40 0.14 0.00	38.12 0.77 0.00	42.35 1.48 0.00	54.67 2.06 0.00	60.63 2.27 0.00	43.92 1.63 0.00	42.50 1.40 0.00	37.44 1.10 0.00	36.25 1.01 0.00
MENANDS___115KV_TB5 355628	41.27 0.65 0.00	34.66 0.60 0.00	32.92 0.61 0.00	36.33 0.62 0.00	34.02 0.62 0.00	32.20 0.66 0.00	29.46 0.67 0.00	34.96 0.89 0.00	29.84 0.75 0.00	25.86 0.70 0.00	28.43 0.69 0.00	27.28 0.59 0.00	26.65 0.60 0.00	25.82 0.63 0.00	34.19 0.78 0.00	30.01 0.75 0.00	38.40 1.05 0.00	42.07 1.21 0.00	54.19 1.57 0.00	60.07 1.71 0.00	43.41 1.12 0.00	42.14 1.05 0.00	37.17 0.84 0.00	35.92 0.68 0.00
MG INDUSTRY___DRP 24185	41.33 0.71 0.00	34.71 0.65 0.00	32.97 0.66 0.00	36.40 0.69 0.00	34.09 0.69 0.00	32.25 0.71 0.00	29.48 0.69 0.00	34.96 0.89 0.00	29.81 0.72 0.00	25.74 0.57 0.00	28.30 0.56 0.00	27.18 0.49 0.00	26.55 0.50 0.00	25.70 0.51 0.00	34.11 0.70 0.00	29.93 0.66 0.00	38.31 0.96 0.00	41.99 1.12 0.00	54.05 1.44 0.00	59.91 1.55 0.00	43.37 1.07 0.00	42.10 1.01 0.00	37.17 0.83 0.00	35.95 0.71 0.00

MID___OSWEGATCHIE_HYD 23849	40.98 0.36 0.00	34.37 0.31 0.00	32.60 0.30 0.00	36.02 0.30 0.00	33.66 0.26 0.00	31.69 0.15 0.00	28.89 0.10 0.00	34.12 0.05 0.00	28.99 -0.10 0.00	24.73 -0.44 0.00	26.91 -0.83 0.00	25.79 -0.89 0.00	25.22 -0.84 0.00	24.40 -0.78 0.00	32.38 -1.03 0.00	28.59 -0.67 0.00	36.32 -0.60 0.44	37.79 -0.29 2.78	51.77 -0.50 0.35	57.24 -0.24 0.88	42.19 -0.11 0.00	41.23 0.14 0.00	36.44 0.10 0.00	35.22 -0.02 0.00
MID___RAQUETTE_HYD 23851	41.40 0.78 0.00	34.68 0.62 0.00	32.87 0.56 0.00	36.38 0.66 0.00	33.93 0.53 0.00	31.96 0.43 0.00	29.18 0.38 0.00	34.48 0.40 0.00	29.28 0.19 0.00	25.04 -0.13 0.00	27.33 -0.42 0.00	26.26 -0.42 0.00	25.67 -0.38 0.00	24.93 -0.25 0.00	33.05 -0.36 0.00	28.96 -0.30 0.00	36.36 -0.33 0.66	36.41 -0.24 4.22	51.70 -0.38 0.53	56.92 -0.03 1.41	42.51 0.21 0.00	41.51 0.42 0.00	36.81 0.47 0.00	35.72 0.49 0.00
MILLIKEN___1 23584	40.92 0.30 0.00	34.23 0.17 0.00	32.45 0.14 0.00	35.88 0.16 0.00	33.59 0.18 0.00	31.67 0.13 0.00	28.92 0.12 0.00	34.24 0.17 0.00	29.20 0.11 0.00	25.15 -0.02 0.00	27.68 -0.06 0.00	26.59 -0.09 0.00	25.98 -0.07 0.00	25.10 -0.08 0.00	33.44 0.03 0.00	29.42 0.16 0.00	37.97 0.32 -0.29	41.26 0.39 0.00	53.25 0.64 0.00	59.27 0.88 -0.04	42.80 0.50 0.00	41.49 0.39 0.00	36.70 0.37 0.00	35.57 0.34 0.00
MILLIKEN___2 23585	40.92 0.30 0.00	34.23 0.17 0.00	32.45 0.14 0.00	35.88 0.16 0.00	33.59 0.18 0.00	31.67 0.13 0.00	28.92 0.12 0.00	34.24 0.17 0.00	29.20 0.11 0.00	25.15 -0.02 0.00	27.68 -0.06 0.00	26.59 -0.09 0.00	25.98 -0.07 0.00	25.10 -0.08 0.00	33.44 0.03 0.00	29.42 0.16 0.00	37.97 0.32 -0.29	41.26 0.39 0.00	53.25 0.64 0.00	59.27 0.88 -0.04	42.80 0.50 0.00	41.49 0.39 0.00	36.70 0.37 0.00	35.57 0.34 0.00
MILLIKEN___DIESEL 23629	40.92 0.30 0.00	34.23 0.17 0.00	32.45 0.14 0.00	35.88 0.16 0.00	33.59 0.18 0.00	31.67 0.13 0.00	28.92 0.12 0.00	34.24 0.17 0.00	29.20 0.11 0.00	25.15 -0.02 0.00	27.68 -0.06 0.00	26.59 -0.09 0.00	25.98 -0.07 0.00	25.10 -0.08 0.00	33.44 0.03 0.00	29.42 0.16 0.00	37.97 0.32 -0.29	41.26 0.39 0.00	53.25 0.64 0.00	59.27 0.88 -0.04	42.80 0.50 0.00	41.49 0.39 0.00	36.70 0.37 0.00	35.57 0.34 0.00
MILLSEAT___LFGE 323607	40.09 -0.34 0.19	33.53 -0.43 0.10	31.86 -0.45 0.00	35.17 -0.52 0.03	33.04 -0.36 0.00	31.25 -0.27 0.02	28.22 -0.37 0.21	32.53 -0.87 0.68	23.12 -0.59 5.38	24.79 -0.27 0.11	27.63 -0.11 0.00	26.88 0.19 0.00	26.20 0.15 0.00	25.26 0.07 0.00	33.42 0.01 0.00	28.87 -0.07 0.33	35.75 -0.73 0.87	38.93 -1.42 0.52	50.44 -1.42 0.75	55.50 -1.28 1.57	40.77 -0.80 0.73	39.35 -1.00 0.74	34.88 -0.75 0.71	34.38 -0.18 0.67
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.29 1.67 0.00	35.48 1.42 0.00	33.58 1.27 0.00	37.11 1.39 0.00	34.78 1.38 0.00	32.87 1.33 0.00	30.13 1.34 0.00	35.86 1.78 0.00	30.65 1.55 0.00	26.61 1.45 0.00	29.35 1.61 0.00	28.24 1.56 0.00	27.63 1.58 0.00	26.84 1.65 0.00	35.59 2.18 0.00	31.08 1.81 0.00	39.63 2.28 0.00	43.30 2.43 0.00	55.75 3.14 0.00	61.79 3.43 0.00	44.57 2.27 0.00	43.35 2.26 0.00	38.27 1.94 0.00	36.94 1.71 0.00
MILLWOOD_13_KV_LOAD 356217	42.38 1.76 0.00	35.56 1.50 0.00	33.65 1.34 0.00	37.19 1.47 0.00	34.85 1.45 0.00	32.94 1.41 0.00	30.20 1.40 0.00	35.94 1.86 0.00	30.71 1.63 0.00	26.67 1.51 0.00	29.41 1.67 0.00	28.30 1.61 0.00	27.67 1.62 0.00	26.88 1.69 0.00	35.65 2.25 0.00	31.14 1.88 0.00	39.72 2.38 0.00	43.41 2.54 0.00	55.90 3.29 0.00	61.93 3.58 0.00	44.67 2.37 0.00	43.45 2.36 0.00	38.36 2.03 0.00	37.02 1.79 0.00
MODEL_CITY_ENERGY 24167	39.12 -1.27 0.22	32.75 -1.19 0.12	31.16 -1.15 0.00	34.38 -1.30 0.03	32.32 -1.08 0.00	30.57 -0.94 0.02	27.50 -1.05 0.24	31.46 -1.81 0.81	21.32 -1.34 6.42	24.24 -0.80 0.13	27.19 -0.56 0.00	26.48 -0.20 0.00	25.67 -0.38 0.00	24.72 -0.47 0.00	32.68 -0.72 0.00	28.12 -0.75 0.40	34.47 -1.80 1.09	37.34 -2.90 0.63	48.31 -3.41 0.89	53.09 -3.39 1.88	39.21 -2.21 0.88	37.86 -2.34 0.89	33.64 -1.85 0.84	33.31 -1.12 0.81
MODERN_LFGE___ 323580	39.12 -1.27 0.22	32.75 -1.19 0.12	31.16 -1.15 0.00	34.38 -1.30 0.03	32.32 -1.08 0.00	30.57 -0.94 0.02	27.50 -1.05 0.24	31.46 -1.81 0.81	21.32 -1.34 6.42	24.24 -0.80 0.13	27.19 -0.56 0.00	26.48 -0.20 0.00	25.67 -0.38 0.00	24.72 -0.47 0.00	32.68 -0.72 0.00	28.12 -0.75 0.40	34.47 -1.80 1.09	37.34 -2.90 0.63	48.31 -3.41 0.89	53.09 -3.39 1.88	39.21 -2.21 0.88	37.86 -2.34 0.89	33.64 -1.85 0.84	33.31 -1.12 0.81
MOHAWK_PAPER___DRP 24187	41.50 0.88 0.00	34.84 0.78 0.00	33.08 0.77 0.00	36.51 0.79 0.00	34.19 0.79 0.00	32.35 0.81 0.00	29.60 0.81 0.00	35.13 1.06 0.00	29.98 0.90 0.00	25.96 0.80 0.00	28.53 0.78 0.00	27.36 0.67 0.00	26.73 0.67 0.00	25.89 0.71 0.00	34.31 0.90 0.00	30.13 0.87 0.00	38.59 1.24 0.00	42.32 1.45 0.00	54.51 1.90 0.00	60.42 2.07 0.00	43.68 1.38 0.00	42.39 1.30 0.00	37.38 1.05 0.00	36.11 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	42.50 1.88 0.00	35.61 1.55 0.00	33.79 1.48 0.00	37.35 1.63 0.00	34.91 1.51 0.00	33.03 1.50 0.00	30.30 1.51 0.00	36.00 1.92 0.00	30.63 1.54 0.00	26.29 1.13 0.00	28.72 0.97 0.00	27.40 0.72 0.00	26.78 0.72 0.00	26.07 0.88 0.00	34.63 1.22 0.00	30.46 1.20 0.00	39.48 2.14 0.00	43.55 2.68 0.00	56.13 3.51 0.00	62.26 3.90 0.00	44.85 2.55 0.00	43.32 2.23 0.00	38.13 1.79 0.00	36.80 1.56 0.00
MONGAUP___HYD 23641	42.57 1.95 0.00	35.69 1.63 0.00	33.75 1.44 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.51 0.00	30.28 1.49 0.00	36.04 1.97 0.00	30.77 1.68 0.00	26.53 1.37 0.00	29.28 1.54 0.00	28.08 1.40 0.00	27.33 1.27 0.00	26.61 1.43 0.00	35.40 1.99 0.00	30.98 1.72 0.00	39.49 2.14 0.00	43.59 2.72 0.00	56.28 3.66 0.00	62.38 4.03 0.00	44.99 2.69 0.00	43.72 2.62 0.00	38.55 2.21 0.00	37.17 1.93 0.00
MONTAUK___DIESEL 23721	49.48 3.17 -5.69	46.08 2.70 -9.32	44.70 2.52 -9.87	46.75 2.72 -8.32	46.65 2.58 -10.67	46.70 2.52 -12.64	46.60 2.25 -15.55	42.02 2.82 -5.13	32.16 2.44 -0.62	27.55 2.39 0.00	30.27 2.52 0.00	29.04 2.35 0.00	28.31 2.26 0.00	27.50 2.31 0.00	36.42 3.01 0.00	24.09 2.35 7.52	33.54 3.18 6.99	37.20 3.68 7.35	43.97 2.17 10.81	47.07 0.94 12.23	34.72 0.59 8.17	34.66 0.63 7.06	36.70 0.36 0.00	35.29 0.06 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.33 -2.29 0.00	31.86 -2.20 0.00	29.98 -2.32 0.00	33.43 -2.28 0.00	31.45 -1.95 0.00	29.56 -1.97 0.00	26.72 -2.08 0.00	31.48 -2.60 0.00	27.05 -2.04 0.00	23.69 -1.47 0.00	26.69 -1.06 0.00	25.82 -0.86 0.00	25.04 -1.01 0.00	24.10 -1.08 0.00	31.89 -1.52 0.00	27.94 -1.32 0.00	34.44 -2.04 0.87	38.42 -2.45 0.00	50.08 -2.54 0.00	56.26 -2.10 0.00	40.47 -1.83 0.00	39.22 -1.87 0.00	34.52 -1.82 0.00	33.61 -1.63 0.00

MORRIS_RIDGE___SOLAR 323848	39.02 -1.60 0.00	32.64 -1.42 0.00	30.79 -1.52 0.00	34.08 -1.63 0.00	31.93 -1.47 0.00	30.12 -1.41 0.00	27.46 -1.34 0.00	32.16 -1.92 0.00	27.60 -1.49 0.00	23.97 -1.19 0.00	26.64 -1.10 0.00	25.74 -0.95 0.00	24.87 -1.18 0.00	23.88 -1.30 0.00	31.85 -1.56 0.00	27.83 -1.43 0.00	28.50 -2.20 6.64	38.31 -2.56 0.00	49.95 -2.66 0.00	56.22 -2.14 0.00	40.74 -1.55 0.00	39.62 -1.47 0.00	35.39 -0.95 0.00	34.75 -0.49 0.00
MORTIMER_115KV_TB3 55949	40.30 -0.32 0.00	33.69 -0.37 0.00	31.93 -0.38 0.00	35.27 -0.45 0.00	33.04 -0.36 0.00	31.24 -0.29 0.00	28.49 -0.31 0.00	33.51 -0.57 0.00	28.67 -0.42 0.00	24.94 -0.22 0.00	27.61 -0.13 0.00	26.75 0.07 0.00	26.13 0.08 0.00	25.20 0.02 0.00	33.45 0.04 0.00	29.28 0.02 0.00	37.00 -0.36 0.00	40.21 -0.66 0.00	52.00 -0.62 0.00	57.79 -0.57 0.00	41.90 -0.40 0.00	40.55 -0.54 0.00	35.88 -0.45 0.00	35.07 -0.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.52 1.90 0.00	35.71 1.65 0.00	33.77 1.47 0.00	37.32 1.60 0.00	34.97 1.57 0.00	33.06 1.53 0.00	30.31 1.52 0.00	36.07 1.99 0.00	30.85 1.76 0.00	26.80 1.64 0.00	29.57 1.83 0.00	28.47 1.79 0.00	27.85 1.80 0.00	27.07 1.89 0.00	35.89 2.48 0.00	31.33 2.06 0.00	39.88 2.54 0.00	43.51 2.64 0.00	56.01 3.40 0.00	62.06 3.70 0.00	44.77 2.47 0.00	43.57 2.48 0.00	38.49 2.15 0.00	37.16 1.93 0.00
MUNSVILLE_WIND_PWR 323609	41.67 0.99 -0.07	34.85 0.76 -0.04	32.92 0.62 0.00	36.27 0.54 -0.01	33.93 0.53 0.00	31.88 0.34 -0.01	29.25 0.39 -0.07	34.81 0.50 -0.24	31.34 0.38 -1.88	25.15 -0.05 -0.04	27.63 -0.11 0.00	26.53 -0.15 0.00	25.76 -0.29 0.00	24.70 -0.48 0.00	32.68 -0.73 0.00	29.22 -0.14 -0.10	37.90 0.33 -0.21	41.81 0.78 -0.16	54.30 1.45 -0.23	61.12 2.28 -0.48	43.83 1.31 -0.22	42.37 1.06 -0.23	37.32 0.77 -0.21	36.12 0.68 -0.21
N SALMON___HYD 24042	41.31 0.70 0.00	34.54 0.48 0.00	32.68 0.38 0.00	36.25 0.53 0.00	33.88 0.48 0.00	31.95 0.41 0.00	29.19 0.40 0.00	34.48 0.40 0.00	29.22 0.13 0.00	25.14 -0.02 0.00	27.54 -0.20 0.00	26.48 -0.21 0.00	25.88 -0.17 0.00	25.15 -0.03 0.00	33.45 0.05 0.00	29.16 -0.10 0.00	36.22 -0.32 0.81	35.41 -0.26 5.20	51.66 -0.31 0.65	56.27 -0.35 1.73	42.96 -0.13 -0.79	41.18 0.08 0.00	36.76 0.42 0.00	35.75 0.51 0.00
N.AKRON__115KV_KNAPP 355671	40.12 -0.50 0.00	33.51 -0.54 0.00	31.76 -0.55 0.00	35.07 -0.65 0.00	32.93 -0.47 0.00	31.17 -0.37 0.00	28.32 -0.48 0.00	33.03 -1.05 0.00	28.36 -0.73 0.00	24.83 -0.34 0.00	27.59 -0.15 0.00	26.84 0.16 0.00	26.13 0.07 0.00	25.17 -0.01 0.00	33.30 -0.10 0.00	29.09 -0.17 0.00	35.47 -0.94 0.94	39.15 -1.72 0.00	50.78 -1.83 0.00	56.60 -1.76 0.00	41.20 -1.10 0.00	39.84 -1.26 0.00	35.37 -0.97 0.00	34.89 -0.34 0.00
N.E_GEN_SANDY PD 24062	41.79 1.17 0.00	35.08 1.02 0.00	33.30 0.99 0.00	36.75 1.04 0.00	34.39 0.99 0.00	32.55 1.01 0.00	29.81 1.01 0.00	35.44 1.37 0.00	29.93 1.13 0.28	26.24 1.07 0.00	29.16 1.10 -0.32	27.24 0.97 0.41	27.03 0.98 0.00	26.22 1.04 0.00	34.69 1.28 0.00	30.35 1.09 0.00	38.61 1.58 0.32	42.65 1.78 0.00	54.96 2.34 0.00	61.35 2.55 -0.44	43.97 1.67 0.00	42.70 1.61 0.00	37.66 1.32 0.00	36.35 1.12 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.29 1.67 0.00	35.47 1.41 0.00	33.54 1.24 0.00	37.09 1.37 0.00	34.76 1.36 0.00	32.86 1.33 0.00	30.13 1.33 0.00	35.84 1.77 0.00	30.64 1.55 0.00	26.60 1.43 0.00	29.35 1.60 0.00	28.25 1.56 0.00	27.64 1.59 0.00	26.85 1.67 0.00	35.64 2.23 0.00	31.10 1.84 0.00	39.70 2.35 0.00	43.39 2.52 0.00	55.87 3.25 0.00	61.90 3.54 0.00	44.61 2.31 0.00	43.41 2.32 0.00	38.31 1.98 0.00	36.96 1.73 0.00
N.QUEENS_27_KV_LOAD 356247	42.46 1.84 0.00	35.61 1.55 0.01	33.69 1.39 0.01	37.24 1.53 0.01	34.89 1.49 0.01	32.99 1.45 0.00	30.28 1.48 0.00	36.02 1.94 0.00	30.82 1.73 0.00	26.79 1.62 0.00	29.55 1.81 0.00	28.45 1.77 0.00	27.87 1.81 0.00	27.09 1.90 0.00	35.99 2.58 0.00	31.50 2.24 0.00	39.99 2.64 0.00	43.62 2.75 0.00	56.23 3.61 0.00	62.34 3.98 0.00	45.01 2.71 0.00	43.80 2.71 0.00	38.68 2.34 0.00	37.32 2.08 0.00
N.TROY___115KV_TB1 355778	41.79 1.17 0.00	35.07 1.01 0.00	33.29 0.98 0.00	36.76 1.05 0.00	34.39 0.98 0.00	32.54 1.00 0.00	29.79 0.99 0.00	35.36 1.28 0.00	30.14 1.05 0.00	26.10 0.94 0.00	28.63 0.89 0.00	27.43 0.75 0.00	26.80 0.75 0.00	25.98 0.80 0.00	34.43 1.02 0.00	30.19 0.93 0.00	38.82 1.47 0.00	42.59 1.72 0.00	54.87 2.26 0.00	60.83 2.47 0.00	43.94 1.65 0.00	42.61 1.52 0.00	37.58 1.24 0.00	36.29 1.06 0.00
NARROWS_GT1_1 24228	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT1_2 24229	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT1_3 24230	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT1_4 24231	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT1_5 24232	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00

NARROWS_GT1_6 24233	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT1_7 24234	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT1_8 24235	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_1 24236	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_2 24237	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_3 24238	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_4 24239	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_5 24240	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_6 24241	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_7 24242	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NARROWS_GT2_8 24243	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.55 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.09 0.00	30.94 1.86 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.23 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.63 0.00	43.76 2.67 0.00	38.69 2.36 0.00	37.33 2.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.77 1.15 0.00	35.04 0.98 0.00	33.28 0.98 0.00	36.73 1.01 0.00	34.39 0.99 0.00	32.57 1.04 0.00	29.81 1.01 0.00	35.41 1.34 0.00	30.22 1.14 0.00	25.98 0.82 0.00	28.46 0.71 0.00	27.21 0.53 0.00	26.59 0.54 0.00	25.81 0.63 0.00	34.25 0.85 0.00	30.21 0.95 0.00	38.66 1.31 0.00	42.65 1.78 0.00	55.02 2.40 0.00	60.93 2.58 0.00	44.04 1.74 0.00	42.66 1.57 0.00	37.56 1.22 0.00	36.27 1.04 0.00
NCHELSEA_115KV_TR2 355582	42.52 1.90 0.00	35.66 1.60 0.00	33.75 1.45 0.00	37.29 1.58 0.00	34.94 1.54 0.00	33.04 1.51 0.00	30.29 1.49 0.00	36.04 1.97 0.00	30.81 1.72 0.00	26.72 1.56 0.00	29.49 1.75 0.00	28.34 1.65 0.00	27.71 1.66 0.00	26.90 1.71 0.00	35.68 2.27 0.00	31.20 1.93 0.00	39.84 2.49 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.24 3.88 0.00	44.91 2.61 0.00	43.64 2.55 0.00	38.50 2.16 0.00	37.14 1.91 0.00
NEG CAPITAL____MECHNVIL 23645	42.29 1.67 0.00	35.47 1.42 0.00	33.66 1.35 0.00	37.19 1.47 0.00	34.80 1.40 0.00	32.91 1.38 0.00	30.13 1.33 0.00	35.75 1.68 0.00	30.46 1.37 0.00	26.32 1.15 0.00	28.82 1.08 0.00	27.59 0.90 0.00	26.96 0.91 0.00	26.15 0.97 0.00	34.72 1.32 0.00	30.50 1.24 0.00	39.28 1.94 0.00	43.22 2.35 0.00	55.67 3.05 0.00	61.71 3.35 0.00	44.54 2.24 0.00	43.14 2.05 0.00	38.01 1.68 0.00	36.71 1.48 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.38 -1.18 0.07	32.95 -1.08 0.04	31.27 -1.04 0.00	34.54 -1.17 0.01	32.37 -1.03 0.00	30.59 -0.94 0.01	27.84 -0.89 0.07	32.66 -1.19 0.23	26.28 -0.97 1.84	24.38 -0.75 0.04	26.98 -0.76 0.00	26.09 -0.60 0.00	25.50 -0.55 0.00	24.63 -0.55 0.00	32.70 -0.71 0.00	28.55 -0.60 0.11	36.32 -1.03 0.00	39.36 -1.33 0.18	50.90 -1.46 0.25	56.21 -1.64 0.51	40.85 -1.20 0.25	39.49 -1.35 0.25	34.93 -1.16 0.24	34.06 -0.94 0.23

NEG CENTRAL___DRP 24199	40.39 -0.23 0.00	33.82 -0.24 0.00	32.03 -0.28 0.00	35.43 -0.29 0.00	33.15 -0.25 0.00	31.30 -0.23 0.00	28.58 -0.22 0.00	33.70 -0.38 0.00	28.82 -0.27 0.00	24.91 -0.26 0.00	27.46 -0.28 0.00	26.41 -0.27 0.00	25.80 -0.25 0.00	24.98 -0.20 0.00	33.24 -0.17 0.00	29.12 -0.14 0.00	37.43 -0.30 -0.38	40.43 -0.44 0.00	52.24 -0.38 0.00	58.17 -0.27 -0.08	42.02 -0.28 0.00	40.78 -0.31 0.00	36.16 -0.17 0.00	35.13 -0.10 0.00
NEG CENTRAL___INDECK 23768	40.85 0.23 0.00	34.16 0.10 0.00	32.27 -0.04 0.00	35.67 -0.05 0.00	33.45 0.04 0.00	31.60 0.06 0.00	28.86 0.06 0.00	33.92 -0.15 0.00	29.00 -0.08 0.00	25.11 -0.06 0.00	27.60 -0.14 0.00	26.69 0.00 0.00	26.02 -0.03 0.00	25.07 -0.12 0.00	33.33 -0.08 0.00	29.23 -0.03 0.00	41.12 -0.30 -4.07	40.67 -0.20 0.00	52.99 0.38 0.00	59.20 0.84 0.00	42.90 0.61 0.00	41.56 0.47 0.00	36.89 0.55 0.00	36.08 0.84 0.00
NEG CENTRAL___SENECA 23627	40.39 -0.23 0.00	33.82 -0.24 0.00	31.99 -0.31 0.00	35.39 -0.33 0.00	33.13 -0.27 0.00	31.28 -0.25 0.00	28.58 -0.21 0.00	33.62 -0.45 0.00	28.83 -0.25 0.00	24.91 -0.25 0.00	27.50 -0.24 0.00	26.47 -0.22 0.00	25.82 -0.23 0.00	24.99 -0.19 0.00	33.27 -0.14 0.00	29.14 -0.12 0.00	37.64 -0.31 -0.60	40.38 -0.50 0.00	52.23 -0.39 0.00	58.20 -0.20 -0.05	42.06 -0.24 0.00	40.87 -0.22 0.00	36.29 -0.04 0.00	35.29 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	40.63 0.01 0.00	33.93 -0.13 0.00	32.23 -0.08 0.00	35.66 -0.06 0.00	33.39 -0.01 0.00	31.43 -0.11 0.00	28.66 -0.14 0.00	33.97 -0.11 0.00	28.92 -0.17 0.00	25.00 -0.16 0.00	27.49 -0.25 0.00	26.42 -0.26 0.00	25.90 -0.15 0.00	25.00 -0.18 0.00	33.26 -0.15 0.00	29.30 0.03 0.00	37.31 -0.04 0.00	40.86 -0.01 0.00	52.72 0.11 0.00	58.70 0.25 -0.10	42.36 0.06 0.00	41.02 -0.07 0.00	36.37 0.04 0.00	35.29 0.06 0.00
NEG MILLWOOD___DRP 24198	42.58 1.96 0.00	35.71 1.65 0.00	33.81 1.50 0.00	37.35 1.63 0.00	34.99 1.59 0.00	33.09 1.55 0.00	30.34 1.55 0.00	36.11 2.04 0.00	30.88 1.79 0.00	26.80 1.64 0.00	29.57 1.82 0.00	28.41 1.73 0.00	27.79 1.74 0.00	26.98 1.79 0.00	35.77 2.37 0.00	31.25 1.99 0.00	39.91 2.56 0.00	43.63 2.76 0.00	56.25 3.64 0.00	62.31 3.95 0.00	44.96 2.66 0.00	43.68 2.59 0.00	38.53 2.20 0.00	37.17 1.94 0.00
NEG NORTH_FLCN_SEA 23793	40.94 0.32 0.00	34.07 0.00 0.00	32.10 -0.21 0.00	35.65 -0.07 0.00	33.51 0.11 0.00	31.66 0.13 0.00	28.93 0.14 0.00	33.97 -0.10 0.00	28.62 -0.47 0.00	24.58 -0.58 0.00	26.91 -0.83 0.00	25.86 -0.82 0.00	25.34 -0.72 0.00	24.78 -0.40 0.00	33.03 -0.38 0.00	28.73 -0.53 0.00	35.26 -1.21 0.88	33.66 -1.55 5.66	49.68 -2.23 0.71	53.54 -2.94 1.89	24.97 -2.14 15.19	39.63 -1.46 0.00	36.04 -0.29 0.00	35.23 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	40.75 0.13 0.00	34.06 0.00 0.00	32.22 -0.09 0.00	35.77 0.05 0.00	33.45 0.05 0.00	31.55 0.01 0.00	28.81 0.02 0.00	34.00 -0.08 0.00	28.75 -0.34 0.00	24.77 -0.39 0.00	27.22 -0.52 0.00	26.22 -0.46 0.00	25.64 -0.41 0.00	24.89 -0.29 0.00	33.15 -0.25 0.00	28.88 -0.38 0.00	35.71 -0.78 0.87	34.47 -0.87 5.54	50.83 -1.10 0.69	55.10 -1.42 1.85	42.52 -0.93 -1.16	40.43 -0.66 0.00	36.25 -0.09 0.00	35.30 0.07 0.00
NEG NORTH___ALICE_FALLS 23915	41.15 0.53 0.00	34.27 0.21 0.00	32.32 0.01 0.00	35.89 0.17 0.00	33.67 0.27 0.00	31.82 0.28 0.00	29.07 0.27 0.00	34.19 0.12 0.00	28.83 -0.25 0.00	24.76 -0.40 0.00	27.12 -0.62 0.00	26.06 -0.63 0.00	25.52 -0.54 0.00	24.90 -0.28 0.00	33.19 -0.21 0.00	28.88 -0.38 0.00	35.57 -0.89 0.88	34.21 -1.02 5.64	50.47 -1.44 0.70	54.51 -1.97 1.88	48.63 -1.43 -7.76	40.17 -0.93 0.00	36.35 0.01 0.00	35.47 0.23 0.00
NEG NORTH___LWR_SARANAC 23913	41.15 0.53 0.00	34.27 0.21 0.00	32.32 0.01 0.00	35.89 0.17 0.00	33.67 0.27 0.00	31.82 0.28 0.00	29.07 0.27 0.00	34.19 0.12 0.00	28.83 -0.25 0.00	24.76 -0.40 0.00	27.12 -0.62 0.00	26.06 -0.63 0.00	25.52 -0.54 0.00	24.90 -0.28 0.00	33.19 -0.21 0.00	28.88 -0.38 0.00	35.57 -0.89 0.88	34.21 -1.02 5.64	50.47 -1.44 0.70	54.51 -1.97 1.88	48.63 -1.43 -7.76	40.17 -0.93 0.00	36.35 0.01 0.00	35.47 0.23 0.00
NEG NORTH___PLATTSBURG 23628	41.15 0.53 0.00	34.27 0.21 0.00	32.32 0.01 0.00	35.89 0.17 0.00	33.68 0.28 0.00	31.82 0.28 0.00	29.07 0.27 0.00	34.19 0.11 0.00	28.83 -0.25 0.00	24.76 -0.40 0.00	27.12 -0.62 0.00	26.06 -0.63 0.00	25.52 -0.53 0.00	24.90 -0.28 0.00	33.19 -0.21 0.00	28.88 -0.38 0.00	35.57 -0.90 0.88	34.21 -1.02 5.64	50.47 -1.44 0.70	54.51 -1.97 1.88	48.63 -1.43 -7.76	40.17 -0.92 0.00	36.35 0.01 0.00	35.47 0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	39.61 -1.00 0.00	33.08 -0.97 0.00	31.34 -0.96 0.00	34.62 -1.09 0.00	32.51 -0.89 0.00	30.76 -0.77 0.00	27.93 -0.86 0.00	32.53 -1.55 0.00	27.95 -1.14 0.00	24.53 -0.63 0.00	27.34 -0.40 0.00	26.62 -0.06 0.00	25.82 -0.23 0.00	24.84 -0.34 0.00	32.88 -0.53 0.00	28.69 -0.57 0.00	34.62 -1.57 1.16	38.36 -2.51 0.00	49.75 -2.86 0.00	55.56 -2.80 0.00	40.48 -1.82 0.00	39.16 -1.93 0.00	34.84 -1.49 0.00	34.46 -0.77 0.00
NEG WEST___LANCASTR 23811	39.62 -1.00 0.00	33.05 -1.01 0.00	31.26 -1.05 0.00	34.60 -1.12 0.00	32.43 -0.97 0.00	30.65 -0.89 0.00	27.93 -0.87 0.00	32.80 -1.27 0.00	28.18 -0.91 0.00	24.62 -0.55 0.00	27.45 -0.29 0.00	26.65 -0.03 0.00	25.83 -0.22 0.00	24.84 -0.34 0.00	32.84 -0.57 0.00	28.66 -0.60 0.00	34.87 -1.41 1.07	38.89 -1.98 0.00	50.45 -2.16 0.00	56.43 -1.93 0.00	40.92 -1.38 0.00	39.66 -1.43 0.00	35.27 -1.06 0.00	34.70 -0.53 0.00
NEG_PENN_ALLEGHNY 23528	40.87 0.18 -0.07	34.18 0.08 -0.04	32.32 0.01 0.00	35.77 0.04 -0.01	33.45 0.05 0.00	31.57 0.03 -0.01	28.92 0.04 -0.08	34.38 0.04 -0.26	31.33 0.15 -2.09	25.33 0.13 -0.04	28.02 0.28 0.00	26.97 0.29 0.00	26.29 0.24 0.00	25.42 0.23 0.00	33.72 0.31 0.00	29.63 0.24 -0.13	37.70 0.35 0.00	41.29 0.21 -0.21	53.18 0.27 -0.30	59.45 0.46 -0.63	42.82 0.23 -0.29	41.63 0.24 -0.30	36.89 0.27 -0.28	35.78 0.28 -0.27
NEG___GEN_MONROE 24207	40.59 -0.03 0.00	33.94 -0.12 0.00	32.19 -0.12 0.00	35.53 -0.19 0.00	33.23 -0.17 0.00	31.50 -0.04 0.00	28.72 -0.07 0.00	33.73 -0.34 0.00	28.81 -0.28 0.00	25.04 -0.12 0.00	27.76 0.02 0.00	26.98 0.29 0.00	26.42 0.37 0.00	25.42 0.24 0.00	33.64 0.23 0.00	29.44 0.18 0.00	37.17 -0.17 0.00	40.34 -0.53 0.00	52.24 -0.37 0.00	58.07 -0.29 0.00	42.11 -0.18 0.00	40.72 -0.37 0.00	36.05 -0.28 0.00	35.26 0.03 0.00
NEPA___ENERGY 23901	39.64 -0.98 0.00	33.01 -1.05 0.00	31.14 -1.17 0.00	34.55 -1.17 0.00	32.39 -1.01 0.00	30.48 -1.05 0.00	27.76 -1.04 0.00	32.67 -1.41 0.00	28.16 -0.93 0.00	24.59 -0.57 0.00	27.57 -0.18 0.00	26.69 0.00 0.00	25.87 -0.18 0.00	24.93 -0.26 0.00	32.99 -0.41 0.00	28.69 -0.57 0.00	35.29 -1.06 1.00	39.18 -1.69 0.00	50.64 -1.97 0.00	56.72 -1.64 0.00	40.89 -1.41 0.00	39.78 -1.31 0.00	35.33 -1.00 0.00	34.58 -0.66 0.00

NEVERSINK___HYD 23608	41.98 1.36 0.00	35.19 1.13 0.00	33.29 0.98 0.00	36.79 1.07 0.00	34.49 1.09 0.00	32.60 1.07 0.00	29.87 1.07 0.00	35.53 1.46 0.00	30.39 1.30 0.00	26.28 1.12 0.00	28.99 1.24 0.00	27.86 1.17 0.00	27.06 1.01 0.00	25.62 0.44 0.00	34.02 0.61 0.00	29.77 0.51 0.00	38.12 0.77 0.00	41.80 0.93 0.00	54.05 1.43 0.00	61.48 3.12 0.00	44.37 2.07 0.00	43.11 2.02 0.00	38.01 1.67 0.00	36.66 1.43 0.00
NEWKRMKL_115KV_TB1 55635	41.02 0.41 0.00	34.46 0.40 0.00	32.73 0.43 0.00	36.12 0.40 0.00	33.85 0.45 0.00	32.04 0.50 0.00	29.32 0.52 0.00	34.79 0.71 0.00	29.71 0.62 0.00	25.73 0.57 0.00	28.29 0.55 0.00	27.15 0.46 0.00	26.53 0.47 0.00	25.71 0.52 0.00	34.04 0.63 0.00	29.91 0.65 0.00	38.21 0.86 0.00	41.88 1.01 0.00	53.92 1.30 0.00	59.75 1.39 0.00	43.20 0.90 0.00	41.91 0.82 0.00	36.96 0.63 0.00	35.73 0.49 0.00
NEWTON___FALLS_HYD 23847	40.98 0.36 0.00	34.37 0.31 0.00	32.60 0.30 0.00	36.02 0.30 0.00	33.66 0.26 0.00	31.69 0.15 0.00	28.89 0.10 0.00	34.12 0.05 0.00	28.99 -0.10 0.00	24.73 -0.44 0.00	26.91 -0.83 0.00	25.79 -0.89 0.00	25.22 -0.84 0.00	24.40 -0.78 0.00	32.38 -1.03 0.00	28.59 -0.67 0.00	36.32 -0.60 0.44	37.79 -0.29 2.78	51.77 -0.50 0.35	57.24 -0.24 0.88	42.19 -0.11 0.00	41.23 0.14 0.00	36.44 0.10 0.00	35.22 -0.02 0.00
NGRID_A1_DSASP 323792	39.16 -1.22 0.24	32.75 -1.18 0.13	31.17 -1.14 0.00	34.38 -1.30 0.04	32.31 -1.09 0.00	30.56 -0.95 0.02	27.53 -1.01 0.26	31.58 -1.63 0.87	20.99 -1.25 6.86	24.28 -0.74 0.14	27.21 -0.53 0.00	26.51 -0.17 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.11 -0.73 0.42	34.37 -1.87 1.11	37.28 -2.92 0.67	48.13 -3.53 0.95	52.86 -3.49 2.01	39.06 -2.30 0.93	37.78 -2.37 0.95	33.72 -1.71 0.90	33.46 -0.91 0.86
NGRID_A2_DSASP 323793	39.16 -1.22 0.24	32.75 -1.18 0.13	31.17 -1.14 0.00	34.38 -1.30 0.04	32.31 -1.09 0.00	30.56 -0.95 0.02	27.53 -1.01 0.26	31.58 -1.63 0.87	20.99 -1.25 6.86	24.28 -0.74 0.14	27.21 -0.53 0.00	26.51 -0.17 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.11 -0.73 0.42	34.37 -1.87 1.11	37.28 -2.92 0.67	48.13 -3.53 0.95	52.86 -3.49 2.01	39.06 -2.30 0.93	37.78 -2.37 0.95	33.72 -1.71 0.90	33.46 -0.91 0.86
NGRID_A4_DSASP 323807	39.16 -1.22 0.24	32.75 -1.18 0.13	31.17 -1.14 0.00	34.38 -1.30 0.04	32.31 -1.09 0.00	30.56 -0.95 0.02	27.53 -1.01 0.26	31.58 -1.63 0.87	20.99 -1.25 6.86	24.28 -0.74 0.14	27.21 -0.53 0.00	26.51 -0.17 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.11 -0.73 0.42	34.37 -1.87 1.11	37.28 -2.92 0.67	48.13 -3.53 0.95	52.86 -3.49 2.01	39.06 -2.30 0.93	37.78 -2.37 0.95	33.72 -1.71 0.90	33.46 -0.91 0.86
NIAGARA_115E_LBMP 323715	38.96 -1.43 0.23	32.62 -1.32 0.13	31.05 -1.26 0.00	34.25 -1.43 0.04	32.20 -1.20 0.00	30.46 -1.05 0.02	27.38 -1.17 0.25	31.27 -1.97 0.84	20.97 -1.48 6.63	24.14 -0.89 0.13	27.09 -0.65 0.00	26.40 -0.29 0.00	25.58 -0.47 0.00	24.63 -0.56 0.00	32.56 -0.85 0.00	28.00 -0.86 0.41	34.28 -1.97 1.10	37.08 -3.14 0.65	47.97 -3.72 0.92	52.65 -3.77 1.94	38.94 -2.45 0.90	37.59 -2.59 0.92	33.39 -2.07 0.87	33.09 -1.31 0.84
NIAGARA_115W_LBMP 323714	39.10 -1.28 0.24	32.71 -1.22 0.13	31.12 -1.19 0.00	34.34 -1.35 0.04	32.27 -1.12 0.00	30.52 -0.99 0.02	27.50 -1.04 0.26	31.54 -1.67 0.87	20.96 -1.28 6.85	24.25 -0.78 0.14	27.17 -0.57 0.00	26.48 -0.21 0.00	25.65 -0.40 0.00	24.69 -0.49 0.00	32.68 -0.73 0.00	28.06 -0.77 0.42	34.33 -1.92 1.10	37.21 -2.99 0.67	48.03 -3.63 0.95	52.75 -3.60 2.01	38.99 -2.37 0.93	37.70 -2.45 0.95	33.67 -1.77 0.90	33.42 -0.95 0.86
NIAGARA_230_LBMP 323716	39.18 -1.20 0.24	32.78 -1.15 0.13	31.19 -1.12 0.00	34.42 -1.26 0.04	32.35 -1.05 0.00	30.59 -0.92 0.02	27.55 -0.98 0.26	31.63 -1.59 0.86	21.07 -1.21 6.82	24.31 -0.72 0.14	27.24 -0.50 0.00	26.53 -0.16 0.00	25.71 -0.34 0.00	24.74 -0.44 0.00	32.73 -0.68 0.00	28.12 -0.72 0.42	34.48 -1.80 1.07	37.53 -2.67 0.67	48.51 -3.16 0.95	53.25 -3.11 2.00	39.33 -2.04 0.93	38.02 -2.12 0.94	33.80 -1.64 0.90	33.48 -0.90 0.86
NIAGARA___115KV_198_GIBSON 55903	39.34 -1.28 0.00	32.84 -1.22 0.00	31.13 -1.18 0.00	34.38 -1.34 0.00	32.28 -1.12 0.00	30.55 -0.99 0.00	27.76 -1.03 0.00	32.39 -1.68 0.00	27.81 -1.29 0.00	24.39 -0.78 0.00	27.17 -0.57 0.00	26.48 -0.21 0.00	25.65 -0.41 0.00	24.69 -0.49 0.00	32.68 -0.73 0.00	28.49 -0.78 0.00	34.33 -1.92 1.10	37.88 -2.99 0.00	49.00 -3.61 0.00	54.72 -3.63 0.00	39.90 -2.40 0.00	38.65 -2.44 0.00	34.57 -1.77 0.00	34.27 -0.96 0.00
NIAGARA____ 23760	39.18 -1.20 0.24	32.78 -1.15 0.13	31.19 -1.12 0.00	34.42 -1.26 0.04	32.35 -1.05 0.00	30.59 -0.92 0.02	27.56 -0.98 0.26	31.64 -1.59 0.85	21.17 -1.21 6.71	24.31 -0.72 0.13	27.24 -0.50 0.00	26.53 -0.16 0.00	25.71 -0.34 0.00	24.74 -0.44 0.00	32.73 -0.68 0.00	28.13 -0.72 0.42	34.47 -1.80 1.08	37.54 -2.67 0.66	48.51 -3.16 0.94	53.27 -3.11 1.98	39.34 -2.04 0.92	38.03 -2.12 0.93	33.81 -1.64 0.88	33.49 -0.90 0.84
NINE_MILE_1 23575	39.36 -1.26 0.00	32.99 -1.07 0.00	31.28 -1.03 0.00	34.58 -1.14 0.00	32.36 -1.04 0.00	30.55 -0.98 0.00	27.87 -0.93 0.00	32.91 -1.16 0.00	28.11 -0.98 0.00	24.32 -0.85 0.00	26.81 -0.93 0.00	25.81 -0.88 0.00	25.20 -0.85 0.00	24.36 -0.82 0.00	32.34 -1.07 0.00	28.36 -0.91 0.00	36.19 -1.16 0.00	39.57 -1.30 0.00	50.98 -1.63 0.00	55.34 -1.82 1.19	40.96 -1.34 0.00	39.73 -1.36 0.00	35.13 -1.20 0.00	34.08 -1.15 0.00
NINE_MILE_2 23744	39.36 -1.26 0.00	32.99 -1.07 0.00	31.29 -1.02 0.00	34.58 -1.14 0.00	32.36 -1.04 0.00	30.55 -0.98 0.00	27.87 -0.92 0.00	32.91 -1.16 0.00	28.11 -0.98 0.00	24.32 -0.85 0.00	26.82 -0.92 0.00	25.81 -0.87 0.00	25.20 -0.85 0.00	24.36 -0.82 0.00	32.34 -1.07 0.00	28.36 -0.91 0.00	36.19 -1.16 0.00	39.57 -1.30 0.00	50.98 -1.63 0.00	55.33 -1.82 1.20	40.96 -1.34 0.00	39.73 -1.36 0.00	35.13 -1.20 0.00	34.09 -1.14 0.00
NM_CAPITAL___DRP 24208	41.17 0.54 0.00	34.58 0.52 0.00	32.84 0.54 0.00	36.24 0.52 0.00	33.94 0.54 0.00	32.13 0.60 0.00	29.40 0.60 0.00	34.89 0.81 0.00	29.78 0.69 0.00	25.81 0.64 0.00	28.37 0.63 0.00	27.23 0.54 0.00	26.59 0.54 0.00	25.76 0.58 0.00	34.12 0.71 0.00	29.95 0.69 0.00	38.31 0.96 0.00	41.96 1.09 0.00	54.05 1.44 0.00	59.90 1.54 0.00	43.31 1.01 0.00	42.03 0.94 0.00	37.08 0.74 0.00	35.83 0.60 0.00
NM_CENTRAL___DRP 24181	40.06 -0.56 0.00	33.57 -0.49 0.00	31.82 -0.49 0.00	35.17 -0.54 0.00	32.92 -0.48 0.00	31.10 -0.44 0.00	28.38 -0.42 0.00	33.51 -0.56 0.00	28.64 -0.46 0.00	24.76 -0.41 0.00	27.30 -0.44 0.00	26.29 -0.40 0.00	25.68 -0.38 0.00	24.83 -0.35 0.00	33.00 -0.41 0.00	28.95 -0.31 0.00	36.97 -0.38 0.00	40.42 -0.45 0.00	52.08 -0.53 0.00	57.82 -0.58 -0.04	41.82 -0.48 0.00	40.55 -0.54 0.00	35.84 -0.50 0.00	34.74 -0.49 0.00

NM_FRONTIER___DRP 24179	39.34 -1.28 0.00	32.84 -1.22 0.00	31.13 -1.18 0.00	34.38 -1.34 0.00	32.28 -1.12 0.00	30.55 -0.99 0.00	27.76 -1.03 0.00	32.39 -1.68 0.00	27.81 -1.29 0.00	24.39 -0.78 0.00	27.17 -0.57 0.00	26.48 -0.21 0.00	25.65 -0.41 0.00	24.69 -0.49 0.00	32.68 -0.73 0.00	28.49 -0.78 0.00	34.33 -1.92 1.10	37.88 -2.99 0.00	49.00 -3.61 0.00	54.72 -3.63 0.00	39.90 -2.40 0.00	38.65 -2.44 0.00	34.57 -1.77 0.00	34.27 -0.96 0.00
NM_ST_REGIS___HYD 24053	41.40 0.78 0.00	34.66 0.60 0.00	32.84 0.53 0.00	36.37 0.65 0.00	33.94 0.54 0.00	31.97 0.44 0.00	29.20 0.40 0.00	34.50 0.42 0.00	29.27 0.18 0.00	25.05 -0.11 0.00	27.37 -0.37 0.00	26.31 -0.37 0.00	25.72 -0.33 0.00	24.98 -0.21 0.00	33.15 -0.26 0.00	29.00 -0.26 0.00	36.31 -0.35 0.69	36.19 -0.25 4.43	51.70 -0.36 0.55	56.78 -0.11 1.48	42.76 0.13 -0.33	41.44 0.34 0.00	36.81 0.48 0.00	35.75 0.52 0.00
NORTHPORT___1 23551	47.03 1.78 -4.63	44.92 1.65 -9.21	43.61 1.55 -9.76	45.71 1.77 -8.22	45.66 1.71 -10.55	45.68 1.66 -12.49	45.73 1.55 -15.38	41.16 2.01 -5.07	31.47 1.77 -0.62	26.76 1.60 0.00	29.42 1.68 0.00	28.26 1.58 0.00	27.58 1.53 0.00	26.79 1.61 0.00	35.44 2.04 0.00	22.65 1.34 7.95	25.01 1.75 14.10	28.04 1.99 14.82	33.18 2.37 21.80	36.22 2.53 24.66	27.53 1.71 16.47	28.63 1.78 14.24	37.83 1.50 0.00	36.52 1.29 0.00
NORTHPORT___2 23552	47.03 1.78 -4.63	44.92 1.65 -9.21	43.61 1.55 -9.76	45.71 1.77 -8.22	45.66 1.71 -10.55	45.68 1.66 -12.49	45.73 1.55 -15.38	41.16 2.01 -5.07	31.47 1.77 -0.62	26.76 1.60 0.00	29.42 1.68 0.00	28.26 1.58 0.00	27.58 1.53 0.00	26.79 1.61 0.00	35.44 2.04 0.00	22.65 1.34 7.95	25.01 1.75 14.10	28.04 1.99 14.82	33.18 2.37 21.80	36.22 2.53 24.66	27.53 1.71 16.47	28.63 1.78 14.24	37.83 1.50 0.00	36.52 1.29 0.00
NORTHPORT___3 23553	44.90 1.69 -2.59	44.88 1.56 -9.26	43.59 1.47 -9.81	45.66 1.68 -8.26	45.64 1.64 -10.60	45.66 1.57 -12.56	45.72 1.47 -15.45	41.10 1.93 -5.10	31.40 1.69 -0.62	26.71 1.54 0.00	29.37 1.63 0.00	28.22 1.53 0.00	27.54 1.49 0.00	26.75 1.57 0.00	35.40 2.00 0.00	21.99 1.30 8.57	10.01 1.69 29.03	12.27 1.91 30.52	10.01 2.29 44.90	10.01 2.43 50.78	10.01 1.63 33.92	13.46 1.68 29.32	37.77 1.44 0.00	36.46 1.23 0.00
NORTHPORT___4 23650	44.90 1.69 -2.59	44.88 1.56 -9.26	43.59 1.47 -9.81	45.66 1.68 -8.26	45.64 1.64 -10.60	45.66 1.57 -12.56	45.72 1.47 -15.45	41.10 1.93 -5.10	31.40 1.69 -0.62	26.71 1.54 0.00	29.37 1.63 0.00	28.22 1.53 0.00	27.54 1.49 0.00	26.75 1.57 0.00	35.40 2.00 0.00	21.99 1.30 8.57	10.01 1.69 29.03	12.27 1.91 30.52	10.01 2.29 44.90	10.01 2.43 50.78	10.01 1.63 33.92	13.46 1.68 29.32	37.77 1.44 0.00	36.46 1.23 0.00
NORTHPORT___IC 23718	47.03 1.78 -4.63	44.90 1.63 -9.21	43.60 1.54 -9.76	45.69 1.75 -8.22	45.65 1.70 -10.55	45.67 1.64 -12.49	45.71 1.54 -15.38	41.14 2.00 -5.07	31.45 1.74 -0.62	26.76 1.60 0.00	29.42 1.68 0.00	28.26 1.58 0.00	27.58 1.53 0.00	26.79 1.61 0.00	35.45 2.04 0.00	22.66 1.35 7.95	25.01 1.75 14.10	28.05 1.99 14.82	33.18 2.37 21.80	36.22 2.52 24.66	27.54 1.72 16.47	28.63 1.78 14.24	37.83 1.50 0.00	36.52 1.29 0.00
NORTH___COUNTRY_ESR 323785	40.66 0.04 0.00	34.00 -0.06 0.00	32.16 -0.14 0.00	35.70 -0.02 0.00	33.39 -0.01 0.00	31.49 -0.05 0.00	28.76 -0.04 0.00	33.92 -0.15 0.00	28.71 -0.38 0.00	24.76 -0.40 0.00	27.22 -0.52 0.00	26.22 -0.46 0.00	25.64 -0.41 0.00	24.89 -0.29 0.00	33.15 -0.26 0.00	28.89 -0.37 0.00	35.71 -0.78 0.87	34.47 -0.87 5.53	50.74 -1.18 0.69	55.00 -1.52 1.85	42.26 -1.01 -0.98	40.35 -0.75 0.00	36.17 -0.16 0.00	35.23 0.00 0.00
NPX_GEN_1385_PROXY 323591	47.30 2.06 -4.63	44.86 1.59 -9.21	43.35 1.28 -9.76	45.50 1.56 -8.22	45.39 1.44 -10.55	45.63 1.60 -12.49	43.30 1.72 -12.78	40.19 1.98 -4.13	31.81 2.11 -0.62	26.67 1.51 0.00	29.26 1.52 0.00	28.01 1.32 0.00	27.29 1.24 0.00	26.45 1.27 0.00	34.09 1.43 0.74	22.29 0.98 7.95	25.20 1.94 14.10	28.35 2.30 14.82	33.59 2.78 21.80	36.75 3.05 24.66	27.98 2.15 16.47	29.24 2.39 14.24	38.08 1.75 0.00	36.52 1.29 0.00
NPX_GEN_CSC 323557	48.15 1.85 -5.68	45.03 1.66 -9.31	43.70 1.53 -9.87	45.74 1.71 -8.31	45.72 1.65 -10.67	45.78 1.62 -12.63	43.28 1.54 -12.95	40.27 2.01 -4.19	31.40 1.69 -0.62	26.68 1.51 0.00	29.29 1.55 0.00	28.12 1.43 0.00	27.43 1.38 0.00	26.65 1.46 0.00	35.27 1.87 0.00	22.99 1.26 7.53	32.04 1.73 7.04	35.51 2.03 7.40	43.78 2.06 10.88	48.15 2.11 12.31	35.56 1.49 8.22	35.56 1.58 7.11	37.60 1.27 0.00	36.22 0.98 0.00
NSINS_S_GLNS_FALLS 23858	42.40 1.79 0.00	35.52 1.46 0.00	33.72 1.41 0.00	37.26 1.54 0.00	34.83 1.43 0.00	32.95 1.42 0.00	30.22 1.42 0.00	35.89 1.82 0.00	30.55 1.46 0.00	26.23 1.07 0.00	28.66 0.92 0.00	27.36 0.68 0.00	26.74 0.69 0.00	26.03 0.84 0.00	34.58 1.17 0.00	30.40 1.14 0.00	39.39 2.04 0.00	43.44 2.57 0.00	55.98 3.36 0.00	62.09 3.73 0.00	44.74 2.44 0.00	43.21 2.12 0.00	38.04 1.71 0.00	36.72 1.48 0.00
NUCOR_STEEL___DRP 24197	40.62 0.00 0.00	33.91 -0.15 0.00	32.22 -0.09 0.00	35.65 -0.07 0.00	33.39 -0.02 0.00	31.40 -0.13 0.00	28.63 -0.16 0.00	33.96 -0.11 0.00	28.89 -0.20 0.00	25.00 -0.17 0.00	27.47 -0.27 0.00	26.41 -0.28 0.00	25.90 -0.15 0.00	24.98 -0.20 0.00	33.24 -0.17 0.00	29.30 0.03 0.00	37.29 -0.06 0.00	40.86 -0.01 0.00	52.70 0.09 0.00	58.68 0.22 -0.11	42.32 0.02 0.00	40.98 -0.11 0.00	36.35 0.02 0.00	35.27 0.04 0.00
NUMBER_THREE_WT_PWR 323818	40.43 -0.18 0.00	34.00 -0.06 0.00	32.25 -0.06 0.00	35.59 -0.13 0.00	33.32 -0.08 0.00	31.35 -0.19 0.00	28.54 -0.26 0.00	33.68 -0.40 0.00	28.66 -0.43 0.00	24.41 -0.76 0.00	26.51 -1.23 0.00	25.35 -1.34 0.00	24.78 -1.27 0.00	23.90 -1.29 0.00	31.75 -1.66 0.00	28.27 -1.00 0.00	36.45 -0.73 0.16	39.34 -0.49 1.04	51.76 -0.72 0.13	57.56 -0.51 0.29	41.80 -0.50 0.00	40.76 -0.33 0.00	35.93 -0.40 0.00	34.58 -0.65 0.00
NYISO_LBMP_REFERENCE 24008	40.62 0.00 0.00	34.06 0.00 0.00	32.31 0.00 0.00	35.72 0.00 0.00	33.40 0.00 0.00	31.54 0.00 0.00	28.80 0.00 0.00	34.08 0.00 0.00	29.09 0.00 0.00	25.17 0.00 0.00	27.74 0.00 0.00	26.68 0.00 0.00	26.05 0.00 0.00	25.18 0.00 0.00	33.41 0.00 0.00	29.26 0.00 0.00	37.35 0.00 0.00	40.87 0.00 0.00	52.61 0.00 0.00	58.36 0.00 0.00	42.30 0.00 0.00	41.09 0.00 0.00	36.33 0.00 0.00	35.23 0.00 0.00
NYPA_BRENTWD____GT 24164	48.80 2.15 -6.03	45.77 2.09 -9.62	44.45 1.94 -10.19	46.49 2.19 -8.59	46.52 2.11 -11.02	46.62 2.04 -13.05	46.77 1.91 -16.06	41.82 2.45 -5.30	31.80 2.07 -0.64	27.03 1.87 0.00	29.71 1.96 0.00	28.54 1.85 0.00	27.84 1.79 0.00	27.03 1.85 0.00	35.79 2.39 0.00	23.78 1.69 7.17	33.46 2.19 6.08	37.00 2.52 6.39	46.27 3.06 9.40	51.05 3.33 10.63	37.48 2.29 7.10	37.28 2.33 6.14	38.39 2.05 0.00	37.00 1.76 0.00

NYPA_GOWANUS____GT5 24156	42.61	35.82	33.85	37.41	35.06	33.14	30.39	36.16	30.94	26.90	29.68	28.59	27.99	27.20	36.07	31.50	40.01	43.59	56.17	62.27	44.93	43.76	38.69	37.33
	1.99	1.76	1.55	1.70	1.66	1.61	1.59	2.09	1.86	1.74	1.94	1.91	1.94	2.02	2.66	2.23	2.66	2.72	3.55	3.91	2.63	2.67	2.36	2.09
	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
NYPA_GOWANUS____GT6 24157	42.61	35.82	33.85	37.41	35.06	33.14	30.39	36.16	30.94	26.90	29.68	28.59	27.99	27.20	36.07	31.50	40.01	43.59	56.17	62.27	44.93	43.76	38.69	37.33
	1.99	1.76	1.55	1.70	1.66	1.61	1.59	2.09	1.86	1.74	1.94	1.91	1.94	2.02	2.66	2.23	2.66	2.72	3.55	3.91	2.63	2.67	2.36	2.09
	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
NYPA_HARLEM__RVR__GT1 24160	42.42	35.59	33.67	37.23	34.88	32.98	30.25	35.99	30.79	26.76	29.52	28.42	27.84	27.04	35.92	31.43	39.90	43.47	56.03	62.13	44.84	43.69	38.58	37.23
	1.80	1.54	1.38	1.53	1.50	1.45	1.45	1.91	1.70	1.59	1.78	1.74	1.79	1.85	2.51	2.17	2.55	2.60	3.42	3.77	2.54	2.60	2.25	1.99
	0.00	0.01	0.02	0.02	0.02	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
NYPA_HARLEM__RVR__GT2 24161	42.42	35.59	33.67	37.23	34.88	32.98	30.25	35.99	30.79	26.76	29.52	28.42	27.84	27.04	35.92	31.43	39.90	43.47	56.03	62.13	44.84	43.69	38.58	37.23
	1.80	1.54	1.38	1.53	1.50	1.45	1.45	1.91	1.70	1.59	1.78	1.74	1.79	1.85	2.51	2.17	2.55	2.60	3.42	3.77	2.54	2.60	2.25	1.99
	0.00	0.01	0.02	0.02	0.02	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
NYPA_KENT____GT 24152	42.60	35.82	33.86	37.41	35.06	33.14	30.39	36.16	30.94	26.89	29.68	28.59	27.98	27.18	36.04	31.47	39.98	43.53	56.06	62.15	44.84	43.69	38.63	37.30
	1.98	1.75	1.55	1.70	1.66	1.61	1.59	2.09	1.85	1.73	1.93	1.90	1.93	2.00	2.63	2.21	2.63	2.66	3.45	3.79	2.54	2.60	2.30	2.06
	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
NYPA_POUCH1____GT 24155	42.52	35.77	33.79	37.35	35.01	33.08	30.34	36.10	30.89	26.84	29.62	28.53	27.93	27.13	35.99	31.42	39.90	43.47	56.00	62.10	44.81	43.66	38.65	37.26
	1.90	1.71	1.49	1.63	1.61	1.55	1.54	2.03	1.80	1.68	1.87	1.84	1.88	1.95	2.58	2.16	2.55	2.60	3.38	3.74	2.51	2.57	2.31	2.03
	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
NYPA_VERNON____GT2 24162	42.58	35.80	33.86	37.42	35.07	33.14	30.39	36.16	30.94	26.89	29.67	28.57	27.96	27.17	36.02	31.44	39.95	43.50	56.00	62.09	44.79	43.62	38.56	37.26
	1.96	1.74	1.55	1.70	1.66	1.61	1.59	2.08	1.85	1.73	1.93	1.89	1.91	1.99	2.61	2.18	2.60	2.63	3.39	3.73	2.49	2.53	2.23	2.03
	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
NYPA_VERNON____GT3 24163	42.58	35.80	33.86	37.42	35.07	33.14	30.39	36.16	30.94	26.89	29.67	28.57	27.96	27.17	36.02	31.44	39.95	43.50	56.00	62.09	44.79	43.62	38.56	37.26
	1.96	1.74	1.55	1.70	1.66	1.61	1.59	2.08	1.85	1.73	1.93	1.89	1.91	1.99	2.61	2.18	2.60	2.63	3.39	3.73	2.49	2.53	2.23	2.03
	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
NYPA____ASTORIA_CC1 323568	42.54	35.77	33.84	37.39	35.04	33.12	30.37	36.13	30.91	26.87	29.65	28.55	27.95	27.15	35.98	31.41	39.90	43.43	55.91	62.00	44.73	43.55	38.51	37.24
	1.92	1.72	1.53	1.67	1.64	1.59	1.57	2.05	1.82	1.71	1.91	1.86	1.90	1.97	2.58	2.16	2.55	2.56	3.29	3.64	2.43	2.46	2.18	2.00
	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	0.00
NYPA____ASTORIA_CC2 323569	42.54	35.77	33.84	37.39	35.04	33.12	30.37	36.13	30.91	26.87	29.65	28.55	27.95	27.15	35.98	31.41	39.90	43.43	55.91	62.00	44.73	43.55	38.51	37.24
	1.92	1.72	1.53	1.67	1.64	1.59	1.57	2.05	1.82	1.71	1.91	1.86	1.90	1.97	2.58	2.16	2.55	2.56	3.29	3.64	2.43	2.46	2.18	2.00
	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	0.00
NYPA____HOLTSVILL 23794	48.28	45.18	43.84	45.90	45.87	45.92	45.99	41.37	31.55	26.81	29.46	28.29	27.60	26.81	35.47	23.10	31.82	35.23	43.46	47.87	35.41	35.48	37.86	36.48
	2.05	1.83	1.68	1.89	1.83	1.78	1.68	2.18	1.84	1.65	1.72	1.60	1.55	1.62	2.07	1.40	1.87	2.13	2.28	2.45	1.75	1.85	1.52	1.25
	-5.61	-9.29	-9.85	-8.29	-10.64	-12.60	-15.51	-5.12	-0.62	0.00	0.00	0.00	0.00	0.00	0.00	7.57	7.40	7.77	11.43	12.93	8.64	7.47	0.00	0.00
NYPA____HELLGATE_GT1 24158	42.42	35.61	33.69	37.24	34.89	32.99	30.25	35.99	30.79	26.76	29.52	28.42	27.84	27.04	35.92	31.43	39.91	43.54	56.12	62.22	44.91	43.70	38.58	37.23
	1.80	1.54	1.38	1.53	1.50	1.45	1.45	1.91	1.70	1.59	1.78	1.74	1.79	1.85	2.51	2.17	2.56	2.67	3.51	3.86	2.61	2.61	2.25	1.99
	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
NYPA____HELLGATE_GT2 24159	42.42	35.61	33.69	37.24	34.89	32.99	30.25	35.99	30.79	26.76	29.52	28.42	27.84	27.04	35.92	31.43	39.91	43.54	56.12	62.22	44.91	43.70	38.58	37.23
	1.80	1.54	1.38	1.53	1.50	1.45	1.45	1.91	1.70	1.59	1.78	1.74	1.79	1.85	2.51	2.17	2.56	2.67	3.51	3.86	2.61	2.61	2.25	1.99
	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
NYS_BARGE____HYD 23848	39.44	32.99	31.37	34.62	32.53	30.77	27.72	31.80	22.00	24.43	27.36	26.64	25.85	24.88	32.92	28.36	34.80	37.81	48.94	53.85	39.71	38.33	34.05	33.70
	-0.97	-0.95	-0.94	-1.07	-0.87	-0.74	-0.85	-1.52	-1.11	-0.62	-0.38	-0.05	-0.20	-0.30	-0.49	-0.53	-1.50	-2.47	-2.84	-2.76	-1.78	-1.93	-1.50	-0.79
	0.21	0.11	0.00	0.03	0.00	0.02	0.23	0.76	5.98	0.12	0.00	0.00	0.00	0.00	0.00	0.37	1.05	0.58	0.83	1.75	0.82	0.83	0.79	0.75
OAK ORCHARD____HYD 24046	40.19	33.63	31.93	35.25	33.04	31.23	28.38	33.16	25.79	24.88	27.61	26.75	26.13	25.20	33.45	29.10	37.00	39.93	51.60	56.97	41.52	40.15	35.51	34.70
	-0.32	-0.38	-0.38	-0.45	-0.36	-0.30	-0.31	-0.56	-0.42	-0.23	-0.13	0.07	0.08	0.02	0.04	0.02	-0.35	-0.66	-0.62	-0.54	-0.38	-0.55	-0.44	-0.17
	0.10	0.05	0.00	0.02	0.00	0.01	0.11	0.36	2.89	0.06	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.28	0.40	0.84	0.39	0.40	0.38	0.36

OAKDALE___35_KV_LOAD 356122	40.63 0.01 0.00	34.00 -0.06 0.00	32.20 -0.11 0.00	35.63 -0.09 0.00	33.33 -0.07 0.00	31.44 -0.10 0.00	28.72 -0.08 0.00	33.97 -0.10 0.00	29.11 0.02 0.00	25.20 0.03 0.00	27.92 0.17 0.00	26.89 0.20 0.00	26.20 0.14 0.00	25.33 0.14 0.00	33.60 0.19 0.00	29.38 0.12 0.00	37.52 0.18 0.00	40.90 0.03 0.00	52.64 0.03 0.00	58.54 0.18 0.00	42.33 0.03 0.00	41.14 0.05 0.00	36.43 0.10 0.00	35.37 0.14 0.00
OCC_CHEM___DRP 24175	39.39 -1.23 0.00	32.88 -1.18 0.00	31.17 -1.14 0.00	34.42 -1.30 0.00	32.32 -1.09 0.00	30.59 -0.95 0.00	27.80 -1.00 0.00	32.43 -1.65 0.00	27.84 -1.25 0.00	24.42 -0.74 0.00	27.21 -0.53 0.00	26.51 -0.18 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.53 -0.73 0.00	34.37 -1.87 1.11	37.95 -2.92 0.00	49.09 -3.52 0.00	54.83 -3.53 0.00	39.98 -2.32 0.00	38.72 -2.37 0.00	34.61 -1.72 0.00	34.32 -0.92 0.00
OH_GEN_PROXY 24063	39.17 -1.19 0.26	32.78 -1.15 0.14	31.20 -1.11 0.00	34.43 -1.25 0.04	32.35 -1.05 0.00	30.58 -0.93 0.03	24.95 -0.97 2.87	30.66 -1.54 1.87	20.59 -1.16 7.34	24.33 -0.68 0.15	27.27 -0.47 0.00	26.56 -0.13 0.00	25.74 -0.31 0.00	24.77 -0.41 0.00	32.77 -0.64 0.00	28.12 -0.69 0.45	34.63 -1.73 0.99	37.58 -2.57 0.72	48.59 -3.00 1.02	53.27 -2.94 2.15	39.34 -1.96 1.00	38.04 -2.04 1.01	33.77 -1.59 0.97	33.43 -0.88 0.92
OLIN_CORP_DRP 24177	39.26 -1.36 0.00	32.79 -1.27 0.00	31.08 -1.23 0.00	34.33 -1.39 0.00	32.25 -1.15 0.00	30.52 -1.01 0.00	27.68 -1.12 0.00	32.17 -1.91 0.00	27.65 -1.44 0.00	24.31 -0.86 0.00	27.13 -0.61 0.00	26.43 -0.25 0.00	25.61 -0.44 0.00	24.66 -0.52 0.00	32.62 -0.79 0.00	28.44 -0.82 0.00	34.32 -1.92 1.12	37.83 -3.04 0.00	49.02 -3.60 0.00	54.70 -3.66 0.00	39.91 -2.39 0.00	38.60 -2.49 0.00	34.34 -1.99 0.00	34.00 -1.24 0.00
OLIN_CORP_DSASP 323712	39.16 -1.22 0.24	32.75 -1.18 0.13	31.17 -1.14 0.00	34.38 -1.30 0.04	32.31 -1.09 0.00	30.56 -0.95 0.02	27.53 -1.01 0.26	31.58 -1.63 0.87	20.99 -1.25 6.86	24.28 -0.74 0.14	27.21 -0.53 0.00	26.51 -0.17 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.11 -0.73 0.42	34.37 -1.87 1.11	37.28 -2.92 0.67	48.13 -3.53 0.95	52.86 -3.49 2.01	39.06 -2.30 0.93	37.78 -2.37 0.95	33.72 -1.71 0.90	33.46 -0.91 0.86
ONEIDA_HERK_LFGE 323681	40.97 0.36 0.00	34.38 0.32 0.00	32.61 0.30 0.00	36.03 0.32 0.00	33.73 0.33 0.00	31.83 0.29 0.00	29.03 0.23 0.00	34.34 0.26 0.00	29.26 0.17 0.00	25.08 -0.08 0.00	27.44 -0.30 0.00	26.34 -0.35 0.00	25.72 -0.33 0.00	24.83 -0.35 0.00	32.98 -0.43 0.00	29.19 -0.08 0.00	37.58 0.28 0.04	41.06 0.46 0.27	53.14 0.56 0.03	59.00 0.73 0.09	42.73 0.43 0.00	41.51 0.42 0.00	36.61 0.28 0.00	35.36 0.12 0.00
ONEIDA___115KV_TB4 55905	41.21 0.60 0.00	34.55 0.49 0.00	32.78 0.48 0.00	36.25 0.53 0.00	33.94 0.54 0.00	32.07 0.54 0.00	29.29 0.50 0.00	34.68 0.60 0.00	29.56 0.48 0.00	25.37 0.20 0.00	27.81 0.06 0.00	26.74 0.06 0.00	26.12 0.07 0.00	25.23 0.05 0.00	33.54 0.13 0.00	29.66 0.39 0.00	38.16 0.81 0.00	41.84 0.97 0.00	53.87 1.25 0.00	59.79 1.44 0.00	43.24 0.94 0.00	41.90 0.81 0.00	36.96 0.63 0.00	35.77 0.54 0.00
ONONDAGA_REF_OCCRA 23987	40.31 -0.31 0.00	33.78 -0.28 0.00	32.01 -0.30 0.00	35.39 -0.33 0.00	33.11 -0.30 0.00	31.27 -0.26 0.00	28.55 -0.25 0.00	33.73 -0.34 0.00	28.81 -0.28 0.00	24.88 -0.29 0.00	27.44 -0.30 0.00	26.41 -0.28 0.00	25.80 -0.26 0.00	24.95 -0.23 0.00	33.17 -0.24 0.00	29.11 -0.15 0.00	37.22 -0.13 0.00	40.70 -0.17 0.00	52.47 -0.14 0.00	58.25 -0.15 -0.04	42.12 -0.18 0.00	40.84 -0.25 0.00	36.09 -0.25 0.00	34.98 -0.26 0.00
ONONDAGA___COGEN 23986	40.27 -0.35 0.00	33.73 -0.33 0.00	31.98 -0.33 0.00	35.35 -0.36 0.00	33.09 -0.31 0.00	31.23 -0.30 0.00	28.51 -0.29 0.00	33.69 -0.39 0.00	28.74 -0.35 0.00	24.84 -0.32 0.00	27.38 -0.36 0.00	26.35 -0.33 0.00	25.77 -0.28 0.00	24.93 -0.26 0.00	33.13 -0.28 0.00	29.08 -0.18 0.00	37.15 -0.20 0.00	40.63 -0.24 0.00	52.37 -0.24 0.00	58.22 -0.26 -0.13	42.04 -0.26 0.00	40.76 -0.33 0.00	36.04 -0.29 0.00	34.93 -0.30 0.00
ONTARIO___LFGE 23819	40.39 -0.23 0.00	33.81 -0.25 0.00	31.99 -0.32 0.00	35.39 -0.32 0.00	33.13 -0.27 0.00	31.28 -0.25 0.00	28.58 -0.22 0.00	33.63 -0.45 0.00	28.83 -0.26 0.00	24.91 -0.25 0.00	27.50 -0.24 0.00	26.47 -0.22 0.00	25.82 -0.23 0.00	24.99 -0.19 0.00	33.27 -0.14 0.00	29.14 -0.12 0.00	37.63 -0.32 -0.60	40.38 -0.49 0.00	52.23 -0.39 0.00	58.21 -0.20 -0.05	42.07 -0.23 0.00	40.87 -0.22 0.00	36.29 -0.04 0.00	35.29 0.05 0.00
ORANGEVILLE_WT_PWR 323706	38.90 -1.65 0.07	32.54 -1.48 0.04	30.78 -1.53 0.00	34.01 -1.70 0.01	31.89 -1.51 0.00	30.09 -1.44 0.01	27.33 -1.39 0.08	31.76 -2.06 0.25	25.48 -1.59 2.02	23.96 -1.16 0.04	26.76 -0.98 0.00	25.89 -0.79 0.00	24.99 -1.06 0.00	24.00 -1.19 0.00	31.92 -1.49 0.00	27.76 -1.38 0.12	30.13 -2.36 4.86	37.79 -2.88 0.20	49.38 -2.96 0.28	55.44 -2.33 0.59	40.31 -1.71 0.27	39.10 -1.72 0.28	34.86 -1.21 0.26	34.33 -0.65 0.25
ORANGEVILLE___ESR 323794	38.90 -1.65 0.07	32.54 -1.48 0.04	30.78 -1.53 0.00	34.01 -1.70 0.01	31.89 -1.51 0.00	30.09 -1.44 0.01	27.33 -1.39 0.08	31.76 -2.06 0.25	25.48 -1.59 2.02	23.96 -1.16 0.04	26.76 -0.98 0.00	25.89 -0.79 0.00	24.99 -1.06 0.00	24.00 -1.19 0.00	31.92 -1.49 0.00	27.76 -1.38 0.12	30.13 -2.36 4.86	37.79 -2.88 0.20	49.38 -2.96 0.28	55.44 -2.33 0.59	40.31 -1.71 0.27	39.10 -1.72 0.28	34.86 -1.21 0.26	34.33 -0.65 0.25
OSWEGATCHIE___HYD 24044	40.98 0.36 0.00	34.37 0.31 0.00	32.60 0.30 0.00	36.02 0.30 0.00	33.66 0.26 0.00	31.69 0.15 0.00	28.89 0.10 0.00	34.12 0.05 0.00	28.99 -0.10 0.00	24.73 -0.44 0.00	26.91 -0.83 0.00	25.79 -0.89 0.00	25.22 -0.84 0.00	24.40 -0.78 0.00	32.38 -1.03 0.00	28.59 -0.67 0.00	36.32 -0.60 0.44	37.79 -0.29 2.78	51.77 -0.50 0.35	57.24 -0.24 0.88	42.19 -0.11 0.00	41.24 0.14 0.00	36.44 0.11 0.00	35.22 -0.02 0.00
OSWEGO___5 23606	39.64 -0.97 0.00	33.22 -0.84 0.00	31.51 -0.80 0.00	34.83 -0.89 0.00	32.59 -0.81 0.00	30.77 -0.76 0.00	28.07 -0.73 0.00	33.17 -0.91 0.00	28.32 -0.77 0.00	24.50 -0.67 0.00	27.02 -0.72 0.00	26.01 -0.68 0.00	25.39 -0.66 0.00	24.54 -0.64 0.00	32.59 -0.82 0.00	28.57 -0.69 0.00	36.46 -0.89 0.00	39.89 -0.98 0.00	51.38 -1.23 0.00	57.76 -1.36 -0.76	41.29 -1.01 0.00	40.05 -1.04 0.00	35.42 -0.92 0.00	34.35 -0.88 0.00
OSWEGO___6 23613	39.64 -0.97 0.00	33.22 -0.84 0.00	31.51 -0.80 0.00	34.83 -0.89 0.00	32.59 -0.81 0.00	30.77 -0.76 0.00	28.07 -0.73 0.00	33.17 -0.91 0.00	28.32 -0.77 0.00	24.50 -0.67 0.00	27.02 -0.72 0.00	26.01 -0.68 0.00	25.39 -0.66 0.00	24.54 -0.64 0.00	32.59 -0.82 0.00	28.57 -0.69 0.00	36.46 -0.89 0.00	39.89 -0.98 0.00	51.38 -1.23 0.00	57.76 -1.36 -0.76	41.29 -1.01 0.00	40.05 -1.04 0.00	35.42 -0.92 0.00	34.35 -0.88 0.00

OUTOKUMPU-AB___DRP 24206	39.85 -0.76 0.00	33.27 -0.79 0.00	31.50 -0.80 0.00	34.80 -0.92 0.00	32.67 -0.73 0.00	30.91 -0.63 0.00	28.09 -0.70 0.00	32.79 -1.29 0.00	28.16 -0.92 0.00	24.69 -0.47 0.00	27.53 -0.21 0.00	26.80 0.12 0.00	25.97 -0.08 0.00	25.00 -0.18 0.00	33.12 -0.29 0.00	28.90 -0.36 0.00	34.87 -1.31 1.16	38.67 -2.20 0.00	50.12 -2.50 0.00	55.98 0.00 0.00	40.75 -1.55 0.00	39.45 -1.64 0.00	35.16 -1.18 0.00	34.74 -0.49 0.00
OXBOW___BTM 323836	39.36 -1.02 0.24	32.92 -1.01 0.13	31.31 -1.00 0.00	34.54 -1.14 0.04	32.46 -0.94 0.00	30.70 -0.81 0.02	27.66 -0.87 0.26	31.74 -1.47 0.87	21.14 -1.10 6.85	24.40 -0.62 0.14	27.35 -0.39 0.00	26.65 -0.04 0.00	25.82 -0.23 0.00	24.85 -0.33 0.00	32.91 -0.50 0.00	28.29 -0.55 0.42	34.63 -1.59 1.14	37.63 -2.57 0.67	48.64 -3.02 0.95	53.42 -2.93 2.00	39.44 -1.92 0.93	38.12 -2.02 0.95	33.97 -1.47 0.90	33.66 -0.72 0.86
OXBOW___ 24026	39.60 -1.02 0.00	33.06 -1.00 0.00	31.31 -1.00 0.00	34.58 -1.14 0.00	32.46 -0.94 0.00	30.72 -0.81 0.00	27.93 -0.87 0.00	32.58 -1.49 0.00	27.98 -1.11 0.00	24.54 -0.63 0.00	27.35 -0.39 0.00	26.65 -0.04 0.00	25.82 -0.23 0.00	24.85 -0.33 0.00	32.91 -0.50 0.00	28.71 -0.55 0.00	34.62 -1.60 1.14	38.30 -2.57 0.00	49.60 -3.01 0.00	55.39 -2.97 0.00	40.35 -1.94 0.00	39.07 -2.02 0.00	34.86 -1.47 0.00	34.51 -0.72 0.00
OXY_CHEM_DSASP 323612	39.39 -1.23 0.00	32.88 -1.18 0.00	31.17 -1.14 0.00	34.42 -1.30 0.00	32.32 -1.09 0.00	30.59 -0.95 0.00	27.80 -1.00 0.00	32.43 -1.65 0.00	27.84 -1.25 0.00	24.42 -0.74 0.00	27.21 -0.53 0.00	26.51 -0.18 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.53 -0.73 0.00	34.37 -1.87 1.11	37.95 -2.92 0.00	49.09 -3.52 0.00	54.83 -3.53 0.00	39.98 -2.32 0.00	38.72 -2.37 0.00	34.61 -1.72 0.00	34.32 -0.92 0.00
OZONE_PARK_ESR 323760	42.84 2.22 0.00	35.96 1.90 0.00	34.01 1.70 0.00	37.57 1.85 0.00	35.20 1.80 0.00	33.28 1.74 0.00	30.52 1.72 0.00	36.33 2.25 0.00	31.09 2.00 0.00	27.03 1.87 0.00	29.83 2.09 0.00	28.73 2.05 0.00	28.11 2.06 0.00	27.33 2.15 0.00	36.24 2.83 0.00	31.64 2.38 0.00	40.25 2.90 0.00	43.91 3.04 0.00	56.54 3.93 0.00	62.67 4.31 0.00	45.19 2.89 0.00	43.98 2.88 0.00	38.83 2.50 0.00	37.49 2.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.39 -1.23 0.00	32.88 -1.18 0.00	31.17 -1.14 0.00	34.42 -1.30 0.00	32.32 -1.09 0.00	30.59 -0.95 0.00	27.80 -1.00 0.00	32.43 -1.65 0.00	27.84 -1.25 0.00	24.42 -0.74 0.00	27.21 -0.53 0.00	26.51 -0.18 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.53 -0.73 0.00	34.37 -1.87 1.11	37.95 -2.92 0.00	49.09 -3.52 0.00	54.83 -3.53 0.00	39.98 -2.32 0.00	38.72 -2.37 0.00	34.61 -1.72 0.00	34.32 -0.92 0.00
PACKARD__115KV_DUPONT_184 80571	39.16 -1.22 0.24	32.75 -1.18 0.13	31.17 -1.14 0.00	34.38 -1.30 0.04	32.31 -1.09 0.00	30.56 -0.95 0.02	27.53 -1.01 0.26	31.58 -1.63 0.87	20.99 -1.25 6.86	24.28 -0.74 0.14	27.21 -0.53 0.00	26.51 -0.17 0.00	25.68 -0.37 0.00	24.72 -0.46 0.00	32.72 -0.69 0.00	28.11 -0.73 0.42	34.37 -1.87 1.11	37.28 -2.92 0.67	48.13 -3.53 0.95	52.86 -3.49 2.01	39.06 -2.30 0.93	37.78 -2.37 0.95	33.72 -1.71 0.90	33.46 -0.91 0.86
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.47 1.85 0.00	35.70 1.64 0.00	33.78 1.47 0.00	37.33 1.61 0.00	34.99 1.59 0.00	33.06 1.53 0.00	30.31 1.51 0.00	36.04 1.97 0.00	30.83 1.74 0.00	26.79 1.63 0.00	29.56 1.82 0.00	28.46 1.77 0.00	27.87 1.81 0.00	27.05 1.87 0.00	35.87 2.46 0.00	31.38 2.11 0.00	39.84 2.49 0.00	43.46 2.59 0.00	56.01 3.40 0.00	62.11 3.75 0.00	44.83 2.54 0.00	43.61 2.52 0.00	38.52 2.18 0.00	37.17 1.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.22 2.61 0.00	36.35 2.29 0.00	34.40 2.10 0.00	38.05 2.33 0.00	35.67 2.27 0.00	33.74 2.21 0.00	30.91 2.12 0.00	36.72 2.65 0.00	31.41 2.32 0.00	27.31 2.15 0.00	30.13 2.39 0.00	29.01 2.32 0.00	28.39 2.34 0.00	27.54 2.36 0.00	36.54 3.13 0.00	31.96 2.70 0.00	40.59 3.24 0.00	44.26 3.39 0.00	57.07 4.45 0.00	63.27 4.91 0.00	45.67 3.37 0.00	44.42 3.33 0.00	39.23 2.89 0.00	37.86 2.63 0.00
PATROON__115KV_TB1 80586	41.16 0.53 0.00	34.57 0.50 0.00	32.83 0.52 0.00	36.23 0.51 0.00	33.94 0.54 0.00	32.13 0.60 0.00	29.41 0.61 0.00	34.89 0.81 0.00	29.79 0.71 0.00	25.81 0.64 0.00	28.37 0.63 0.00	27.23 0.54 0.00	26.60 0.55 0.00	25.78 0.60 0.00	34.15 0.74 0.00	30.01 0.74 0.00	38.35 1.00 0.00	42.03 1.16 0.00	54.12 1.50 0.00	59.96 1.60 0.00	43.35 1.05 0.00	42.06 0.97 0.00	37.09 0.76 0.00	35.84 0.61 0.00
PATTRSNVILLE___SOLAR 323815	41.53 0.91 0.00	34.83 0.77 0.00	33.05 0.74 0.00	36.51 0.79 0.00	34.16 0.76 0.00	32.28 0.74 0.00	29.52 0.72 0.00	35.00 0.92 0.00	29.77 0.68 0.00	25.59 0.43 0.00	28.16 0.42 0.00	27.05 0.36 0.00	26.44 0.39 0.00	25.56 0.38 0.00	33.79 0.39 0.00	29.65 0.39 0.00	38.16 0.81 0.00	42.09 1.22 0.00	54.27 1.65 0.00	60.16 1.81 0.00	43.56 1.26 0.00	42.24 1.15 0.00	37.26 0.92 0.00	36.05 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.79 -0.83 0.00	33.18 -0.88 0.00	31.39 -0.92 0.00	34.72 -1.00 0.00	32.56 -0.84 0.00	30.77 -0.77 0.00	28.03 -0.77 0.00	32.86 -1.22 0.00	28.23 -0.86 0.00	24.69 -0.48 0.00	27.54 -0.20 0.00	26.76 0.08 0.00	25.93 -0.12 0.00	24.95 -0.24 0.00	33.01 -0.40 0.00	28.81 -0.45 0.00	34.92 -1.26 1.17	38.98 -1.89 0.00	50.58 -2.04 0.00	56.58 -1.78 0.00	41.04 -1.26 0.00	39.76 -1.33 0.00	35.34 -0.99 0.00	34.81 -0.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.58 1.96 0.00	35.71 1.65 0.00	33.81 1.50 0.00	37.35 1.63 0.00	34.99 1.59 0.00	33.09 1.55 0.00	30.34 1.55 0.00	36.11 2.04 0.00	30.88 1.79 0.00	26.80 1.64 0.00	29.57 1.82 0.00	28.41 1.73 0.00	27.79 1.74 0.00	26.98 1.79 0.00	35.77 2.37 0.00	31.25 1.99 0.00	39.91 2.56 0.00	43.63 2.76 0.00	56.25 3.64 0.00	62.31 3.95 0.00	44.96 2.66 0.00	43.68 2.59 0.00	38.53 2.20 0.00	37.17 1.94 0.00
PEEKSKILL___ 23653	42.27 1.65 0.00	35.47 1.41 0.00	33.55 1.24 0.00	37.09 1.37 0.00	34.76 1.36 0.00	32.85 1.32 0.00	30.12 1.32 0.00	35.83 1.76 0.00	30.63 1.54 0.00	26.60 1.43 0.00	29.33 1.59 0.00	28.23 1.55 0.00	27.61 1.56 0.00	26.83 1.64 0.00	35.58 2.18 0.00	31.06 1.80 0.00	39.63 2.28 0.00	43.30 2.43 0.00	55.75 3.14 0.00	61.78 3.42 0.00	44.54 2.24 0.00	43.35 2.26 0.00	38.26 1.93 0.00	36.92 1.69 0.00
PGE MADISON___WINDPWR 24146	41.60 0.99 0.00	34.82 0.76 0.00	32.92 0.61 0.00	36.26 0.54 0.00	33.93 0.53 0.00	31.88 0.34 0.00	29.18 0.39 0.00	34.57 0.49 0.00	29.46 0.38 0.00	25.11 -0.05 0.00	27.62 -0.12 0.00	26.53 -0.15 0.00	25.76 -0.29 0.00	24.70 -0.48 0.00	32.67 -0.73 0.00	29.12 -0.14 0.00	37.90 0.33 -0.21	41.65 0.78 0.00	54.07 1.45 0.00	60.64 2.28 0.00	43.60 1.30 0.00	42.14 1.05 0.00	37.10 0.77 0.00	35.92 0.68 0.00

PIERCEFIELD___HYD 23852	41.40 0.78 0.00	34.68 0.62 0.00	32.87 0.56 0.00	36.38 0.66 0.00	33.93 0.53 0.00	31.96 0.43 0.00	29.18 0.38 0.00	34.48 0.40 0.00	29.28 0.19 0.00	25.04 -0.13 0.00	27.33 -0.42 0.00	26.26 -0.42 0.00	25.67 -0.38 0.00	24.93 -0.25 0.00	33.05 -0.36 0.00	28.96 -0.30 0.00	36.36 -0.33 0.66	36.41 -0.24 4.22	51.70 -0.38 0.53	56.92 -0.03 1.41	42.51 0.21 0.00	41.51 0.42 0.00	36.81 0.47 0.00	35.72 0.49 0.00
PINELAWN_CC_1 323563	50.20 2.20 -7.38	46.59 1.97 -10.56	45.31 1.81 -11.19	47.16 2.02 -9.42	47.44 1.95 -12.09	47.74 1.89 -14.32	48.22 1.80 -17.62	42.20 2.31 -5.81	31.71 1.91 -0.71	26.88 1.72 0.00	29.57 1.82 0.00	28.38 1.70 0.00	27.70 1.65 0.00	26.90 1.72 0.00	35.64 2.24 0.00	24.84 1.59 6.02	38.26 2.11 1.20	42.03 2.43 1.26	53.78 3.03 1.86	59.50 3.25 2.10	43.09 2.20 1.41	42.10 2.22 1.22	38.25 1.92 0.00	36.89 1.66 0.00
PJM_GEN_HTTP_PROXY 323702	42.51 1.89 0.00	35.69 1.63 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.51 0.00	30.30 1.51 0.00	36.06 1.98 0.00	30.85 1.76 0.00	26.81 1.65 0.00	29.58 1.84 0.00	28.48 1.80 0.00	27.87 1.82 0.00	27.11 1.92 0.00	35.95 2.54 0.00	31.37 2.10 0.00	39.60 2.56 0.32	43.53 2.67 0.00	56.04 3.42 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.59 2.50 0.00	38.49 2.16 0.00	37.16 1.93 0.00
PJM_GEN_KEystone 24065	40.69 0.31 0.24	34.14 0.20 0.13	32.40 0.09 0.00	35.84 0.16 0.04	33.62 0.22 0.00	31.69 0.18 0.02	28.75 0.21 0.26	33.53 0.30 0.85	22.76 0.39 6.72	25.53 0.50 0.13	28.46 0.72 0.00	27.48 0.80 0.00	26.79 0.74 0.00	25.90 0.72 0.00	34.29 0.88 0.00	29.47 0.62 0.41	37.39 0.62 0.58	40.61 0.39 0.66	52.25 0.57 0.94	57.27 0.80 1.89	41.78 0.40 0.92	40.61 0.45 0.93	35.94 0.49 0.88	34.98 0.55 0.80
PJM_GEN_NEPTUNE_PROXY 323594	48.81 1.99 -6.20	44.48 1.74 -8.68	43.10 1.60 -9.19	45.24 1.78 -7.75	45.07 1.73 -9.94	44.98 1.68 -11.77	44.88 1.61 -14.48	40.93 2.08 -4.78	31.30 1.63 -0.58	26.66 1.50 0.00	29.35 1.61 0.00	28.22 1.53 0.00	27.57 1.52 0.00	26.78 1.60 0.00	35.48 2.08 0.00	22.92 1.50 7.84	38.98 1.95 0.32	43.02 2.15 0.00	55.26 2.64 0.00	61.17 2.81 0.00	44.18 1.88 0.00	43.01 1.92 0.00	37.96 1.62 0.00	36.64 1.40 0.00
PJM_GEN_VFT_PROXY 323633	42.35 1.73 0.00	35.56 1.50 0.00	33.62 1.31 0.00	37.17 1.45 0.00	34.83 1.43 0.00	32.92 1.39 0.00	30.20 1.40 0.00	35.94 1.86 0.00	30.75 1.66 0.00	26.73 1.56 0.00	29.49 1.75 0.00	28.42 1.73 0.00	27.81 1.76 0.00	27.04 1.85 0.00	35.86 2.45 0.00	31.29 2.03 0.00	39.50 2.47 0.32	43.43 2.56 0.00	55.89 3.28 0.00	61.91 3.56 0.00	44.63 2.33 0.00	43.45 2.36 0.00	38.39 2.05 0.00	37.06 1.83 0.00
PLATSBURG_115KV_PMLD1 355749	41.01 0.39 0.00	34.12 0.06 0.00	32.16 -0.15 0.00	35.71 -0.01 0.00	33.56 0.16 0.00	31.72 0.18 0.00	28.97 0.18 0.00	34.02 -0.05 0.00	28.66 -0.43 0.00	24.63 -0.54 0.00	26.96 -0.79 0.00	25.91 -0.78 0.00	25.38 -0.67 0.00	24.83 -0.36 0.00	33.08 -0.32 0.00	28.78 -0.48 0.00	35.34 -1.13 0.88	33.79 -1.42 5.66	49.84 -2.07 0.71	53.71 -2.76 1.89	25.10 -2.00 15.19	39.71 -1.38 0.00	36.10 -0.23 0.00	35.29 0.06 0.00
PLEASANTVLY___LBMP 24000	42.03 1.41 0.00	35.27 1.21 0.00	33.41 1.10 0.00	36.91 1.19 0.00	34.57 1.17 0.00	32.69 1.15 0.00	29.95 1.16 0.00	35.63 1.56 0.00	30.44 1.36 0.00	26.42 1.26 0.00	29.13 1.39 0.00	28.00 1.32 0.00	27.39 1.34 0.00	26.58 1.40 0.00	35.22 1.82 0.00	30.78 1.52 0.00	39.30 1.95 0.00	42.97 2.10 0.00	55.32 2.71 0.00	61.32 2.96 0.00	44.26 1.96 0.00	43.03 1.94 0.00	37.98 1.65 0.00	36.68 1.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.39 1.77 0.00	35.58 1.52 0.00	33.67 1.36 0.00	37.20 1.48 0.00	34.85 1.45 0.00	32.95 1.41 0.00	30.19 1.40 0.00	35.93 1.85 0.00	30.71 1.63 0.00	26.67 1.51 0.00	29.42 1.68 0.00	28.30 1.61 0.00	27.67 1.62 0.00	26.88 1.69 0.00	35.63 2.22 0.00	31.12 1.86 0.00	39.69 2.34 0.00	43.36 2.49 0.00	55.82 3.21 0.00	61.85 3.49 0.00	44.63 2.33 0.00	43.40 2.31 0.00	38.33 2.00 0.00	37.00 1.76 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.39 1.77 0.00	35.58 1.52 0.00	33.67 1.36 0.00	37.20 1.48 0.00	34.85 1.45 0.00	32.95 1.41 0.00	30.19 1.40 0.00	35.93 1.85 0.00	30.71 1.63 0.00	26.67 1.51 0.00	29.42 1.68 0.00	28.30 1.61 0.00	27.67 1.62 0.00	26.88 1.69 0.00	35.63 2.22 0.00	31.12 1.86 0.00	39.69 2.34 0.00	43.36 2.49 0.00	55.82 3.21 0.00	61.85 3.49 0.00	44.63 2.33 0.00	43.40 2.31 0.00	38.33 2.00 0.00	37.00 1.76 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.36 1.74 0.00	35.53 1.47 0.00	33.65 1.34 0.00	37.17 1.45 0.00	34.81 1.41 0.00	32.93 1.40 0.00	30.18 1.38 0.00	35.91 1.84 0.00	30.70 1.61 0.00	26.61 1.45 0.00	29.34 1.60 0.00	28.19 1.51 0.00	27.56 1.51 0.00	26.75 1.57 0.00	35.47 2.06 0.00	31.02 1.76 0.00	39.64 2.29 0.00	43.38 2.51 0.00	55.92 3.30 0.00	61.96 3.60 0.00	44.72 2.42 0.00	43.44 2.35 0.00	38.31 1.98 0.00	36.98 1.75 0.00
POLETTI_____ 23519	41.96 1.34 0.00	35.19 1.14 0.01	33.29 1.00 0.01	36.81 1.10 0.01	34.48 1.09 0.01	32.61 1.07 0.00	29.93 1.13 0.00	35.61 1.53 0.00	30.47 1.37 0.00	26.48 1.31 0.00	29.20 1.46 0.00	28.11 1.42 0.00	27.56 1.51 0.00	26.83 1.65 0.00	35.57 2.17 0.00	31.16 1.90 0.00	39.54 2.19 0.00	43.13 2.26 0.00	55.58 2.96 0.00	61.63 3.27 0.00	44.48 2.18 0.00	43.29 2.20 0.00	38.22 1.89 0.00	36.90 1.67 0.00
POMONA___ESR 323819	42.29 1.67 0.00	35.47 1.41 0.00	33.54 1.24 0.00	37.09 1.37 0.00	34.77 1.37 0.00	32.86 1.33 0.00	30.12 1.33 0.00	35.84 1.77 0.00	30.64 1.55 0.00	26.60 1.43 0.00	29.34 1.60 0.00	28.25 1.56 0.00	27.64 1.59 0.00	26.85 1.67 0.00	35.64 2.23 0.00	31.10 1.84 0.00	39.70 2.35 0.00	43.39 2.52 0.00	55.87 3.25 0.00	61.89 3.53 0.00	44.61 2.31 0.00	43.41 2.32 0.00	38.31 1.98 0.00	36.96 1.73 0.00
PORT_JEFF_3 23555	48.35 2.04 -5.69	45.20 1.83 -9.31	43.86 1.69 -9.86	45.92 1.89 -8.31	45.89 1.84 -10.66	45.94 1.78 -12.62	46.02 1.68 -15.53	41.39 2.19 -5.13	31.55 1.84 -0.62	26.82 1.66 0.00	29.46 1.72 0.00	28.29 1.61 0.00	27.60 1.55 0.00	26.81 1.62 0.00	35.47 2.07 0.00	23.12 1.38 7.53	32.22 1.82 6.95	35.58 2.02 7.30	43.89 2.03 10.75	48.48 2.28 12.16	35.85 1.68 8.12	35.95 1.88 7.02	37.89 1.56 0.00	36.51 1.28 0.00
PORT_JEFF_4 23616	48.35 2.04 -5.69	45.20 1.83 -9.31	43.86 1.69 -9.86	45.92 1.89 -8.31	45.89 1.84 -10.66	45.94 1.78 -12.62	46.02 1.68 -15.53	41.39 2.19 -5.13	31.55 1.84 -0.62	26.82 1.66 0.00	29.46 1.72 0.00	28.29 1.61 0.00	27.60 1.55 0.00	26.81 1.62 0.00	35.47 2.07 0.00	23.12 1.38 7.53	32.22 1.82 6.95	35.58 2.02 7.30	43.89 2.03 10.75	48.48 2.28 12.16	35.85 1.68 8.12	35.95 1.88 7.02	37.89 1.56 0.00	36.51 1.28 0.00

PORT_JEFF_IC 23713	48.60 2.09 -5.90	45.28 1.86 -9.36	43.95 1.72 -9.92	46.00 1.92 -8.36	45.98 1.85 -10.72	46.04 1.80 -12.70	46.14 1.71 -15.63	41.45 2.22 -5.16	31.57 1.86 -0.63	26.85 1.69 0.00	29.50 1.76 0.00	28.33 1.65 0.00	27.64 1.59 0.00	26.84 1.66 0.00	35.53 2.12 0.00	23.29 1.45 7.42	33.55 1.91 5.71	36.99 2.12 6.00	45.81 2.03 8.83	50.84 2.47 9.99	37.44 1.81 6.67	37.30 1.97 5.77	37.97 1.63 0.00	36.58 1.34 0.00
PPL PILGRIM_ST_GT1 24216	48.80 2.15 -6.03	45.77 2.09 -9.62	44.45 1.94 -10.19	46.49 2.19 -8.59	46.52 2.11 -11.02	46.62 2.04 -13.05	46.77 1.91 -16.06	41.82 2.45 -5.30	31.80 2.07 -0.64	27.03 1.87 0.00	29.71 1.96 0.00	28.54 1.85 0.00	27.84 1.79 0.00	27.03 1.85 0.00	35.79 2.39 0.00	23.78 1.69 7.17	33.46 2.19 6.08	37.00 2.52 6.39	46.27 3.06 9.40	51.05 3.33 10.63	37.48 2.29 7.10	37.28 2.33 6.14	38.39 2.05 0.00	37.00 1.76 0.00
PPL PILGRIM_ST_GT2 24217	48.80 2.15 -6.03	45.77 2.09 -9.62	44.45 1.94 -10.19	46.49 2.19 -8.59	46.52 2.11 -11.02	46.62 2.04 -13.05	46.77 1.91 -16.06	41.82 2.45 -5.30	31.80 2.07 -0.64	27.03 1.87 0.00	29.71 1.96 0.00	28.54 1.85 0.00	27.84 1.79 0.00	27.03 1.85 0.00	35.79 2.39 0.00	23.78 1.69 7.17	33.46 2.19 6.08	37.00 2.52 6.39	46.27 3.06 9.40	51.05 3.33 10.63	37.48 2.29 7.10	37.28 2.33 6.14	38.39 2.05 0.00	37.00 1.76 0.00
PPL_SHRM_GT3 24213	48.23 1.85 -5.75	45.05 1.65 -9.34	43.72 1.52 -9.89	45.75 1.70 -8.33	45.73 1.63 -10.69	45.81 1.61 -12.66	45.91 1.53 -15.58	41.21 2.00 -5.14	31.39 1.68 -0.62	26.67 1.51 0.00	29.27 1.53 0.00	28.09 1.41 0.00	27.40 1.35 0.00	26.61 1.43 0.00	35.24 1.83 0.00	23.01 1.24 7.49	32.44 1.70 6.61	35.95 2.03 6.95	44.44 2.06 10.23	48.85 2.06 11.57	36.04 1.47 7.73	35.97 1.56 6.68	37.58 1.24 0.00	36.19 0.95 0.00
PPL_SHRM_GT4 24214	48.23 1.85 -5.75	45.05 1.65 -9.34	43.72 1.52 -9.89	45.75 1.70 -8.33	45.73 1.63 -10.69	45.81 1.61 -12.66	45.91 1.53 -15.58	41.21 2.00 -5.14	31.39 1.68 -0.62	26.67 1.51 0.00	29.27 1.53 0.00	28.09 1.41 0.00	27.40 1.35 0.00	26.61 1.43 0.00	35.24 1.83 0.00	23.01 1.24 7.49	32.44 1.70 6.61	35.95 2.03 6.95	44.44 2.06 10.23	48.85 2.06 11.57	36.04 1.47 7.73	35.97 1.56 6.68	37.58 1.24 0.00	36.19 0.95 0.00
PROJECT___ORANGE 1 24174	40.07 -0.54 0.00	33.58 -0.48 0.00	31.83 -0.48 0.00	35.18 -0.54 0.00	32.93 -0.47 0.00	31.11 -0.43 0.00	28.38 -0.42 0.00	33.53 -0.55 0.00	28.64 -0.45 0.00	24.76 -0.41 0.00	27.32 -0.43 0.00	26.30 -0.39 0.00	25.69 -0.36 0.00	24.85 -0.34 0.00	33.02 -0.39 0.00	28.96 -0.30 0.00	36.99 -0.36 0.00	40.44 -0.43 0.00	52.11 -0.51 0.00	57.83 -0.56 -0.03	41.83 -0.47 0.00	40.58 -0.52 0.00	35.85 -0.49 0.00	34.75 -0.48 0.00
PROJECT___ORANGE 2 24166	40.07 -0.54 0.00	33.58 -0.48 0.00	31.83 -0.48 0.00	35.18 -0.54 0.00	32.93 -0.47 0.00	31.11 -0.43 0.00	28.38 -0.42 0.00	33.53 -0.55 0.00	28.64 -0.45 0.00	24.76 -0.41 0.00	27.32 -0.43 0.00	26.30 -0.39 0.00	25.69 -0.36 0.00	24.85 -0.34 0.00	33.02 -0.39 0.00	28.96 -0.30 0.00	36.99 -0.36 0.00	40.44 -0.43 0.00	52.11 -0.51 0.00	57.83 -0.56 -0.03	41.83 -0.47 0.00	40.58 -0.52 0.00	35.85 -0.49 0.00	34.75 -0.48 0.00
PUCKETT___SOLAR 323809	40.92 0.23 -0.07	34.20 0.09 -0.04	32.31 0.00 0.00	35.72 -0.01 -0.01	33.41 0.01 0.00	31.48 -0.07 -0.01	28.83 -0.04 -0.08	34.28 -0.05 -0.26	31.13 0.00 -2.04	25.04 -0.16 -0.04	27.62 -0.12 0.00	26.54 -0.15 0.00	25.83 -0.22 0.00	25.19 0.00 0.00	33.36 -0.05 0.00	28.54 -0.81 -0.09	36.93 -0.42 0.00	40.88 -0.13 -0.14	53.34 0.53 -0.20	60.10 1.33 -0.42	43.22 0.73 -0.19	42.05 0.76 -0.20	37.12 0.60 -0.19	35.78 0.37 -0.18
PYRITES___HYD 24023	42.04 1.42 0.00	35.19 1.13 0.00	33.36 1.05 0.00	36.93 1.21 0.00	34.43 1.03 0.00	32.44 0.90 0.00	29.63 0.83 0.00	35.02 0.95 0.00	29.69 0.60 0.00	25.25 0.08 0.00	27.51 -0.23 0.00	26.46 -0.23 0.00	25.87 -0.18 0.00	25.09 -0.09 0.00	33.23 -0.18 0.00	29.08 -0.19 0.00	36.60 -0.06 0.69	36.83 0.36 4.40	52.84 0.77 0.55	58.02 1.13 1.47	43.30 1.00 0.00	42.23 1.14 0.00	37.40 1.07 0.00	36.32 1.09 0.00
QUAKERRD_115KV_BK1 80622	39.35 -1.27 0.00	32.92 -1.14 0.00	31.21 -1.10 0.00	34.48 -1.24 0.00	32.30 -1.10 0.00	30.53 -1.00 0.00	27.85 -0.95 0.00	32.80 -1.27 0.00	28.05 -1.04 0.00	24.37 -0.79 0.00	26.95 -0.80 0.00	26.06 -0.62 0.00	25.46 -0.59 0.00	24.58 -0.60 0.00	32.63 -0.78 0.00	28.58 -0.67 0.00	36.20 -1.15 0.00	39.36 -1.51 0.00	50.86 -1.75 0.00	56.48 -1.88 0.00	40.95 -1.35 0.00	39.62 -1.47 0.00	35.04 -1.29 0.00	34.19 -1.04 0.00
QUENSBRY_115KV_TB8 356137	42.41 1.79 0.00	35.54 1.47 0.00	33.72 1.42 0.00	37.27 1.55 0.00	34.83 1.43 0.00	32.96 1.43 0.00	30.24 1.45 0.00	35.93 1.86 0.00	30.57 1.48 0.00	26.22 1.06 0.00	28.65 0.90 0.00	27.32 0.64 0.00	26.70 0.65 0.00	26.00 0.82 0.00	34.55 1.14 0.00	30.39 1.13 0.00	39.42 2.07 0.00	43.49 2.62 0.00	56.05 3.44 0.00	62.19 3.83 0.00	44.79 2.49 0.00	43.23 2.14 0.00	38.05 1.71 0.00	36.72 1.48 0.00
RAMAPO___LBMP 323565	42.14 1.52 0.00	35.34 1.29 0.00	33.42 1.12 0.00	36.96 1.24 0.00	34.65 1.25 0.00	32.74 1.20 0.00	30.01 1.22 0.00	35.71 1.63 0.00	30.53 1.44 0.00	26.50 1.34 0.00	29.24 1.49 0.00	28.15 1.46 0.00	27.54 1.48 0.00	26.74 1.55 0.00	35.50 2.09 0.00	30.99 1.72 0.00	39.55 2.20 0.00	43.23 2.36 0.00	55.66 3.05 0.00	61.67 3.32 0.00	44.44 2.15 0.00	43.26 2.17 0.00	38.18 1.85 0.00	36.83 1.60 0.00
RANKINE____ 23646	39.78 -0.84 0.00	33.18 -0.88 0.00	31.39 -0.92 0.00	34.71 -1.01 0.00	32.57 -0.83 0.00	30.78 -0.76 0.00	28.00 -0.79 0.00	32.75 -1.32 0.00	28.15 -0.94 0.00	24.63 -0.53 0.00	27.50 -0.24 0.00	26.74 0.05 0.00	25.89 -0.17 0.00	24.92 -0.27 0.00	32.99 -0.42 0.00	28.80 -0.46 0.00	34.66 -1.35 1.35	38.84 -2.03 0.00	50.46 -2.16 0.00	56.45 -1.91 0.00	40.98 -1.32 0.00	39.70 -1.39 0.00	35.29 -1.05 0.00	34.79 -0.45 0.00
RAVENSWOOD_GT2_1 24244	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.32 1.53 0.00	36.09 2.01 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.59 1.85 0.00	28.49 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.90 2.55 0.00	43.51 2.64 0.00	56.02 3.40 0.00	62.08 3.73 0.00	44.78 2.48 0.00	43.59 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00
RAVENSWOOD_GT2_2 24245	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.32 1.53 0.00	36.09 2.01 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.59 1.85 0.00	28.49 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.90 2.55 0.00	43.51 2.64 0.00	56.02 3.40 0.00	62.08 3.73 0.00	44.78 2.48 0.00	43.59 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00

RAVENSWOOD_GT2_3 24246	42.54 1.93 0.00	35.74 1.68 0.00	33.81 1.50 0.00	37.35 1.63 0.00	35.00 1.60 0.00	33.08 1.55 0.00	30.33 1.54 0.00	36.10 2.02 0.00	30.87 1.79 0.00	26.83 1.67 0.00	29.61 1.87 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.11 1.93 0.00	35.93 2.53 0.00	31.37 2.11 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.05 3.44 0.00	62.10 3.74 0.00	44.80 2.51 0.00	43.60 2.51 0.00	38.52 2.19 0.00	37.19 1.96 0.00
RAVENSWOOD_GT2_4 24247	42.54 1.93 0.00	35.74 1.68 0.00	33.81 1.50 0.00	37.35 1.63 0.00	35.00 1.60 0.00	33.08 1.55 0.00	30.33 1.54 0.00	36.10 2.02 0.00	30.87 1.79 0.00	26.83 1.67 0.00	29.61 1.87 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.11 1.93 0.00	35.93 2.53 0.00	31.37 2.11 0.00	39.92 2.57 0.00	43.55 2.68 0.00	56.05 3.44 0.00	62.10 3.74 0.00	44.80 2.51 0.00	43.60 2.51 0.00	38.52 2.19 0.00	37.19 1.96 0.00
RAVENSWOOD_GT3_1 24248	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.77 0.00	26.82 1.66 0.00	29.60 1.85 0.00	28.50 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.91 2.56 0.00	43.51 2.64 0.00	56.02 3.40 0.00	62.08 3.73 0.00	44.78 2.48 0.00	43.59 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00
RAVENSWOOD_GT3_2 24249	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.77 0.00	26.82 1.66 0.00	29.60 1.85 0.00	28.50 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.91 2.56 0.00	43.51 2.64 0.00	56.02 3.40 0.00	62.08 3.73 0.00	44.78 2.48 0.00	43.59 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00
RAVENSWOOD_GT3_3 24250	42.59 1.97 0.00	35.77 1.71 0.00	33.83 1.52 0.00	37.39 1.67 0.00	35.03 1.63 0.00	33.11 1.58 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.90 1.82 0.00	26.86 1.70 0.00	29.64 1.90 0.00	28.54 1.85 0.00	27.93 1.88 0.00	27.14 1.96 0.00	35.98 2.57 0.00	31.40 2.14 0.00	39.96 2.61 0.00	43.59 2.72 0.00	56.11 3.50 0.00	62.18 3.82 0.00	44.86 2.56 0.00	43.65 2.56 0.00	38.56 2.23 0.00	37.23 2.00 0.00
RAVENSWOOD_GT3_4 24251	42.59 1.97 0.00	35.77 1.71 0.00	33.83 1.52 0.00	37.39 1.67 0.00	35.03 1.63 0.00	33.11 1.58 0.00	30.36 1.57 0.00	36.13 2.05 0.00	30.90 1.82 0.00	26.86 1.70 0.00	29.64 1.90 0.00	28.54 1.85 0.00	27.93 1.88 0.00	27.14 1.96 0.00	35.98 2.57 0.00	31.40 2.14 0.00	39.96 2.61 0.00	43.59 2.72 0.00	56.11 3.50 0.00	62.18 3.82 0.00	44.86 2.56 0.00	43.65 2.56 0.00	38.56 2.23 0.00	37.23 2.00 0.00
RAVENSWOOD_GT_1 23729	42.58 1.96 0.00	35.80 1.74 0.00	33.86 1.55 0.00	37.42 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.93 1.85 0.00	26.89 1.73 0.00	29.67 1.93 0.00	28.57 1.89 0.00	27.96 1.91 0.00	27.17 1.99 0.00	36.02 2.61 0.00	31.44 2.18 0.00	39.96 2.61 0.00	43.50 2.63 0.00	56.00 3.39 0.00	62.09 3.73 0.00	44.80 2.50 0.00	43.62 2.53 0.00	38.57 2.24 0.00	37.26 2.03 0.00
RAVENSWOOD_GT_10 24258	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.77 0.00	26.82 1.66 0.00	29.60 1.85 0.00	28.50 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.91 2.56 0.00	43.53 2.67 0.00	56.04 3.42 0.00	62.09 3.73 0.00	44.78 2.49 0.00	43.60 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00
RAVENSWOOD_GT_11 24259	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.77 0.00	26.82 1.66 0.00	29.60 1.85 0.00	28.50 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.91 2.56 0.00	43.53 2.67 0.00	56.04 3.42 0.00	62.09 3.73 0.00	44.78 2.49 0.00	43.60 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00
RAVENSWOOD_GT_4 24252	42.51 1.89 0.00	35.71 1.65 0.00	33.79 1.49 0.00	37.33 1.61 0.00	34.99 1.59 0.00	33.08 1.54 0.00	30.32 1.52 0.00	36.09 2.01 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.59 1.85 0.00	28.50 1.82 0.00	27.89 1.84 0.00	27.10 1.92 0.00	35.92 2.51 0.00	31.36 2.09 0.00	39.89 2.54 0.00	43.47 2.60 0.00	55.96 3.35 0.00	62.02 3.66 0.00	44.74 2.44 0.00	43.55 2.46 0.00	38.49 2.16 0.00	37.17 1.94 0.00
RAVENSWOOD_GT_5 24254	42.51 1.89 0.00	35.71 1.65 0.00	33.79 1.49 0.00	37.33 1.61 0.00	34.99 1.59 0.00	33.08 1.54 0.00	30.32 1.52 0.00	36.09 2.01 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.59 1.85 0.00	28.50 1.82 0.00	27.89 1.84 0.00	27.10 1.92 0.00	35.92 2.51 0.00	31.36 2.09 0.00	39.89 2.54 0.00	43.47 2.60 0.00	55.96 3.35 0.00	62.02 3.66 0.00	44.74 2.44 0.00	43.55 2.46 0.00	38.49 2.16 0.00	37.17 1.94 0.00
RAVENSWOOD_GT_6 24253	42.51 1.89 0.00	35.71 1.65 0.00	33.79 1.49 0.00	37.33 1.61 0.00	34.99 1.59 0.00	33.08 1.54 0.00	30.32 1.52 0.00	36.09 2.01 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.59 1.85 0.00	28.50 1.82 0.00	27.89 1.84 0.00	27.10 1.92 0.00	35.92 2.51 0.00	31.36 2.09 0.00	39.89 2.54 0.00	43.47 2.60 0.00	55.96 3.35 0.00	62.02 3.66 0.00	44.74 2.44 0.00	43.55 2.46 0.00	38.49 2.16 0.00	37.17 1.94 0.00
RAVENSWOOD_GT_7 24255	42.51 1.89 0.00	35.71 1.65 0.00	33.79 1.49 0.00	37.33 1.61 0.00	34.99 1.59 0.00	33.08 1.54 0.00	30.32 1.52 0.00	36.09 2.01 0.00	30.86 1.77 0.00	26.82 1.66 0.00	29.59 1.85 0.00	28.50 1.82 0.00	27.89 1.84 0.00	27.10 1.92 0.00	35.92 2.51 0.00	31.36 2.09 0.00	39.89 2.54 0.00	43.47 2.60 0.00	55.96 3.35 0.00	62.02 3.66 0.00	44.74 2.44 0.00	43.55 2.46 0.00	38.49 2.16 0.00	37.17 1.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.77 0.00	26.82 1.66 0.00	29.60 1.85 0.00	28.50 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.91 2.56 0.00	43.53 2.67 0.00	56.04 3.42 0.00	62.09 3.73 0.00	44.78 2.49 0.00	43.60 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00
RAVENSWOOD_GT_9 24257	42.53 1.91 0.00	35.72 1.66 0.00	33.79 1.49 0.00	37.34 1.62 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.77 0.00	26.82 1.66 0.00	29.60 1.85 0.00	28.50 1.81 0.00	27.88 1.83 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.91 2.56 0.00	43.53 2.67 0.00	56.04 3.42 0.00	62.09 3.73 0.00	44.78 2.49 0.00	43.60 2.50 0.00	38.51 2.17 0.00	37.18 1.94 0.00

RAVENSWOOD___1 23533	42.49 1.87 0.00	35.73 1.67 0.00	33.80 1.50 0.00	37.35 1.63 0.00	35.01 1.60 0.00	33.08 1.55 0.00	30.33 1.54 0.00	36.10 2.02 0.00	30.88 1.79 0.00	26.84 1.68 0.00	29.62 1.87 0.00	28.52 1.84 0.00	27.91 1.86 0.00	27.13 1.94 0.00	35.95 2.54 0.00	31.39 2.12 0.00	39.88 2.53 0.00	43.43 2.56 0.00	55.90 3.29 0.00	61.98 3.62 0.00	44.71 2.41 0.00	43.54 2.45 0.00	38.50 2.16 0.00	37.19 1.96 0.00
RAVENSWOOD___2 23534	42.26 1.64 0.00	35.64 1.58 0.00	33.76 1.45 0.00	37.30 1.58 0.00	34.96 1.56 0.00	33.05 1.51 0.00	30.29 1.49 0.00	36.05 1.97 0.00	30.83 1.74 0.00	26.80 1.64 0.00	29.58 1.84 0.00	28.48 1.80 0.00	27.88 1.82 0.00	27.09 1.90 0.00	35.90 2.49 0.00	31.35 2.08 0.00	39.76 2.42 0.00	43.16 2.29 0.00	55.49 2.88 0.00	61.53 3.17 0.00	44.40 2.11 0.00	43.25 2.15 0.00	38.34 2.00 0.00	37.10 1.87 0.00
RAVENSWOOD___3 23535	42.53 1.91 0.00	35.72 1.67 0.00	33.80 1.49 0.00	37.34 1.63 0.00	34.99 1.59 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.78 0.00	26.82 1.66 0.00	29.60 1.86 0.00	28.50 1.82 0.00	27.89 1.84 0.00	27.10 1.91 0.00	35.92 2.51 0.00	31.35 2.09 0.00	39.91 2.56 0.00	43.52 2.65 0.00	56.02 3.41 0.00	62.09 3.73 0.00	44.78 2.48 0.00	43.59 2.50 0.00	38.50 2.17 0.00	37.18 1.94 0.00
RAVENSWOOD___4 23820	42.49 1.87 0.00	35.73 1.67 0.00	33.80 1.50 0.00	37.35 1.63 0.00	35.01 1.60 0.00	33.08 1.55 0.00	30.33 1.54 0.00	36.10 2.02 0.00	30.88 1.79 0.00	26.84 1.68 0.00	29.62 1.87 0.00	28.52 1.84 0.00	27.91 1.86 0.00	27.13 1.94 0.00	35.95 2.54 0.00	31.39 2.12 0.00	39.88 2.53 0.00	43.43 2.56 0.00	55.90 3.29 0.00	61.98 3.62 0.00	44.71 2.41 0.00	43.54 2.45 0.00	38.50 2.16 0.00	37.19 1.96 0.00
RCPL_TRUST___DRP 24196	42.54 1.92 0.00	35.71 1.65 0.00	33.79 1.48 0.00	37.33 1.61 0.00	34.98 1.58 0.00	33.07 1.53 0.00	30.33 1.53 0.00	36.09 2.01 0.00	30.87 1.79 0.00	26.83 1.67 0.00	29.61 1.87 0.00	28.51 1.82 0.00	27.90 1.85 0.00	27.13 1.95 0.00	35.98 2.58 0.00	31.40 2.14 0.00	39.95 2.60 0.00	43.57 2.70 0.00	56.07 3.46 0.00	62.14 3.78 0.00	44.82 2.52 0.00	43.62 2.53 0.00	38.53 2.20 0.00	37.20 1.97 0.00
RED___ROCHESTER 323720	40.39 -0.13 0.10	33.79 -0.22 0.05	32.06 -0.24 0.00	35.40 -0.30 0.02	33.18 -0.22 0.00	31.36 -0.17 0.01	28.50 -0.19 0.11	33.31 -0.40 0.36	25.93 -0.28 2.88	25.00 -0.10 0.06	27.75 0.01 0.00	26.90 0.22 0.00	26.29 0.24 0.00	25.35 0.17 0.00	33.67 0.26 0.00	29.30 0.21 0.18	37.25 -0.09 0.00	40.24 -0.35 0.28	51.99 -0.23 0.40	57.39 -0.13 0.84	41.81 -0.09 0.39	40.42 -0.27 0.40	35.73 -0.23 0.38	34.90 0.03 0.36
REGAN___SOLAR 323812	41.80 1.18 0.00	35.04 0.98 0.00	33.23 0.92 0.00	36.72 1.00 0.00	34.35 0.95 0.00	32.45 0.91 0.00	29.69 0.89 0.00	35.19 1.12 0.00	29.89 0.81 0.00	25.23 0.06 0.00	27.68 -0.06 0.00	26.66 -0.03 0.00	26.06 0.01 0.00	25.19 0.00 0.00	33.37 -0.04 0.00	29.31 0.05 0.00	38.02 0.67 0.00	42.35 1.48 0.00	54.65 2.04 0.00	60.62 2.26 0.00	43.89 1.60 0.00	42.50 1.41 0.00	37.44 1.11 0.00	36.24 1.01 0.00
RENSSELAER___COGEN 23796	40.96 0.34 0.00	34.41 0.35 0.00	32.68 0.37 0.00	36.07 0.35 0.00	33.78 0.38 0.00	31.98 0.45 0.00	29.26 0.46 0.00	34.72 0.64 0.00	29.64 0.56 0.00	25.68 0.52 0.00	28.24 0.50 0.00	27.10 0.42 0.00	26.47 0.42 0.00	25.65 0.46 0.00	33.97 0.56 0.00	29.81 0.55 0.00	38.10 0.75 0.00	41.74 0.87 0.00	53.75 1.13 0.00	59.58 1.22 0.00	43.08 0.78 0.00	41.82 0.73 0.00	36.89 0.56 0.00	35.65 0.42 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.95 4.33 0.00	37.53 3.47 0.00	35.54 3.24 0.00	39.28 3.56 0.00	36.63 3.23 0.00	34.81 3.27 0.00	32.07 3.28 0.00	38.33 4.25 0.00	32.43 3.34 0.00	27.50 2.33 0.00	29.89 2.15 0.00	28.31 1.63 0.00	27.64 1.59 0.00	27.10 1.92 0.00	36.00 2.59 0.00	31.63 2.37 0.00	41.78 4.43 0.00	46.31 5.44 0.00	59.71 7.10 0.00	66.39 8.03 0.00	47.60 5.30 0.00	45.68 4.59 0.00	40.02 3.68 0.00	38.45 3.21 0.00
REVERE_CPPR_DRP 24186	41.43 0.81 0.00	34.75 0.69 0.00	32.96 0.65 0.00	36.44 0.73 0.00	34.12 0.72 0.00	32.25 0.71 0.00	29.42 0.62 0.00	34.81 0.73 0.00	29.67 0.58 0.00	25.41 0.24 0.00	27.79 0.05 0.00	26.71 0.03 0.00	26.08 0.03 0.00	25.20 0.01 0.00	33.48 0.07 0.00	29.71 0.44 0.00	38.33 0.98 0.00	42.04 1.18 0.00	54.13 1.52 0.00	60.12 1.76 0.00	43.46 1.16 0.00	42.11 1.02 0.00	37.13 0.80 0.00	35.91 0.68 0.00
REYNLDPA_13_KV_LD 356490	41.20 0.58 0.00	34.52 0.46 0.00	32.74 0.43 0.00	36.24 0.52 0.00	33.79 0.39 0.00	31.84 0.30 0.00	29.08 0.28 0.00	34.35 0.27 0.00	29.26 0.17 0.00	25.27 0.11 0.00	27.87 0.12 0.00	26.83 0.15 0.00	26.19 0.14 0.00	25.32 0.14 0.00	33.57 0.16 0.00	29.35 0.08 0.00	36.45 -0.01 0.89	35.14 -0.03 5.69	51.89 -0.01 0.71	56.44 -0.02 1.90	42.42 0.12 0.00	41.33 0.24 0.00	36.65 0.32 0.00	35.64 0.41 0.00
REYNOLDS_115KV_TB3 80639	41.33 0.71 0.00	34.72 0.66 0.00	32.98 0.67 0.00	36.39 0.67 0.00	34.07 0.67 0.00	32.24 0.71 0.00	29.51 0.71 0.00	35.02 0.95 0.00	29.88 0.79 0.00	25.91 0.74 0.00	28.48 0.74 0.00	27.31 0.63 0.00	26.68 0.63 0.00	25.85 0.67 0.00	34.24 0.83 0.00	30.03 0.77 0.00	38.44 1.09 0.00	42.11 1.24 0.00	54.23 1.62 0.00	60.13 1.77 0.00	43.46 1.16 0.00	42.19 1.10 0.00	37.22 0.89 0.00	35.96 0.73 0.00
RIVERBAY____ 323610	43.22 2.61 0.00	36.35 2.29 0.00	34.40 2.10 0.00	38.05 2.33 0.00	35.67 2.27 0.00	33.74 2.21 0.00	30.91 2.12 0.00	36.72 2.65 0.00	31.41 2.32 0.00	27.31 2.15 0.00	30.13 2.39 0.00	29.01 2.32 0.00	28.39 2.34 0.00	27.54 2.36 0.00	36.54 3.13 0.00	31.96 2.70 0.00	40.59 3.24 0.00	44.26 3.39 0.00	57.07 4.45 0.00	63.27 4.91 0.00	45.67 3.37 0.00	44.42 3.33 0.00	39.23 2.89 0.00	37.86 2.63 0.00
RIVERSDE_115KV_TB3 55908	41.17 0.54 0.00	34.58 0.52 0.00	32.84 0.54 0.00	36.24 0.52 0.00	33.94 0.54 0.00	32.13 0.60 0.00	29.40 0.60 0.00	34.89 0.81 0.00	29.78 0.69 0.00	25.81 0.64 0.00	28.37 0.63 0.00	27.23 0.54 0.00	26.59 0.54 0.00	25.76 0.58 0.00	34.12 0.71 0.00	29.95 0.69 0.00	38.31 0.96 0.00	41.96 1.09 0.00	54.05 1.44 0.00	59.90 1.54 0.00	43.31 1.01 0.00	42.03 0.94 0.00	37.08 0.74 0.00	35.83 0.60 0.00
ROARING___BROOK_WT_PWR 323790	39.47 -1.15 0.00	33.10 -0.96 0.00	31.48 -0.83 0.00	34.88 -0.84 0.00	32.57 -0.83 0.00	30.70 -0.83 0.00	28.02 -0.77 0.00	33.16 -0.92 0.00	28.24 -0.85 0.00	24.41 -0.76 0.00	2.56 -0.88 24.30	1.75 -0.88 24.05	25.22 -0.83 0.00	24.39 -0.80 0.00	32.41 -1.00 0.00	28.41 -0.85 0.00	34.22 -1.11 2.02	26.68 -1.23 12.96	49.38 -1.61 1.62	52.31 -1.72 4.32	41.19 -1.11 0.00	40.00 -1.09 0.00	35.40 -0.94 0.00	34.32 -0.91 0.00

ROCHESRG_115KV_T4 355643	40.15 -0.47 0.00	33.57 -0.49 0.00	31.82 -0.49 0.00	35.15 -0.57 0.00	32.94 -0.46 0.00	31.14 -0.40 0.00	28.39 -0.41 0.00	33.40 -0.68 0.00	28.58 -0.51 0.00	24.86 -0.30 0.00	27.52 -0.22 0.00	26.66 -0.02 0.00	26.03 -0.03 0.00	25.10 -0.08 0.00	33.31 -0.10 0.00	29.16 -0.10 0.00	36.84 -0.51 0.00	40.04 -0.83 0.00	51.76 -0.85 0.00	57.53 -0.83 0.00	41.72 -0.58 0.00	40.37 -0.72 0.00	35.74 -0.59 0.00	34.93 -0.30 0.00
ROCHESTER_9_IC 23652	40.34 -0.28 0.00	33.72 -0.34 0.00	31.97 -0.34 0.00	35.31 -0.41 0.00	33.08 -0.32 0.00	31.27 -0.26 0.00	28.52 -0.28 0.00	33.55 -0.53 0.00	28.71 -0.38 0.00	24.97 -0.20 0.00	27.64 -0.10 0.00	26.80 0.11 0.00	26.17 0.12 0.00	25.24 0.06 0.00	33.51 0.10 0.00	29.32 0.06 0.00	37.06 -0.29 0.00	40.28 -0.59 0.00	52.10 -0.52 0.00	57.91 -0.45 0.00	41.98 -0.32 0.00	40.62 -0.48 0.00	35.94 -0.40 0.00	35.11 -0.12 0.00
ROCKVIEW_13_KV_LD 356306	42.58 1.96 0.00	35.69 1.63 0.00	33.76 1.45 0.00	37.31 1.59 0.00	34.96 1.56 0.00	33.05 1.51 0.00	30.32 1.53 0.00	36.09 2.01 0.00	30.86 1.77 0.00	26.80 1.63 0.00	29.58 1.83 0.00	28.45 1.77 0.00	27.82 1.77 0.00	27.03 1.84 0.00	35.85 2.44 0.00	31.30 2.04 0.00	39.93 2.58 0.00	43.60 2.73 0.00	56.12 3.51 0.00	62.20 3.84 0.00	44.87 2.57 0.00	43.64 2.55 0.00	38.53 2.20 0.00	37.20 1.97 0.00
ROME____115KV_TB2 80656	41.43 0.81 0.00	34.75 0.69 0.00	32.96 0.65 0.00	36.44 0.73 0.00	34.12 0.72 0.00	32.25 0.71 0.00	29.42 0.62 0.00	34.81 0.73 0.00	29.67 0.58 0.00	25.41 0.24 0.00	27.79 0.05 0.00	26.71 0.03 0.00	26.08 0.03 0.00	25.20 0.01 0.00	33.48 0.07 0.00	29.71 0.44 0.00	38.33 0.98 0.00	42.04 1.18 0.00	54.13 1.52 0.00	60.12 1.76 0.00	43.46 1.16 0.00	42.11 1.02 0.00	37.13 0.80 0.00	35.91 0.68 0.00
ROSETON___1 23587	42.01 1.39 0.00	35.26 1.20 0.00	33.40 1.09 0.00	36.89 1.18 0.00	34.56 1.16 0.00	32.68 1.14 0.00	29.94 1.14 0.00	35.61 1.53 0.00	30.43 1.34 0.00	26.40 1.24 0.00	29.11 1.37 0.00	27.99 1.31 0.00	27.37 1.32 0.00	26.56 1.38 0.00	35.20 1.80 0.00	30.76 1.50 0.00	39.24 1.89 0.00	42.87 2.00 0.00	55.21 2.59 0.00	61.16 2.80 0.00	44.17 1.87 0.00	42.96 1.87 0.00	37.97 1.63 0.00	36.65 1.42 0.00
ROSETON___2 23588	42.01 1.39 0.00	35.26 1.20 0.00	33.40 1.09 0.00	36.89 1.18 0.00	34.56 1.16 0.00	32.68 1.14 0.00	29.94 1.14 0.00	35.61 1.53 0.00	30.43 1.34 0.00	26.40 1.24 0.00	29.11 1.37 0.00	27.99 1.31 0.00	27.37 1.32 0.00	26.56 1.38 0.00	35.20 1.80 0.00	30.76 1.50 0.00	39.24 1.89 0.00	42.87 2.00 0.00	55.21 2.59 0.00	61.16 2.80 0.00	44.17 1.87 0.00	42.96 1.87 0.00	37.97 1.63 0.00	36.65 1.42 0.00
ROTRRDAM_115KV_TB3 80664	41.54 0.92 0.00	34.85 0.79 0.00	33.07 0.77 0.00	36.54 0.82 0.00	34.19 0.79 0.00	32.32 0.78 0.00	29.56 0.77 0.00	35.06 0.99 0.00	29.91 0.82 0.00	25.84 0.68 0.00	28.44 0.70 0.00	27.29 0.61 0.00	26.66 0.61 0.00	25.80 0.62 0.00	34.22 0.81 0.00	30.00 0.73 0.00	38.48 1.13 0.00	42.21 1.34 0.00	54.34 1.73 0.00	60.26 1.90 0.00	43.59 1.30 0.00	42.30 1.21 0.00	37.33 0.99 0.00	36.09 0.86 0.00
RUSSELL___1 23602	40.49 -0.13 0.00	33.84 -0.22 0.00	32.06 -0.24 0.00	35.41 -0.30 0.00	33.18 -0.22 0.00	31.37 -0.17 0.00	28.61 -0.19 0.00	33.67 -0.41 0.00	28.81 -0.28 0.00	25.06 -0.11 0.00	27.75 0.01 0.00	26.90 0.22 0.00	26.29 0.24 0.00	25.35 0.17 0.00	33.67 0.26 0.00	29.47 0.21 0.00	37.25 -0.10 0.00	40.52 -0.35 0.00	52.40 -0.21 0.00	58.23 -0.13 0.00	42.20 -0.10 0.00	40.82 -0.27 0.00	36.09 -0.24 0.00	35.25 0.02 0.00
RUSSELL___2 23532	40.49 -0.13 0.00	33.84 -0.22 0.00	32.06 -0.24 0.00	35.41 -0.30 0.00	33.18 -0.22 0.00	31.37 -0.17 0.00	28.61 -0.19 0.00	33.67 -0.41 0.00	28.81 -0.28 0.00	25.06 -0.11 0.00	27.75 0.01 0.00	26.90 0.22 0.00	26.29 0.24 0.00	25.35 0.17 0.00	33.67 0.26 0.00	29.47 0.21 0.00	37.25 -0.10 0.00	40.52 -0.35 0.00	52.40 -0.21 0.00	58.23 -0.13 0.00	42.20 -0.10 0.00	40.82 -0.27 0.00	36.09 -0.24 0.00	35.25 0.02 0.00
RUSSELL___3 23549	40.49 -0.13 0.00	33.84 -0.22 0.00	32.06 -0.24 0.00	35.41 -0.30 0.00	33.18 -0.22 0.00	31.37 -0.17 0.00	28.61 -0.19 0.00	33.67 -0.41 0.00	28.81 -0.28 0.00	25.06 -0.11 0.00	27.75 0.01 0.00	26.90 0.22 0.00	26.29 0.24 0.00	25.35 0.17 0.00	33.67 0.26 0.00	29.47 0.21 0.00	37.25 -0.10 0.00	40.52 -0.35 0.00	52.40 -0.21 0.00	58.23 -0.13 0.00	42.20 -0.10 0.00	40.82 -0.27 0.00	36.09 -0.24 0.00	35.25 0.02 0.00
RUSSELL___4 23556	40.49 -0.13 0.00	33.84 -0.22 0.00	32.06 -0.24 0.00	35.41 -0.30 0.00	33.18 -0.22 0.00	31.37 -0.17 0.00	28.61 -0.19 0.00	33.67 -0.41 0.00	28.81 -0.28 0.00	25.06 -0.11 0.00	27.75 0.01 0.00	26.90 0.22 0.00	26.29 0.24 0.00	25.35 0.17 0.00	33.67 0.26 0.00	29.47 0.21 0.00	37.25 -0.10 0.00	40.52 -0.35 0.00	52.40 -0.21 0.00	58.23 -0.13 0.00	42.20 -0.10 0.00	40.82 -0.27 0.00	36.09 -0.24 0.00	35.25 0.02 0.00
RUSSELL___STATION 23914	40.49 -0.13 0.00	33.84 -0.22 0.00	32.06 -0.24 0.00	35.41 -0.30 0.00	33.18 -0.22 0.00	31.37 -0.17 0.00	28.61 -0.19 0.00	33.67 -0.41 0.00	28.81 -0.28 0.00	25.06 -0.11 0.00	27.75 0.01 0.00	26.90 0.22 0.00	26.29 0.24 0.00	25.35 0.17 0.00	33.67 0.26 0.00	29.47 0.21 0.00	37.25 -0.10 0.00	40.52 -0.35 0.00	52.40 -0.21 0.00	58.23 -0.13 0.00	42.20 -0.10 0.00	40.82 -0.27 0.00	36.09 -0.24 0.00	35.25 0.02 0.00
S SALMON___HYD 24043	40.05 -0.56 0.00	33.62 -0.44 0.00	31.88 -0.42 0.00	35.19 -0.53 0.00	32.93 -0.47 0.00	31.09 -0.44 0.00	28.34 -0.46 0.00	33.46 -0.62 0.00	28.53 -0.57 0.00	24.51 -0.65 0.00	26.84 -0.90 0.00	25.77 -0.91 0.00	25.17 -0.88 0.00	24.30 -0.88 0.00	32.27 -1.13 0.00	28.48 -0.78 0.00	36.50 -0.80 0.05	39.90 -0.63 0.34	51.79 -0.78 0.04	57.63 -0.82 -0.09	41.65 -0.65 0.00	40.55 -0.54 0.00	35.75 -0.58 0.00	34.55 -0.68 0.00
S.PERRY__115KV_TB1 80734	40.85 0.23 0.00	34.17 0.10 0.00	32.27 -0.04 0.00	35.68 -0.04 0.00	33.45 0.05 0.00	31.60 0.07 0.00	28.86 0.07 0.00	33.91 -0.16 0.00	29.01 -0.08 0.00	25.10 -0.06 0.00	27.60 -0.14 0.00	26.69 0.00 0.00	26.02 -0.03 0.00	25.06 -0.12 0.00	33.33 -0.08 0.00	29.23 -0.03 0.00	41.12 -0.30 -4.07	40.67 -0.20 0.00	52.99 0.38 0.00	59.18 0.83 0.00	42.88 0.58 0.00	41.56 0.46 0.00	36.88 0.55 0.00	36.08 0.85 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.67 -0.95 0.00	33.10 -0.96 0.00	31.35 -0.96 0.00	34.65 -1.07 0.00	32.51 -0.89 0.00	30.74 -0.79 0.00	27.96 -0.84 0.00	32.67 -1.41 0.00	28.06 -1.03 0.00	24.59 -0.57 0.00	27.43 -0.31 0.00	26.70 0.01 0.00	25.86 -0.19 0.00	24.90 -0.29 0.00	32.96 -0.45 0.00	28.75 -0.51 0.00	34.75 -1.46 1.15	38.62 -2.25 0.00	50.09 -2.53 0.00	55.96 -2.40 0.00	40.69 -1.61 0.00	39.42 -1.67 0.00	35.05 -1.29 0.00	34.61 -0.63 0.00

SAWYER___23_KV_LOAD 55526	39.67 -0.95 0.00	33.10 -0.96 0.00	31.35 -0.96 0.00	34.65 -1.07 0.00	32.51 -0.89 0.00	30.74 -0.79 0.00	27.96 -0.84 0.00	32.67 -1.41 0.00	28.06 -1.03 0.00	24.59 -0.57 0.00	27.43 -0.31 0.00	26.70 0.01 0.00	25.86 -0.19 0.00	24.90 -0.29 0.00	32.96 -0.45 0.00	28.75 -0.51 0.00	34.75 -1.46 1.15	38.62 -2.25 0.00	50.09 -2.53 0.00	55.96 -2.40 0.00	40.69 -1.61 0.00	39.42 -1.67 0.00	35.05 -1.29 0.00	34.61 -0.63 0.00
SELKIRK___I 23801	41.33 0.72 0.00	34.71 0.65 0.00	32.96 0.66 0.00	36.40 0.69 0.00	34.09 0.69 0.00	32.25 0.71 0.00	29.48 0.68 0.00	34.95 0.88 0.00	29.81 0.72 0.00	25.74 0.57 0.00	28.31 0.56 0.00	27.18 0.50 0.00	26.55 0.50 0.00	25.70 0.51 0.00	34.10 0.70 0.00	29.93 0.66 0.00	38.31 0.96 0.00	41.99 1.12 0.00	54.05 1.44 0.00	59.91 1.55 0.00	43.36 1.06 0.00	42.10 1.01 0.00	37.17 0.84 0.00	35.95 0.71 0.00
SELKIRK___II 23799	41.13 0.51 0.00	34.54 0.48 0.00	32.79 0.49 0.00	36.21 0.49 0.00	33.91 0.51 0.00	32.08 0.55 0.00	29.34 0.54 0.00	34.80 0.73 0.00	29.72 0.63 0.00	25.75 0.58 0.00	28.34 0.60 0.00	27.21 0.52 0.00	26.58 0.53 0.00	25.72 0.54 0.00	34.08 0.68 0.00	29.90 0.63 0.00	38.20 0.85 0.00	41.83 0.96 0.00	53.86 1.24 0.00	59.70 1.34 0.00	43.20 0.90 0.00	41.93 0.84 0.00	37.02 0.69 0.00	35.78 0.55 0.00
SENECA OSWGO___HYD 24041	39.74 -0.87 0.00	33.32 -0.75 0.00	31.59 -0.72 0.00	34.90 -0.82 0.00	32.66 -0.74 0.00	30.85 -0.68 0.00	28.15 -0.64 0.00	33.25 -0.83 0.00	28.40 -0.69 0.00	24.55 -0.62 0.00	27.07 -0.68 0.00	26.04 -0.65 0.00	25.42 -0.63 0.00	24.58 -0.60 0.00	32.68 -0.73 0.00	28.67 -0.60 0.00	36.62 -0.73 0.00	40.07 -0.80 0.00	51.63 -0.99 0.00	57.58 -1.10 0.00	41.46 -0.84 0.00	40.20 -0.89 0.00	35.51 -0.82 0.00	34.43 -0.81 0.00
SENECA___115KV_TB3 355854	39.56 -0.79 0.27	33.07 -0.84 0.15	31.43 -0.87 0.00	34.72 -0.96 0.04	32.60 -0.80 0.00	30.78 -0.73 0.03	27.74 -0.77 0.29	31.84 -1.26 0.97	20.49 -0.90 7.69	24.52 -0.49 0.15	27.54 -0.20 0.00	26.77 0.08 0.00	25.92 -0.13 0.00	24.94 -0.24 0.00	33.04 -0.37 0.00	28.38 -0.41 0.47	34.72 -1.28 1.35	38.15 -1.97 0.75	49.46 -2.09 1.07	54.33 -1.78 2.25	40.02 -1.23 1.05	38.70 -1.32 1.07	34.33 -0.99 1.01	33.88 -0.39 0.97
SENECA___ENERGY 23797	40.28 -0.34 0.00	33.70 -0.36 0.00	31.93 -0.38 0.00	35.31 -0.41 0.00	33.04 -0.36 0.00	31.20 -0.34 0.00	28.48 -0.31 0.00	33.60 -0.47 0.00	28.72 -0.37 0.00	24.84 -0.33 0.00	27.40 -0.34 0.00	26.37 -0.32 0.00	25.77 -0.28 0.00	24.95 -0.23 0.00	33.18 -0.23 0.00	29.03 -0.24 0.00	37.14 -0.49 -0.28	40.19 -0.68 0.00	51.91 -0.70 0.00	57.81 -0.63 -0.09	41.74 -0.56 0.00	40.49 -0.60 0.00	35.91 -0.42 0.00	34.90 -0.34 0.00
SHOEMAKER___GT 23640	42.11 1.50 0.00	35.33 1.27 0.00	33.42 1.12 0.00	36.95 1.23 0.00	34.63 1.23 0.00	32.72 1.18 0.00	29.97 1.17 0.00	35.64 1.57 0.00	30.47 1.38 0.00	26.39 1.22 0.00	29.13 1.38 0.00	28.00 1.32 0.00	27.33 1.28 0.00	26.53 1.35 0.00	35.25 1.84 0.00	30.81 1.55 0.00	39.35 2.00 0.00	43.10 2.23 0.00	55.53 2.91 0.00	61.55 3.19 0.00	44.39 2.10 0.00	43.16 2.07 0.00	38.10 1.77 0.00	36.78 1.54 0.00
SHOEMAKR_138KV_BK 111 55601	42.10 1.48 0.00	35.31 1.25 0.00	33.40 1.09 0.00	36.93 1.21 0.00	34.61 1.21 0.00	32.70 1.16 0.00	29.96 1.16 0.00	35.62 1.55 0.00	30.45 1.36 0.00	26.39 1.22 0.00	29.13 1.38 0.00	28.01 1.32 0.00	27.35 1.30 0.00	26.55 1.36 0.00	35.27 1.86 0.00	30.81 1.55 0.00	39.35 2.00 0.00	43.07 2.21 0.00	55.49 2.87 0.00	61.50 3.14 0.00	44.37 2.07 0.00	43.15 2.06 0.00	38.09 1.75 0.00	36.76 1.52 0.00
SHOREHAM_IC_1 23715	48.23 1.85 -5.75	45.05 1.65 -9.34	43.72 1.52 -9.89	45.75 1.70 -8.33	45.73 1.63 -10.69	45.81 1.61 -12.66	45.91 1.53 -15.58	41.21 2.00 -5.14	31.39 1.68 -0.62	26.67 1.51 0.00	29.27 1.53 0.00	28.09 1.41 0.00	27.40 1.35 0.00	26.61 1.43 0.00	35.24 1.83 0.00	23.01 1.24 7.49	32.44 1.70 6.61	35.95 2.03 6.95	44.44 2.06 10.23	48.85 2.06 11.57	36.04 1.47 7.73	35.97 1.56 6.68	37.58 1.24 0.00	36.19 0.95 0.00
SHOREHAM_IC_2 23716	48.23 1.86 -5.75	45.03 1.64 -9.34	43.71 1.51 -9.89	45.73 1.68 -8.33	45.72 1.62 -10.69	45.79 1.60 -12.66	45.89 1.52 -15.58	41.20 1.99 -5.14	31.37 1.66 -0.62	26.67 1.51 0.00	29.27 1.53 0.00	28.09 1.41 0.00	27.40 1.35 0.00	26.61 1.43 0.00	35.24 1.84 0.00	23.03 1.25 7.49	32.44 1.70 6.61	35.95 2.03 6.95	44.44 2.06 10.23	48.85 2.06 11.57	36.05 1.48 7.73	35.98 1.57 6.68	37.58 1.25 0.00	36.19 0.95 0.00
SISSONVILLE___ 23735	41.40 0.78 0.00	34.68 0.62 0.00	32.87 0.56 0.00	36.38 0.66 0.00	33.93 0.53 0.00	31.96 0.43 0.00	29.18 0.38 0.00	34.48 0.40 0.00	29.28 0.19 0.00	25.04 -0.13 0.00	27.33 -0.42 0.00	26.26 -0.42 0.00	25.67 -0.38 0.00	24.93 -0.25 0.00	33.05 -0.36 0.00	28.96 -0.30 0.00	36.36 -0.33 0.66	36.41 -0.24 4.22	51.70 -0.38 0.53	56.92 -0.03 1.41	42.51 0.21 0.00	41.51 0.42 0.00	36.81 0.47 0.00	35.72 0.49 0.00
SITHE_IND_GS1 24169	39.36 -1.26 0.00	33.00 -1.06 0.00	31.29 -1.01 0.00	34.59 -1.13 0.00	32.37 -1.03 0.00	30.55 -0.98 0.00	27.88 -0.92 0.00	32.90 -1.17 0.00	28.09 -1.00 0.00	24.31 -0.85 0.00	26.80 -0.94 0.00	25.81 -0.88 0.00	25.20 -0.85 0.00	24.36 -0.83 0.00	32.32 -1.08 0.00	28.36 -0.91 0.00	36.17 -1.18 0.00	39.57 -1.30 0.00	50.96 -1.65 0.00	55.40 -1.86 1.10	40.94 -1.35 0.00	39.72 -1.37 0.00	35.12 -1.21 0.00	34.07 -1.17 0.00
SITHE_IND_GS2 24170	39.36 -1.26 0.00	33.00 -1.06 0.00	31.29 -1.01 0.00	34.59 -1.13 0.00	32.37 -1.03 0.00	30.55 -0.98 0.00	27.88 -0.92 0.00	32.90 -1.17 0.00	28.09 -1.00 0.00	24.31 -0.85 0.00	26.80 -0.94 0.00	25.81 -0.88 0.00	25.20 -0.85 0.00	24.36 -0.83 0.00	32.32 -1.08 0.00	28.36 -0.91 0.00	36.17 -1.18 0.00	39.57 -1.30 0.00	50.96 -1.65 0.00	55.40 -1.86 1.10	40.94 -1.35 0.00	39.72 -1.37 0.00	35.12 -1.21 0.00	34.07 -1.17 0.00
SITHE_IND_GS3 24171	39.36 -1.26 0.00	33.00 -1.06 0.00	31.29 -1.01 0.00	34.59 -1.13 0.00	32.37 -1.03 0.00	30.55 -0.98 0.00	27.88 -0.92 0.00	32.90 -1.17 0.00	28.09 -1.00 0.00	24.31 -0.85 0.00	26.80 -0.94 0.00	25.81 -0.88 0.00	25.20 -0.85 0.00	24.36 -0.83 0.00	32.32 -1.08 0.00	28.36 -0.91 0.00	36.17 -1.18 0.00	39.57 -1.30 0.00	50.96 -1.65 0.00	55.40 -1.86 1.10	40.94 -1.35 0.00	39.72 -1.37 0.00	35.12 -1.21 0.00	34.07 -1.17 0.00
SITHE_IND_GS4 24172	39.36 -1.26 0.00	33.00 -1.06 0.00	31.29 -1.01 0.00	34.59 -1.13 0.00	32.37 -1.03 0.00	30.55 -0.98 0.00	27.88 -0.92 0.00	32.90 -1.17 0.00	28.09 -1.00 0.00	24.31 -0.85 0.00	26.80 -0.94 0.00	25.81 -0.88 0.00	25.20 -0.85 0.00	24.36 -0.83 0.00	32.32 -1.08 0.00	28.36 -0.91 0.00	36.17 -1.18 0.00	39.57 -1.30 0.00	50.96 -1.65 0.00	55.40 -1.86 1.10	40.94 -1.35 0.00	39.72 -1.37 0.00	35.12 -1.21 0.00	34.07 -1.17 0.00

SITHE___BATAVIA 24024	40.47 0.03 0.17	33.85 -0.12 0.09	32.15 -0.16 0.00	35.49 -0.21 0.03	33.33 -0.07 0.00	31.52 0.00 0.02	28.51 -0.10 0.19	32.96 -0.49 0.62	23.86 -0.29 4.94	25.01 -0.06 0.10	27.80 0.06 0.00	27.03 0.34 0.00	26.41 0.36 0.00	25.47 0.29 0.00	33.71 0.30 0.00	29.17 0.21 0.30	36.32 -0.29 0.74	39.55 -0.84 0.48	51.26 -0.67 0.69	56.42 -0.49 1.45	41.36 -0.27 0.67	39.91 -0.50 0.68	35.35 -0.34 0.65	34.76 0.15 0.62
SITHE___INDEPEND 23800	39.37 -1.25 0.00	33.00 -1.06 0.00	31.29 -1.02 0.00	34.59 -1.13 0.00	32.37 -1.03 0.00	30.56 -0.98 0.00	27.87 -0.92 0.00	32.91 -1.17 0.00	28.09 -1.00 0.00	24.31 -0.85 0.00	26.80 -0.94 0.00	25.81 -0.88 0.00	25.20 -0.85 0.00	24.35 -0.83 0.00	32.32 -1.08 0.00	28.36 -0.91 0.00	36.17 -1.18 0.00	39.57 -1.30 0.00	50.97 -1.65 0.00	55.40 -1.85 1.10	40.95 -1.35 0.00	39.72 -1.37 0.00	35.12 -1.21 0.00	34.07 -1.17 0.00
SITHE___MASSENA 23902	41.10 0.49 0.00	34.42 0.36 0.00	32.64 0.34 0.00	36.13 0.41 0.00	33.69 0.29 0.00	31.74 0.20 0.00	28.99 0.19 0.00	34.25 0.17 0.00	29.16 0.07 0.00	25.15 -0.02 0.00	27.69 -0.05 0.00	26.66 -0.02 0.00	26.02 -0.03 0.00	25.17 -0.01 0.00	33.38 -0.03 0.00	29.19 -0.08 0.00	36.29 -0.20 0.86	35.14 -0.20 5.52	51.71 -0.22 0.69	56.30 -0.22 1.84	42.29 -0.01 0.00	41.21 0.12 0.00	36.55 0.21 0.00	35.54 0.31 0.00
SITHE___OGDNSBRG 24021	41.92 1.30 0.00	35.09 1.04 0.00	33.27 0.96 0.00	36.83 1.11 0.00	34.33 0.93 0.00	32.34 0.81 0.00	29.55 0.75 0.00	34.92 0.85 0.00	29.62 0.53 0.00	25.26 0.09 0.00	27.61 -0.13 0.00	26.57 -0.12 0.00	25.97 -0.08 0.00	25.16 -0.02 0.00	33.32 -0.09 0.00	29.14 -0.13 0.00	36.57 -0.04 0.74	36.44 0.30 4.73	52.77 0.75 0.59	57.79 1.01 1.58	43.19 0.89 0.00	42.11 1.01 0.00	37.28 0.94 0.00	36.23 1.00 0.00
SITHE___STERLING 23777	41.21 0.60 0.00	34.55 0.49 0.00	32.78 0.48 0.00	36.25 0.53 0.00	33.94 0.54 0.00	32.07 0.54 0.00	29.29 0.49 0.00	34.67 0.60 0.00	29.56 0.48 0.00	25.37 0.20 0.00	27.81 0.07 0.00	26.74 0.06 0.00	26.12 0.07 0.00	25.23 0.05 0.00	33.54 0.13 0.00	29.66 0.40 0.00	38.16 0.81 0.00	41.84 0.97 0.00	53.87 1.25 0.00	59.79 1.43 0.00	43.25 0.95 0.00	41.90 0.81 0.00	36.96 0.63 0.00	35.77 0.54 0.00
SLEIGHT__34_KV_TB1 80719	40.02 -0.60 0.00	33.46 -0.60 0.00	31.73 -0.58 0.00	35.07 -0.65 0.00	32.85 -0.55 0.00	31.02 -0.51 0.00	28.31 -0.49 0.00	33.41 -0.67 0.00	28.52 -0.57 0.00	24.73 -0.43 0.00	27.26 -0.48 0.00	26.30 -0.38 0.00	25.75 -0.30 0.00	24.89 -0.30 0.00	33.06 -0.35 0.00	29.05 -0.21 0.00	36.87 -0.48 0.00	40.14 -0.73 0.00	51.87 -0.74 0.00	57.70 -0.70 -0.04	41.77 -0.53 0.00	40.39 -0.70 0.00	35.71 -0.62 0.00	34.79 -0.45 0.00
SMITHTWN_69_KV_BK 1 55830	49.06 2.15 -6.29	45.35 1.88 -9.41	44.03 1.76 -9.97	46.07 1.96 -8.40	46.06 1.89 -10.78	46.13 1.83 -12.76	46.24 1.74 -15.70	41.51 2.26 -5.18	31.63 1.91 -0.63	26.90 1.74 0.00	29.54 1.80 0.00	28.38 1.69 0.00	27.69 1.63 0.00	26.89 1.71 0.00	35.60 2.19 0.00	23.53 1.53 7.26	36.27 2.04 3.12	39.91 2.31 3.27	50.30 2.51 4.82	55.74 2.82 5.45	40.67 2.01 3.64	40.05 2.11 3.14	38.08 1.75 0.00	36.69 1.45 0.00
SOUTH CAIRO___GT 23612	42.15 1.53 0.00	35.34 1.28 0.00	33.57 1.26 0.00	37.04 1.33 0.00	34.68 1.28 0.00	32.86 1.33 0.00	30.08 1.29 0.00	35.77 1.70 0.00	30.54 1.45 0.00	26.19 1.02 0.00	28.63 0.88 0.00	27.32 0.63 0.00	26.71 0.66 0.00	25.95 0.77 0.00	34.46 1.05 0.00	30.45 1.19 0.00	38.98 1.63 0.00	43.14 2.27 0.00	55.69 3.07 0.00	61.65 3.29 0.00	44.54 2.24 0.00	43.11 2.02 0.00	37.91 1.58 0.00	36.59 1.36 0.00
SOUTH HAMPTN___IC 23720	48.91 2.60 -5.69	45.64 2.26 -9.32	44.28 2.10 -9.87	46.34 2.31 -8.32	46.27 2.20 -10.67	46.33 2.16 -12.64	46.34 2.00 -15.55	41.75 2.55 -5.13	31.88 2.17 -0.62	27.16 2.00 0.00	29.82 2.08 0.00	28.62 1.93 0.00	27.91 1.85 0.00	27.10 1.92 0.00	35.90 2.50 0.00	23.59 1.85 7.52	32.87 2.52 7.00	36.45 2.93 7.35	44.37 2.57 10.82	48.37 2.24 12.23	35.69 1.56 8.17	35.64 1.61 7.07	37.59 1.26 0.00	36.19 0.96 0.00
SOUTHDOW_115KV_TB1 355954	39.45 -1.16 0.00	32.84 -1.22 0.00	30.95 -1.36 0.00	34.44 -1.28 0.00	32.35 -1.05 0.00	30.44 -1.09 0.00	27.61 -1.19 0.00	32.54 -1.54 0.00	28.00 -1.09 0.00	24.52 -0.65 0.00	27.53 -0.21 0.00	26.66 -0.02 0.00	25.85 -0.20 0.00	24.84 -0.34 0.00	32.87 -0.54 0.00	28.75 -0.51 0.00	35.60 -1.05 0.70	39.38 -1.49 0.00	51.23 -1.38 0.00	57.50 -0.86 0.00	41.43 -0.86 0.00	40.16 -0.93 0.00	35.45 -0.88 0.00	34.64 -0.59 0.00
SOUTHOLD_69_KV_BK 2 55809	49.38 3.07 -5.69	46.00 2.62 -9.32	44.63 2.45 -9.87	46.69 2.66 -8.32	46.59 2.52 -10.67	46.65 2.47 -12.64	46.59 2.24 -15.55	42.03 2.82 -5.13	32.14 2.43 -0.62	27.48 2.32 0.00	30.18 2.44 0.00	28.96 2.27 0.00	28.24 2.19 0.00	27.43 2.24 0.00	36.33 2.92 0.00	24.00 2.26 7.52	33.42 3.06 6.99	37.08 3.56 7.34	44.37 2.56 10.81	47.85 1.72 12.22	35.31 1.17 8.16	35.24 1.21 7.06	37.19 0.86 0.00	35.78 0.55 0.00
SOUTHOLD___IC 23719	49.38 3.07 -5.69	46.02 2.64 -9.32	44.64 2.46 -9.87	46.71 2.67 -8.32	46.61 2.54 -10.67	46.66 2.49 -12.64	46.60 2.25 -15.55	42.05 2.84 -5.13	32.16 2.45 -0.62	27.48 2.32 0.00	30.19 2.44 0.00	28.96 2.27 0.00	28.24 2.18 0.00	27.43 2.24 0.00	36.32 2.91 0.00	23.99 2.25 7.52	33.43 3.06 6.99	37.08 3.56 7.34	44.37 2.56 10.81	47.85 1.72 12.22	35.30 1.17 8.16	35.23 1.20 7.06	37.19 0.86 0.00	35.78 0.55 0.00
SOUTH_FORK_WT_PWR 323839	49.48 3.18 -5.69	46.11 2.73 -9.32	44.72 2.54 -9.87	46.76 2.73 -8.32	46.65 2.58 -10.67	46.70 2.53 -12.64	46.60 2.25 -15.55	42.02 2.81 -5.13	32.16 2.45 -0.62	27.55 2.38 0.00	30.27 2.53 0.00	29.04 2.36 0.00	28.32 2.27 0.00	27.50 2.32 0.00	36.42 3.01 0.00	24.08 2.34 7.52	33.55 3.19 6.99	37.21 3.69 7.35	43.86 2.06 10.81	46.86 0.73 12.23	34.56 0.43 8.17	34.51 0.48 7.06	36.55 0.22 0.00	35.17 -0.07 0.00
SPIERFLS_115KV_TB 1 80737	42.12 1.51 0.00	35.31 1.25 0.00	33.52 1.22 0.00	37.04 1.32 0.00	34.63 1.23 0.00	32.76 1.22 0.00	30.03 1.24 0.00	35.66 1.59 0.00	30.36 1.27 0.00	26.08 0.92 0.00	28.52 0.77 0.00	27.23 0.54 0.00	26.61 0.56 0.00	25.88 0.70 0.00	34.39 0.98 0.00	30.24 0.98 0.00	39.13 1.78 0.00	43.14 2.27 0.00	55.60 2.98 0.00	61.66 3.31 0.00	44.44 2.14 0.00	42.94 1.84 0.00	37.80 1.47 0.00	36.51 1.28 0.00
ST LAWRENCE____ 23600	40.73 0.11 0.00	34.13 0.07 0.00	32.36 0.06 0.00	35.83 0.11 0.00	33.43 0.02 0.00	31.51 -0.03 0.00	28.77 -0.03 0.00	34.00 -0.08 0.00	28.95 -0.13 0.00	25.02 -0.14 0.00	27.58 -0.16 0.00	26.56 -0.13 0.00	25.92 -0.14 0.00	25.07 -0.12 0.00	33.24 -0.16 0.00	29.06 -0.21 0.00	36.07 -0.39 0.90	34.69 -0.44 5.74	51.35 -0.55 0.72	55.81 -0.64 1.92	41.96 -0.33 0.00	40.88 -0.21 0.00	36.25 -0.08 0.00	35.25 0.01 0.00

STATE_CA_115KV_115_LB 55624	41.16 0.53 0.00	34.57 0.51 0.00	32.84 0.53 0.00	36.24 0.52 0.00	33.95 0.55 0.00	32.14 0.60 0.00	29.41 0.61 0.00	34.89 0.81 0.00	29.80 0.71 0.00	25.81 0.64 0.00	28.38 0.63 0.00	27.23 0.54 0.00	26.60 0.55 0.00	25.78 0.60 0.00	34.17 0.76 0.00	30.01 0.75 0.00	38.35 1.00 0.00	42.03 1.16 0.00	54.12 1.51 0.00	59.97 1.61 0.00	43.35 1.05 0.00	42.07 0.98 0.00	37.10 0.76 0.00	35.84 0.61 0.00
STATE_ST_34_KV_LOAD 55959	40.63 0.01 0.00	33.93 -0.13 0.00	32.23 -0.08 0.00	35.66 -0.06 0.00	33.39 -0.01 0.00	31.43 -0.11 0.00	28.66 -0.14 0.00	33.97 -0.11 0.00	28.92 -0.17 0.00	25.00 -0.16 0.00	27.49 -0.25 0.00	26.42 -0.26 0.00	25.90 -0.15 0.00	25.00 -0.18 0.00	33.26 -0.15 0.00	29.30 0.03 0.00	37.31 -0.04 0.00	40.86 -0.01 0.00	52.72 0.11 0.00	58.70 0.25 -0.10	42.36 0.06 0.00	41.02 -0.07 0.00	36.37 0.04 0.00	35.29 0.06 0.00
STATION_5_MISC_HYD 23604	40.24 -0.27 0.10	33.67 -0.34 0.05	31.96 -0.34 0.00	35.28 -0.42 0.02	33.07 -0.33 0.00	31.26 -0.26 0.01	28.40 -0.28 0.11	33.20 -0.51 0.36	25.83 -0.38 2.88	24.92 -0.19 0.06	27.64 -0.10 0.00	26.80 0.11 0.00	26.17 0.12 0.00	25.24 0.06 0.00	33.51 0.10 0.00	29.15 0.06 0.18	37.06 -0.29 0.00	40.01 -0.58 0.28	51.70 -0.52 0.40	57.07 -0.44 0.84	41.60 -0.31 0.39	40.22 -0.47 0.40	35.56 -0.39 0.38	34.75 -0.12 0.36
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.19 -0.43 0.00	33.64 -0.42 0.00	31.86 -0.45 0.00	35.22 -0.50 0.00	32.99 -0.41 0.00	31.17 -0.37 0.00	28.44 -0.35 0.00	33.52 -0.56 0.00	28.68 -0.41 0.00	24.86 -0.30 0.00	27.46 -0.28 0.00	26.53 -0.15 0.00	25.92 -0.13 0.00	25.03 -0.15 0.00	33.26 -0.15 0.00	29.15 -0.11 0.00	36.99 -0.36 0.00	40.33 -0.54 0.00	52.13 -0.49 0.00	57.98 -0.42 -0.05	41.95 -0.35 0.00	40.63 -0.46 0.00	35.99 -0.35 0.00	35.04 -0.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.07 -0.55 0.00	33.51 -0.55 0.00	31.75 -0.55 0.00	35.08 -0.64 0.00	32.87 -0.53 0.00	31.07 -0.46 0.00	28.34 -0.46 0.00	33.36 -0.72 0.00	28.53 -0.56 0.00	24.81 -0.35 0.00	27.45 -0.29 0.00	26.59 -0.09 0.00	25.98 -0.07 0.00	25.06 -0.12 0.00	33.27 -0.14 0.00	29.12 -0.14 0.00	36.84 -0.51 0.00	40.04 -0.83 0.00	51.77 -0.84 0.00	57.51 -0.85 0.00	41.69 -0.61 0.00	40.33 -0.76 0.00	35.70 -0.64 0.00	34.86 -0.37 0.00
STA_56___34_KV_BUS2 355983	40.07 -0.55 0.00	33.51 -0.55 0.00	31.75 -0.55 0.00	35.08 -0.64 0.00	32.87 -0.53 0.00	31.07 -0.46 0.00	28.34 -0.46 0.00	33.36 -0.72 0.00	28.53 -0.56 0.00	24.81 -0.35 0.00	27.45 -0.29 0.00	26.59 -0.09 0.00	25.98 -0.07 0.00	25.06 -0.12 0.00	33.27 -0.14 0.00	29.12 -0.14 0.00	36.84 -0.51 0.00	40.04 -0.83 0.00	51.77 -0.84 0.00	57.51 -0.85 0.00	41.69 -0.61 0.00	40.33 -0.76 0.00	35.70 -0.64 0.00	34.86 -0.37 0.00
STA_67___115KV_BK2 355882	40.27 -0.35 0.00	33.67 -0.39 0.00	31.92 -0.39 0.00	35.25 -0.47 0.00	33.03 -0.37 0.00	31.22 -0.31 0.00	28.47 -0.32 0.00	33.49 -0.58 0.00	28.67 -0.42 0.00	24.93 -0.24 0.00	27.59 -0.15 0.00	26.75 0.07 0.00	26.12 0.07 0.00	25.19 0.01 0.00	33.44 0.03 0.00	29.26 0.00 0.00	36.97 -0.38 0.00	40.20 -0.67 0.00	51.97 -0.64 0.00	57.76 -0.60 0.00	41.87 -0.43 0.00	40.53 -0.56 0.00	35.86 -0.47 0.00	35.04 -0.19 0.00
STA_7___115KV_9TRANS 80674	40.49 -0.13 0.00	33.84 -0.22 0.00	32.06 -0.24 0.00	35.41 -0.30 0.00	33.18 -0.22 0.00	31.37 -0.17 0.00	28.61 -0.19 0.00	33.67 -0.41 0.00	28.81 -0.28 0.00	25.06 -0.11 0.00	27.75 0.01 0.00	26.90 0.22 0.00	26.29 0.24 0.00	25.35 0.17 0.00	33.67 0.26 0.00	29.47 0.21 0.00	37.25 -0.10 0.00	40.52 -0.35 0.00	52.40 -0.21 0.00	58.23 -0.13 0.00	42.20 -0.10 0.00	40.82 -0.27 0.00	36.09 -0.24 0.00	35.25 0.02 0.00
STA_82___115KV_TB1 80780	40.29 -0.33 0.00	33.68 -0.38 0.00	31.92 -0.39 0.00	35.26 -0.46 0.00	33.04 -0.36 0.00	31.23 -0.30 0.00	28.48 -0.31 0.00	33.51 -0.57 0.00	28.67 -0.42 0.00	24.93 -0.23 0.00	27.61 -0.14 0.00	26.75 0.07 0.00	26.13 0.08 0.00	25.20 0.02 0.00	33.44 0.04 0.00	29.27 0.01 0.00	36.99 -0.36 0.00	40.20 -0.67 0.00	51.99 -0.62 0.00	57.77 -0.59 0.00	41.90 -0.40 0.00	40.54 -0.55 0.00	35.87 -0.46 0.00	35.06 -0.18 0.00
STEEL___WIND 323596	39.50 -0.85 0.27	33.01 -0.90 0.15	31.38 -0.93 0.00	34.66 -1.02 0.04	32.55 -0.85 0.00	30.73 -0.78 0.03	27.70 -0.80 0.29	31.79 -1.31 0.97	20.45 -0.94 7.69	24.47 -0.54 0.15	27.49 -0.25 0.00	26.73 0.04 0.00	25.89 -0.17 0.00	24.91 -0.27 0.00	32.98 -0.43 0.00	28.33 -0.46 0.47	34.64 -1.36 1.35	38.07 -2.04 0.75	49.38 -2.16 1.07	54.24 -1.87 2.25	39.95 -1.30 1.05	38.63 -1.39 1.07	34.28 -1.04 1.01	33.83 -0.43 0.97
STEPHTWN_115KV_BK_2 55603	41.40 0.79 0.00	34.69 0.63 0.00	32.96 0.65 0.00	36.38 0.66 0.00	34.10 0.70 0.00	32.27 0.74 0.00	29.56 0.76 0.00	35.14 1.07 0.00	29.95 0.86 0.00	25.95 0.78 0.00	28.47 0.73 0.00	27.31 0.62 0.00	26.68 0.62 0.00	25.91 0.73 0.00	34.34 0.93 0.00	30.14 0.88 0.00	38.58 1.23 0.00	42.27 1.40 0.00	54.48 1.86 0.00	60.37 2.02 0.00	43.59 1.29 0.00	42.21 1.11 0.00	37.31 0.98 0.00	36.03 0.79 0.00
STEUBEN_REC_LFGE 323667	38.57 -2.05 0.00	32.40 -1.66 0.00	30.50 -1.81 0.00	33.83 -1.89 0.00	31.69 -1.71 0.00	29.90 -1.64 0.00	27.25 -1.54 0.00	31.97 -2.11 0.00	27.47 -1.62 0.00	23.86 -1.31 0.00	26.39 -1.35 0.00	25.31 -1.38 0.00	24.43 -1.62 0.00	23.50 -1.68 0.00	31.25 -2.15 0.00	27.36 -1.90 0.00	37.26 -2.71 -2.62	37.70 -3.17 0.00	49.19 -3.42 0.00	55.24 -3.11 0.00	40.43 -1.87 0.00	39.56 -1.53 0.00	35.60 -0.74 0.00	34.98 -0.25 0.00
STILLWATER___SOLAR 323814	42.22 1.60 0.00	35.40 1.34 0.00	33.59 1.28 0.00	37.11 1.39 0.00	34.72 1.32 0.00	32.84 1.31 0.00	30.09 1.29 0.00	35.71 1.63 0.00	30.41 1.32 0.00	26.22 1.05 0.00	28.71 0.96 0.00	27.47 0.79 0.00	26.85 0.80 0.00	26.06 0.87 0.00	34.60 1.19 0.00	30.39 1.13 0.00	39.18 1.83 0.00	43.11 2.24 0.00	55.54 2.93 0.00	61.56 3.21 0.00	44.45 2.15 0.00	43.05 1.96 0.00	37.93 1.60 0.00	36.64 1.41 0.00
STONY___BROOK 24151	48.75 2.13 -6.00	45.34 1.90 -9.38	44.00 1.75 -9.94	46.05 1.96 -8.37	46.04 1.90 -10.74	46.11 1.85 -12.72	46.20 1.75 -15.65	41.50 2.27 -5.16	31.62 1.91 -0.63	26.89 1.73 0.00	29.53 1.79 0.00	28.37 1.68 0.00	27.67 1.62 0.00	26.88 1.70 0.00	35.57 2.17 0.00	23.37 1.49 7.38	34.29 1.99 5.05	37.80 2.23 5.31	47.08 2.28 7.81	52.18 2.66 8.83	38.32 1.92 5.90	38.05 2.06 5.10	38.03 1.70 0.00	36.64 1.41 0.00
STURGEON_POOL_HYD 23609	42.20 1.58 0.00	35.40 1.34 0.00	33.52 1.22 0.00	37.04 1.32 0.00	34.69 1.29 0.00	32.80 1.27 0.00	30.05 1.25 0.00	35.76 1.68 0.00	30.58 1.50 0.00	26.54 1.38 0.00	29.28 1.54 0.00	28.15 1.46 0.00	27.50 1.45 0.00	26.66 1.48 0.00	35.39 1.98 0.00	30.90 1.64 0.00	39.44 2.09 0.00	43.12 2.25 0.00	55.53 2.92 0.00	61.59 3.23 0.00	44.48 2.18 0.00	43.24 2.15 0.00	38.17 1.83 0.00	36.83 1.59 0.00

ST_LAW_115_BK7_LBMP 345037	40.75 0.13 0.00	34.15 0.09 0.00	32.38 0.08 0.00	35.85 0.13 0.00	33.43 0.03 0.00	31.51 -0.02 0.00	28.77 -0.03 0.00	34.00 -0.08 0.00	28.96 -0.13 0.00	25.01 -0.16 0.00	27.56 -0.18 0.00	26.54 -0.15 0.00	25.90 -0.15 0.00	25.05 -0.13 0.00	33.22 -0.19 0.00	29.03 -0.23 0.00	36.04 -0.42 0.89	34.71 -0.47 5.69	51.32 -0.58 0.71	55.81 -0.65 1.90	41.96 -0.34 0.00	40.88 -0.21 0.00	36.25 -0.08 0.00	35.25 0.02 0.00
ST_LAW_115_BK8_LBMP 345038	40.75 0.13 0.00	34.15 0.09 0.00	32.38 0.08 0.00	35.85 0.13 0.00	33.43 0.03 0.00	31.51 -0.02 0.00	28.77 -0.03 0.00	34.00 -0.08 0.00	28.96 -0.13 0.00	25.01 -0.16 0.00	27.56 -0.18 0.00	26.54 -0.15 0.00	25.90 -0.15 0.00	25.05 -0.13 0.00	33.22 -0.19 0.00	29.03 -0.23 0.00	36.04 -0.42 0.89	34.71 -0.47 5.69	51.32 -0.58 0.71	55.81 -0.65 1.90	41.96 -0.34 0.00	40.88 -0.21 0.00	36.25 -0.08 0.00	35.25 0.02 0.00
ST_LAW_230_BK5_LBMP 345035	40.73 0.11 0.00	34.13 0.07 0.00	32.36 0.06 0.00	35.83 0.11 0.00	33.43 0.02 0.00	31.51 -0.03 0.00	28.77 -0.03 0.00	34.00 -0.08 0.00	28.95 -0.13 0.00	25.02 -0.14 0.00	27.58 -0.16 0.00	26.56 -0.13 0.00	25.92 -0.14 0.00	25.07 -0.12 0.00	33.24 -0.16 0.00	29.06 -0.21 0.00	36.06 -0.39 0.91	34.62 -0.44 5.81	51.34 -0.55 0.72	55.78 -0.64 1.94	41.96 -0.33 0.00	40.88 -0.21 0.00	36.25 -0.08 0.00	35.25 0.01 0.00
ST_LAW_230_BK6_LBMP 345036	40.73 0.11 0.00	34.13 0.07 0.00	32.36 0.06 0.00	35.83 0.11 0.00	33.43 0.02 0.00	31.51 -0.03 0.00	28.77 -0.03 0.00	34.00 -0.08 0.00	28.95 -0.13 0.00	25.02 -0.14 0.00	27.58 -0.16 0.00	26.56 -0.13 0.00	25.92 -0.14 0.00	25.07 -0.12 0.00	33.24 -0.16 0.00	29.06 -0.21 0.00	36.06 -0.39 0.91	34.62 -0.44 5.81	51.34 -0.55 0.72	55.78 -0.64 1.94	41.96 -0.33 0.00	40.88 -0.21 0.00	36.25 -0.08 0.00	35.25 0.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.17 1.56 0.00	35.38 1.32 0.00	33.45 1.15 0.00	36.99 1.27 0.00	34.68 1.28 0.00	32.77 1.23 0.00	30.03 1.23 0.00	35.71 1.64 0.00	30.53 1.44 0.00	26.49 1.33 0.00	29.24 1.49 0.00	28.14 1.45 0.00	27.51 1.46 0.00	26.71 1.53 0.00	35.46 2.06 0.00	30.97 1.71 0.00	39.55 2.20 0.00	43.24 2.37 0.00	55.70 3.09 0.00	61.73 3.37 0.00	44.51 2.21 0.00	43.29 2.20 0.00	38.20 1.87 0.00	36.85 1.62 0.00
SWANROAD_115KV_TB1 355699	39.29 -1.33 0.00	32.82 -1.24 0.00	31.12 -1.19 0.00	34.36 -1.36 0.00	32.27 -1.12 0.00	30.55 -0.98 0.00	27.70 -1.09 0.00	32.18 -1.89 0.00	27.67 -1.42 0.00	24.33 -0.83 0.00	27.15 -0.59 0.00	26.45 -0.23 0.00	25.64 -0.42 0.00	24.68 -0.50 0.00	32.63 -0.78 0.00	28.47 -0.79 0.00	34.38 -1.87 1.09	37.86 -3.01 0.00	49.06 -3.55 0.00	54.76 -3.60 0.00	39.96 -2.34 0.00	38.64 -2.45 0.00	34.37 -1.96 0.00	34.03 -1.21 0.00
SYNERGY___BIOGAS 323694	40.64 0.02 0.00	33.94 -0.12 0.00	32.15 -0.16 0.00	35.51 -0.21 0.00	33.33 -0.07 0.00	31.54 0.01 0.00	28.70 -0.10 0.00	33.57 -0.51 0.00	28.79 -0.31 0.00	25.10 -0.06 0.00	27.80 0.06 0.00	27.03 0.34 0.00	26.41 0.36 0.00	25.47 0.29 0.00	33.71 0.30 0.00	29.47 0.21 0.00	36.32 -0.29 0.74	40.03 -0.84 0.00	51.95 -0.67 0.00	57.84 -0.52 0.00	42.01 -0.29 0.00	40.59 -0.50 0.00	36.00 -0.34 0.00	35.38 0.15 0.00
SYRACUSE___ENERGY_ST1 323597	40.27 -0.35 0.00	33.73 -0.33 0.00	31.98 -0.33 0.00	35.35 -0.36 0.00	33.09 -0.31 0.00	31.23 -0.30 0.00	28.51 -0.29 0.00	33.69 -0.39 0.00	28.74 -0.35 0.00	24.84 -0.32 0.00	27.38 -0.36 0.00	26.35 -0.33 0.00	25.77 -0.28 0.00	24.93 -0.26 0.00	33.13 -0.28 0.00	29.08 -0.18 0.00	37.15 -0.20 0.00	40.63 -0.24 0.00	52.37 -0.24 0.00	58.22 -0.26 -0.13	42.04 -0.26 0.00	40.76 -0.33 0.00	36.04 -0.29 0.00	34.93 -0.30 0.00
SYRACUSE___ENERGY_ST2 323598	40.27 -0.35 0.00	33.73 -0.33 0.00	31.98 -0.33 0.00	35.35 -0.36 0.00	33.09 -0.31 0.00	31.23 -0.30 0.00	28.51 -0.29 0.00	33.69 -0.39 0.00	28.74 -0.35 0.00	24.84 -0.32 0.00	27.38 -0.36 0.00	26.35 -0.33 0.00	25.77 -0.28 0.00	24.93 -0.26 0.00	33.13 -0.28 0.00	29.08 -0.18 0.00	37.15 -0.20 0.00	40.63 -0.24 0.00	52.37 -0.24 0.00	58.22 -0.26 -0.13	42.04 -0.26 0.00	40.76 -0.33 0.00	36.04 -0.29 0.00	34.93 -0.30 0.00
SYRACUSE___POWER 24017	40.27 -0.35 0.00	33.75 -0.32 0.00	31.98 -0.33 0.00	35.34 -0.37 0.00	33.07 -0.33 0.00	31.23 -0.30 0.00	28.52 -0.28 0.00	33.69 -0.39 0.00	28.77 -0.31 0.00	24.85 -0.31 0.00	27.41 -0.33 0.00	26.38 -0.30 0.00	25.77 -0.28 0.00	24.94 -0.25 0.00	33.14 -0.27 0.00	29.08 -0.18 0.00	37.18 -0.17 0.00	40.66 -0.21 0.00	52.39 -0.22 0.00	58.18 -0.22 -0.04	42.07 -0.23 0.00	40.79 -0.30 0.00	36.05 -0.29 0.00	34.93 -0.31 0.00
TALLMAN_138KV_BK151 55660	42.23 1.61 0.00	35.42 1.36 0.00	33.49 1.18 0.00	37.03 1.31 0.00	34.73 1.33 0.00	32.81 1.28 0.00	30.08 1.28 0.00	35.80 1.72 0.00	30.60 1.51 0.00	26.57 1.40 0.00	29.30 1.56 0.00	28.22 1.53 0.00	27.61 1.56 0.00	26.83 1.64 0.00	35.60 2.20 0.00	31.08 1.81 0.00	39.66 2.31 0.00	43.35 2.48 0.00	55.82 3.20 0.00	61.83 3.48 0.00	44.57 2.27 0.00	43.37 2.28 0.00	38.28 1.94 0.00	36.92 1.69 0.00
TEALLAVE_115KV_TB7 355573	40.06 -0.56 0.00	33.57 -0.49 0.00	31.82 -0.49 0.00	35.17 -0.54 0.00	32.92 -0.48 0.00	31.10 -0.44 0.00	28.38 -0.42 0.00	33.51 -0.56 0.00	28.64 -0.46 0.00	24.76 -0.41 0.00	27.30 -0.44 0.00	26.29 -0.40 0.00	25.68 -0.38 0.00	24.83 -0.35 0.00	33.00 -0.41 0.00	28.95 -0.31 0.00	36.97 -0.38 0.00	40.42 -0.45 0.00	52.08 -0.53 0.00	57.82 -0.58 -0.04	41.82 -0.48 0.00	40.55 -0.54 0.00	35.84 -0.50 0.00	34.74 -0.49 0.00
TELGRAPH_34_KV_EAST 80808	39.99 -0.63 0.00	33.40 -0.66 0.00	31.66 -0.65 0.00	34.95 -0.76 0.00	32.82 -0.58 0.00	31.06 -0.48 0.00	28.22 -0.58 0.00	32.91 -1.16 0.00	28.26 -0.83 0.00	24.75 -0.41 0.00	27.54 -0.20 0.00	26.78 0.10 0.00	26.05 0.00 0.00	25.09 -0.09 0.00	33.20 -0.21 0.00	29.00 -0.27 0.00	35.35 -1.08 0.92	39.00 -1.87 0.00	50.56 -2.06 0.00	56.35 -2.01 0.00	41.03 -1.27 0.00	39.67 -1.42 0.00	35.23 -1.11 0.00	34.76 -0.47 0.00
TEMPLE___115KV_TB 2 55572	40.07 -0.54 0.00	33.58 -0.48 0.00	31.83 -0.48 0.00	35.18 -0.54 0.00	32.93 -0.47 0.00	31.11 -0.43 0.00	28.38 -0.42 0.00	33.53 -0.55 0.00	28.64 -0.45 0.00	24.76 -0.41 0.00	27.32 -0.43 0.00	26.30 -0.39 0.00	25.69 -0.36 0.00	24.85 -0.34 0.00	33.02 -0.39 0.00	28.96 -0.30 0.00	36.99 -0.36 0.00	40.44 -0.43 0.00	52.11 -0.51 0.00	57.83 -0.56 -0.03	41.83 -0.47 0.00	40.58 -0.52 0.00	35.85 -0.49 0.00	34.75 -0.48 0.00
TIANA____69_KV_BK 1 55817	48.77 2.46 -5.69	45.51 2.13 -9.32	44.16 1.98 -9.87	46.21 2.17 -8.32	46.16 2.09 -10.67	46.21 2.04 -12.64	46.26 1.91 -15.55	41.65 2.45 -5.13	31.78 2.07 -0.62	27.06 1.90 0.00	29.71 1.97 0.00	28.51 1.83 0.00	27.81 1.75 0.00	27.01 1.83 0.00	35.77 2.37 0.00	23.48 1.74 7.52	32.72 2.36 6.99	36.28 2.75 7.34	44.39 2.58 10.81	48.56 2.42 12.22	35.84 1.71 8.16	35.79 1.76 7.06	37.73 1.40 0.00	36.31 1.08 0.00

TILDEN___115KV_TB1 80814	40.27 -0.35 0.00	33.75 -0.32 0.00	31.98 -0.33 0.00	35.34 -0.37 0.00	33.07 -0.33 0.00	31.23 -0.30 0.00	28.52 -0.28 0.00	33.69 -0.39 0.00	28.77 -0.31 0.00	24.85 -0.31 0.00	27.41 -0.33 0.00	26.38 -0.30 0.00	25.77 -0.28 0.00	24.94 -0.25 0.00	33.14 -0.27 0.00	29.08 -0.18 0.00	37.18 -0.17 0.00	40.66 -0.21 0.00	52.39 -0.22 0.00	58.18 -0.22 -0.04	42.07 -0.23 0.00	40.79 -0.30 0.00	36.05 -0.29 0.00	34.93 -0.31 0.00
TRIGEN___CC 323695	54.64 2.11 -11.92	52.56 1.82 -16.68	51.64 1.67 -17.67	52.44 1.84 -14.88	54.28 1.79 -19.10	55.88 1.73 -22.61	58.30 1.66 -27.83	45.40 2.15 -9.18	31.96 1.76 -1.12	26.80 1.64 0.00	29.52 1.78 0.00	28.39 1.71 0.00	27.74 1.69 0.00	26.96 1.77 0.00	35.73 2.31 -0.01	30.02 1.74 0.99	39.60 2.25 0.00	43.32 2.45 0.00	55.69 3.07 0.00	61.63 3.27 0.00	44.50 2.20 0.00	43.30 2.21 0.00	38.24 1.90 0.00	36.91 1.68 0.00
TRINITY__115KV__4 BK 55933	41.03 0.41 0.00	34.47 0.41 0.00	32.73 0.42 0.00	36.13 0.41 0.00	33.84 0.44 0.00	32.04 0.50 0.00	29.31 0.51 0.00	34.78 0.70 0.00	29.69 0.61 0.00	25.73 0.57 0.00	28.29 0.54 0.00	27.15 0.46 0.00	26.52 0.46 0.00	25.69 0.50 0.00	34.02 0.61 0.00	29.87 0.60 0.00	38.17 0.82 0.00	41.83 0.96 0.00	53.86 1.25 0.00	59.69 1.34 0.00	43.16 0.87 0.00	41.89 0.80 0.00	36.95 0.62 0.00	35.71 0.48 0.00
UNION___PROCESSING_DRP 323587	40.30 -0.32 0.00	33.69 -0.37 0.00	31.93 -0.38 0.00	35.27 -0.45 0.00	33.04 -0.36 0.00	31.24 -0.29 0.00	28.49 -0.31 0.00	33.51 -0.57 0.00	28.67 -0.42 0.00	24.94 -0.22 0.00	27.61 -0.13 0.00	26.75 0.07 0.00	26.13 0.08 0.00	25.20 0.02 0.00	33.45 0.04 0.00	29.28 0.02 0.00	37.00 -0.36 0.00	40.21 -0.66 0.00	52.00 -0.62 0.00	57.79 -0.57 0.00	41.90 -0.40 0.00	40.55 -0.54 0.00	35.88 -0.45 0.00	35.07 -0.17 0.00
UPPER HUDSON___HYD 24058	42.13 1.51 0.00	35.31 1.25 0.00	33.52 1.21 0.00	37.04 1.32 0.00	34.63 1.23 0.00	32.76 1.22 0.00	30.04 1.24 0.00	35.66 1.59 0.00	30.37 1.28 0.00	26.08 0.92 0.00	28.52 0.77 0.00	27.23 0.54 0.00	26.61 0.56 0.00	25.88 0.70 0.00	34.39 0.98 0.00	30.23 0.97 0.00	39.13 1.78 0.00	43.14 2.27 0.00	55.60 2.98 0.00	61.66 3.30 0.00	44.44 2.14 0.00	42.93 1.84 0.00	37.80 1.47 0.00	36.51 1.28 0.00
UPPER RAQUET___HYD 24056	41.40 0.78 0.00	34.67 0.61 0.00	32.87 0.56 0.00	36.38 0.66 0.00	33.93 0.53 0.00	31.96 0.43 0.00	29.18 0.38 0.00	34.48 0.40 0.00	29.28 0.19 0.00	25.04 -0.13 0.00	27.33 -0.42 0.00	26.26 -0.42 0.00	25.67 -0.38 0.00	24.93 -0.25 0.00	33.05 -0.36 0.00	28.96 -0.30 0.00	36.36 -0.33 0.66	36.41 -0.23 4.22	51.70 -0.38 0.53	56.92 -0.03 1.41	42.51 0.21 0.00	41.51 0.42 0.00	36.81 0.47 0.00	35.72 0.49 0.00
VALLEY44_115KV_TB2 355964	40.05 -0.57 0.00	33.45 -0.61 0.00	31.68 -0.62 0.00	35.18 -0.54 0.00	32.92 -0.48 0.00	31.04 -0.50 0.00	28.30 -0.49 0.00	33.39 -0.69 0.00	28.75 -0.34 0.00	25.14 -0.02 0.00	28.08 0.33 0.00	27.20 0.51 0.00	26.38 0.33 0.00	25.21 0.03 0.00	33.19 -0.21 0.00	28.93 -0.34 0.00	35.88 -0.87 0.60	39.49 -1.38 0.00	51.18 -1.44 0.00	57.25 -1.11 0.00	41.46 -0.84 0.00	40.27 -0.83 0.00	35.87 -0.46 0.00	35.26 0.03 0.00
VALLEY___115KV_TB 1-4 80826	42.12 1.50 0.00	35.26 1.20 0.00	33.40 1.09 0.00	36.85 1.14 0.00	34.51 1.11 0.00	32.59 1.05 0.00	29.81 1.01 0.00	35.42 1.34 0.00	30.07 0.98 0.00	25.73 0.57 0.00	28.31 0.57 0.00	27.22 0.53 0.00	26.52 0.47 0.00	25.64 0.45 0.00	33.92 0.52 0.00	29.78 0.52 0.00	38.53 1.13 -0.05	42.94 1.74 -0.34	54.88 2.23 -0.04	60.90 2.42 -0.11	44.01 1.71 0.00	42.66 1.57 0.00	37.60 1.27 0.00	36.44 1.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.99 1.37 0.00	35.18 1.12 0.00	33.35 1.04 0.00	36.86 1.14 0.00	34.50 1.10 0.00	32.58 1.05 0.00	29.80 1.00 0.00	35.34 1.26 0.00	30.25 1.16 0.00	26.12 0.96 0.00	28.94 1.20 0.00	27.84 1.16 0.00	27.13 1.08 0.00	26.11 0.92 0.00	34.63 1.22 0.00	30.36 1.10 0.00	38.88 1.52 0.00	42.47 1.60 0.00	54.58 1.97 0.00	60.59 2.23 0.00	43.84 1.54 0.00	42.55 1.46 0.00	37.56 1.23 0.00	36.33 1.10 0.00
VISCHER___FERRY HYD 24020	41.78 1.17 0.00	35.07 1.01 0.00	33.29 0.98 0.00	36.76 1.05 0.00	34.39 0.99 0.00	32.54 1.00 0.00	29.79 0.99 0.00	35.36 1.28 0.00	30.14 1.05 0.00	26.10 0.94 0.00	28.63 0.89 0.00	27.44 0.75 0.00	26.80 0.74 0.00	25.98 0.79 0.00	34.43 1.02 0.00	30.19 0.93 0.00	38.82 1.47 0.00	42.59 1.72 0.00	54.87 2.26 0.00	60.83 2.47 0.00	43.95 1.65 0.00	42.61 1.52 0.00	37.57 1.24 0.00	36.29 1.06 0.00
V_A_10_SYNC_DSASP 323832	39.78 -0.84 0.00	33.23 -0.83 0.00	31.50 -0.80 0.00	34.82 -0.90 0.00	32.66 -0.74 0.00	30.89 -0.65 0.00	28.09 -0.70 0.00	32.88 -1.20 0.00	28.22 -0.87 0.00	24.70 -0.46 0.00	27.49 -0.25 0.00	26.74 0.05 0.00	25.95 -0.10 0.00	24.98 -0.21 0.00	33.06 -0.35 0.00	28.84 -0.42 0.00	35.25 -1.28 0.82	38.84 -2.03 0.00	50.29 -2.32 0.00	56.08 -2.28 0.00	40.79 -1.51 0.00	39.51 -1.58 0.00	35.13 -1.20 0.00	34.65 -0.58 0.00
V_CMM_10_SYNC_DSASP 323787	40.97 0.35 0.00	34.33 0.27 0.00	32.55 0.25 0.00	36.04 0.32 0.00	33.61 0.21 0.00	31.67 0.14 0.00	28.91 0.12 0.00	34.17 0.09 0.00	29.10 0.02 0.00	25.14 -0.02 0.00	27.71 -0.03 0.00	26.68 -0.01 0.00	26.04 -0.01 0.00	25.18 -0.01 0.00	33.39 -0.02 0.00	29.18 -0.08 0.00	36.24 -0.22 0.89	34.92 -0.25 5.69	51.60 -0.30 0.71	56.12 -0.34 1.90	42.19 -0.11 0.00	41.11 0.02 0.00	36.46 0.12 0.00	35.45 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	41.01 0.39 0.00	34.12 0.06 0.00	32.16 -0.15 0.00	35.71 -0.01 0.00	33.56 0.16 0.00	31.72 0.19 0.00	28.98 0.18 0.00	34.03 -0.05 0.00	28.66 -0.43 0.00	24.63 -0.54 0.00	26.96 -0.79 0.00	25.91 -0.78 0.00	25.38 -0.67 0.00	24.83 -0.36 0.00	33.08 -0.33 0.00	28.78 -0.48 0.00	35.34 -1.13 0.88	33.80 -1.42 5.66	49.84 -2.07 0.71	53.71 -2.76 1.89	25.10 -2.00 15.19	39.71 -1.38 0.00	36.10 -0.24 0.00	35.29 0.06 0.00
V_D_10_SYNC_DSASP 323841	41.10 0.48 0.00	34.42 0.36 0.00	32.64 0.34 0.00	36.13 0.41 0.00	33.69 0.29 0.00	31.74 0.20 0.00	28.99 0.19 0.00	34.25 0.17 0.00	29.16 0.07 0.00	25.15 -0.02 0.00	27.70 -0.04 0.00	26.67 -0.02 0.00	26.03 -0.02 0.00	25.18 0.00 0.00	33.39 -0.02 0.00	29.19 -0.07 0.00	36.30 -0.19 0.87	35.14 -0.19 5.54	51.71 -0.21 0.69	56.30 -0.21 1.85	42.29 0.00 0.00	41.21 0.12 0.00	36.55 0.21 0.00	35.54 0.31 0.00
V_E_10_SYNC_DSASP 323830	41.67 0.99 -0.07	34.85 0.76 -0.04	32.92 0.62 0.00	36.27 0.54 -0.01	33.93 0.53 0.00	31.88 0.34 -0.01	29.25 0.39 -0.07	34.81 0.50 -0.24	31.34 0.38 -1.88	25.15 -0.05 -0.04	27.63 -0.11 0.00	26.53 -0.15 0.00	25.76 -0.29 0.00	24.70 -0.48 0.00	32.68 -0.73 0.00	29.22 -0.14 -0.10	37.90 0.33 -0.21	41.81 0.78 -0.16	54.30 1.45 -0.23	61.12 2.28 -0.48	43.83 1.31 -0.22	42.37 1.06 -0.23	37.32 0.77 -0.21	36.12 0.68 -0.21

V_F_30_NSYNC___DSASP 323816	42.25 1.63 0.00	35.43 1.37 0.00	33.62 1.31 0.00	37.15 1.43 0.00	34.75 1.35 0.00	32.87 1.33 0.00	30.11 1.32 0.00	35.72 1.64 0.00	30.43 1.34 0.00	26.24 1.08 0.00	28.75 1.02 0.00	27.53 0.85 0.00	26.90 0.85 0.00	26.10 0.92 0.00	34.66 1.25 0.00	30.45 1.18 0.00	39.21 1.86 0.00	43.15 2.28 0.00	55.58 2.97 0.00	61.62 3.26 0.00	44.48 2.18 0.00	43.08 1.99 0.00	37.97 1.63 0.00	36.68 1.44 0.00
V_F_30_SYNC_DSASP 323786	41.16 0.53 0.00	34.57 0.50 0.00	32.83 0.52 0.00	36.23 0.51 0.00	33.94 0.54 0.00	32.13 0.60 0.00	29.41 0.61 0.00	34.89 0.81 0.00	29.79 0.71 0.00	25.81 0.64 0.00	28.37 0.63 0.00	27.23 0.54 0.00	26.60 0.55 0.00	25.78 0.60 0.00	34.15 0.74 0.00	30.01 0.74 0.00	38.35 1.00 0.00	42.03 1.16 0.00	54.12 1.50 0.00	59.96 1.60 0.00	43.35 1.05 0.00	42.06 0.97 0.00	37.09 0.76 0.00	35.84 0.61 0.00
V_XM_10_SYNC_DSASP 323789	41.01 0.39 0.00	34.12 0.06 0.00	32.16 -0.15 0.00	35.71 -0.01 0.00	33.56 0.16 0.00	31.72 0.19 0.00	28.98 0.18 0.00	34.03 -0.05 0.00	28.66 -0.43 0.00	24.63 -0.54 0.00	26.96 -0.79 0.00	25.91 -0.78 0.00	25.38 -0.67 0.00	24.83 -0.36 0.00	33.08 -0.33 0.00	28.78 -0.48 0.00	35.34 -1.13 0.88	33.80 -1.42 5.66	49.84 -2.07 0.71	53.71 -2.76 1.89	25.10 -2.00 15.19	39.71 -1.38 0.00	36.10 -0.24 0.00	35.29 0.06 0.00
W.BABYLN_69_KV_BK1 56697	50.48 2.51 -7.36	46.95 2.24 -10.66	45.67 2.07 -11.29	47.53 2.30 -9.51	47.81 2.21 -12.20	48.13 2.14 -14.45	48.61 2.03 -17.78	42.53 2.59 -5.87	31.96 2.16 -0.71	27.11 1.95 0.00	29.81 2.07 0.00	28.63 1.95 0.00	27.94 1.89 0.00	27.13 1.95 0.00	35.97 2.56 0.00	25.21 1.87 5.93	37.96 2.46 1.86	41.73 2.81 1.95	53.25 3.51 2.87	58.91 3.80 3.24	42.75 2.62 2.17	41.84 2.62 1.87	38.60 2.27 0.00	37.21 1.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.43 1.81 0.00	35.59 1.53 0.00	33.65 1.35 0.00	37.21 1.49 0.00	34.89 1.50 0.00	33.08 1.55 0.00	30.33 1.53 0.00	36.10 2.02 0.00	30.77 1.68 0.00	26.69 1.53 0.00	29.44 1.70 0.00	28.35 1.67 0.00	27.73 1.68 0.00	26.94 1.76 0.00	35.76 2.35 0.00	31.22 1.96 0.00	39.85 2.51 0.00	43.56 2.69 0.00	56.11 3.50 0.00	62.15 3.79 0.00	44.80 2.50 0.00	43.59 2.49 0.00	38.46 2.13 0.00	37.10 1.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.55 1.94 0.00	35.72 1.67 0.00	33.80 1.49 0.00	37.35 1.63 0.00	35.00 1.60 0.00	33.08 1.55 0.00	30.33 1.54 0.00	36.11 2.03 0.00	30.88 1.80 0.00	26.85 1.68 0.00	29.62 1.88 0.00	28.53 1.84 0.00	27.92 1.87 0.00	27.14 1.96 0.00	36.01 2.60 0.00	31.42 2.16 0.00	39.96 2.61 0.00	43.59 2.72 0.00	56.11 3.49 0.00	62.15 3.79 0.00	44.83 2.53 0.00	43.64 2.55 0.00	38.55 2.21 0.00	37.22 1.98 0.00
W50THST__13_KV_LOAD 356117	42.70 2.08 0.00	35.85 1.79 0.00	33.90 1.59 0.00	37.46 1.74 0.00	35.11 1.71 0.00	33.19 1.66 0.00	30.44 1.64 0.00	36.23 2.15 0.00	31.00 1.91 0.00	26.94 1.78 0.00	29.74 2.00 0.00	28.64 1.96 0.00	28.03 1.98 0.00	27.25 2.07 0.00	36.15 2.74 0.00	31.54 2.28 0.00	40.12 2.77 0.00	43.75 2.89 0.00	56.32 3.70 0.00	62.38 4.02 0.00	45.00 2.70 0.00	43.80 2.71 0.00	38.68 2.35 0.00	37.35 2.11 0.00
WADING RIVER_IC_1 23522	48.15 1.85 -5.68	45.03 1.66 -9.31	43.70 1.53 -9.87	45.74 1.71 -8.31	45.72 1.65 -10.67	45.79 1.62 -12.63	45.88 1.54 -15.54	41.22 2.02 -5.13	31.40 1.69 -0.62	26.68 1.51 0.00	29.29 1.55 0.00	28.12 1.43 0.00	27.43 1.38 0.00	26.65 1.46 0.00	35.27 1.87 0.00	22.99 1.26 7.53	32.04 1.73 7.04	35.51 2.04 7.40	43.78 2.06 10.88	48.15 2.11 12.31	35.57 1.50 8.22	35.56 1.58 7.11	37.60 1.27 0.00	36.22 0.98 0.00
WADING RIVER_IC_2 23547	48.15 1.85 -5.68	45.03 1.66 -9.31	43.70 1.53 -9.87	45.74 1.71 -8.31	45.72 1.65 -10.67	45.79 1.62 -12.63	45.88 1.54 -15.54	41.22 2.02 -5.13	31.40 1.69 -0.62	26.68 1.51 0.00	29.29 1.55 0.00	28.12 1.43 0.00	27.43 1.38 0.00	26.65 1.46 0.00	35.27 1.87 0.00	22.99 1.26 7.53	32.04 1.73 7.04	35.51 2.04 7.40	43.78 2.06 10.88	48.15 2.11 12.31	35.57 1.50 8.22	35.56 1.58 7.11	37.60 1.27 0.00	36.22 0.98 0.00
WADING RIVER_IC_3 23601	48.15 1.85 -5.68	45.03 1.66 -9.31	43.70 1.53 -9.87	45.74 1.71 -8.31	45.72 1.65 -10.67	45.79 1.62 -12.63	45.88 1.54 -15.54	41.22 2.02 -5.13	31.40 1.69 -0.62	26.68 1.51 0.00	29.29 1.55 0.00	28.12 1.43 0.00	27.43 1.38 0.00	26.65 1.46 0.00	35.27 1.87 0.00	22.99 1.26 7.53	32.04 1.73 7.04	35.51 2.04 7.40	43.78 2.06 10.88	48.15 2.11 12.31	35.57 1.50 8.22	35.56 1.58 7.11	37.60 1.27 0.00	36.22 0.98 0.00
WALDENNY_12_KV_BK2 80841	39.86 -0.76 0.00	33.25 -0.81 0.00	31.46 -0.84 0.00	34.79 -0.93 0.00	32.64 -0.76 0.00	30.85 -0.69 0.00	28.07 -0.73 0.00	32.80 -1.28 0.00	28.19 -0.90 0.00	24.69 -0.47 0.00	27.57 -0.17 0.00	26.81 0.13 0.00	25.96 -0.09 0.00	24.99 -0.19 0.00	33.10 -0.30 0.00	28.89 -0.37 0.00	34.79 -1.24 1.32	38.90 -1.97 0.00	50.51 -2.10 0.00	56.50 -1.86 0.00	41.04 -1.26 0.00	39.74 -1.35 0.00	35.31 -1.02 0.00	34.84 -0.39 0.00
WALDEN___HYDRO 24148	42.38 1.76 0.00	35.54 1.48 0.00	33.61 1.30 0.00	37.16 1.44 0.00	34.83 1.43 0.00	32.92 1.38 0.00	30.17 1.38 0.00	35.90 1.82 0.00	30.69 1.60 0.00	26.62 1.46 0.00	29.36 1.62 0.00	28.25 1.57 0.00	27.61 1.56 0.00	26.80 1.61 0.00	35.60 2.19 0.00	31.09 1.83 0.00	39.72 2.37 0.00	43.45 2.58 0.00	56.00 3.38 0.00	62.07 3.71 0.00	44.75 2.45 0.00	43.52 2.43 0.00	38.39 2.06 0.00	37.03 1.79 0.00
WARRENSBURG____ 23737	42.12 1.51 0.00	35.31 1.25 0.00	33.52 1.22 0.00	37.04 1.32 0.00	34.63 1.23 0.00	32.76 1.22 0.00	30.03 1.24 0.00	35.66 1.59 0.00	30.36 1.27 0.00	26.08 0.92 0.00	28.52 0.77 0.00	27.23 0.54 0.00	26.61 0.56 0.00	25.88 0.70 0.00	34.39 0.98 0.00	30.24 0.98 0.00	39.13 1.78 0.00	43.14 2.27 0.00	55.60 2.98 0.00	61.66 3.31 0.00	44.44 2.14 0.00	42.94 1.84 0.00	37.80 1.47 0.00	36.51 1.28 0.00
WATERSIDE___6 8 9 23538	42.49 1.87 0.00	35.73 1.67 0.00	33.80 1.50 0.00	37.35 1.63 0.00	35.00 1.60 0.00	33.08 1.55 0.00	30.33 1.54 0.00	36.09 2.02 0.00	30.88 1.79 0.00	26.84 1.68 0.00	29.62 1.87 0.00	28.52 1.84 0.00	27.91 1.86 0.00	27.13 1.94 0.00	35.95 2.54 0.00	31.39 2.12 0.00	39.88 2.53 0.00	43.43 2.56 0.00	55.90 3.29 0.00	61.98 3.62 0.00	44.72 2.42 0.00	43.54 2.45 0.00	38.50 2.17 0.00	37.19 1.96 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.65 1.03 0.00	34.90 0.84 0.00	33.07 0.76 0.00	36.52 0.80 0.00	34.19 0.79 0.00	32.29 0.75 0.00	29.53 0.73 0.00	35.04 0.96 0.00	29.81 0.72 0.00	25.60 0.44 0.00	28.16 0.43 0.00	27.08 0.39 0.00	26.40 0.35 0.00	25.52 0.34 0.00	33.81 0.40 0.00	29.66 0.40 0.00	38.25 0.84 -0.05	42.49 1.28 -0.34	54.32 1.66 -0.04	60.29 1.82 -0.11	43.57 1.28 0.00	42.25 1.16 0.00	37.26 0.93 0.00	36.09 0.86 0.00

WDELAWARE___HYD 323627	41.74 1.12 0.00	34.99 0.93 0.00	33.10 0.79 0.00	36.58 0.86 0.00	34.29 0.89 0.00	32.41 0.88 0.00	29.70 0.90 0.00	35.34 1.26 0.00	30.21 1.12 0.00	26.14 0.97 0.00	28.82 1.08 0.00	27.70 1.01 0.00	26.91 0.86 0.00	25.54 0.36 0.00	33.92 0.51 0.00	29.69 0.42 0.00	38.01 0.66 0.00	41.67 0.81 0.00	53.87 1.26 0.00	61.15 2.80 0.00	44.13 1.83 0.00	42.87 1.78 0.00	37.80 1.47 0.00	36.45 1.22 0.00
WEST BABYLON___IC 23714	50.48 2.51 -7.36	46.95 2.24 -10.66	45.67 2.07 -11.29	47.53 2.30 -9.51	47.81 2.21 -12.20	48.13 2.14 -14.45	48.61 2.03 -17.78	42.53 2.59 -5.87	31.96 2.16 -0.71	27.11 1.95 0.00	29.81 2.07 0.00	28.63 1.95 0.00	27.94 1.89 0.00	27.13 1.95 0.00	35.97 2.56 0.00	25.21 1.87 5.93	37.96 2.46 1.86	41.73 2.81 1.95	53.25 3.51 2.87	58.91 3.80 3.24	42.75 2.62 2.17	41.84 2.62 1.87	38.60 2.27 0.00	37.21 1.98 0.00
WEST CANADA___HYD 24049	40.69 0.08 0.00	34.12 0.07 0.00	32.37 0.07 0.00	35.79 0.07 0.00	33.47 0.07 0.00	31.62 0.09 0.00	28.89 0.09 0.00	34.21 0.13 0.00	29.20 0.11 0.00	25.25 0.09 0.00	27.82 0.09 0.00	26.75 0.07 0.00	26.11 0.06 0.00	25.24 0.05 0.00	33.48 0.07 0.00	29.35 0.09 0.00	37.59 0.19 -0.05	41.44 0.23 -0.34	52.94 0.29 -0.04	58.79 0.32 -0.11	42.50 0.20 0.00	41.27 0.18 0.00	36.45 0.12 0.00	35.32 0.08 0.00
WESTERN_NY_WIND 24143	40.59 -0.03 0.00	33.90 -0.15 0.00	32.12 -0.19 0.00	35.47 -0.25 0.00	33.29 -0.11 0.00	31.51 -0.03 0.00	28.66 -0.13 0.00	33.52 -0.56 0.00	28.74 -0.34 0.00	25.07 -0.09 0.00	27.77 0.03 0.00	27.00 0.31 0.00	26.38 0.33 0.00	25.45 0.26 0.00	33.67 0.26 0.00	29.43 0.17 0.00	36.19 -0.36 0.79	39.95 -0.92 0.00	51.84 -0.77 0.00	57.74 -0.62 0.00	41.94 -0.36 0.00	40.52 -0.57 0.00	35.93 -0.40 0.00	35.34 0.11 0.00
WESTOVER___LESR 323668	40.71 0.10 0.00	34.08 0.02 0.00	32.25 -0.06 0.00	35.68 -0.03 0.00	33.39 -0.01 0.00	31.49 -0.05 0.00	28.76 -0.03 0.00	34.04 -0.04 0.00	29.18 0.09 0.00	25.24 0.08 0.00	27.97 0.23 0.00	26.93 0.31 0.00	26.23 0.18 0.00	25.36 0.18 0.00	33.65 0.24 0.00	29.42 0.15 0.00	37.59 0.24 0.00	40.96 0.09 0.00	52.73 0.11 0.00	58.65 0.29 0.00	42.39 0.10 0.00	41.22 0.13 0.00	36.51 0.18 0.00	35.44 0.21 0.00
WETHRSFD_WT_PWR 323626	38.90 -1.66 0.06	32.54 -1.49 0.03	30.77 -1.53 0.00	34.00 -1.71 0.01	31.89 -1.51 0.00	30.08 -1.44 0.01	27.33 -1.40 0.07	31.80 -2.06 0.22	25.75 -1.59 1.75	23.96 -1.17 0.04	26.74 -1.00 0.00	25.87 -0.81 0.00	24.96 -1.09 0.00	23.97 -1.22 0.00	31.90 -1.51 0.00	27.75 -1.41 0.11	29.92 -2.38 5.05	37.82 -2.88 0.17	49.42 -2.95 0.24	55.53 -2.32 0.51	40.35 -1.71 0.24	39.14 -1.71 0.24	34.92 -1.19 0.23	34.37 -0.64 0.22
WHAVSTOR_138KV_BK127 55557	42.21 1.59 0.00	35.41 1.35 0.00	33.48 1.17 0.00	37.03 1.31 0.00	34.71 1.31 0.00	32.79 1.26 0.00	30.06 1.26 0.00	35.77 1.69 0.00	30.59 1.50 0.00	26.56 1.39 0.00	29.29 1.55 0.00	28.20 1.51 0.00	27.59 1.54 0.00	26.80 1.61 0.00	35.56 2.15 0.00	31.04 1.78 0.00	39.61 2.27 0.00	43.27 2.40 0.00	55.74 3.12 0.00	61.74 3.39 0.00	44.51 2.21 0.00	43.31 2.22 0.00	38.23 1.90 0.00	36.88 1.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.21 1.59 0.00	35.41 1.35 0.00	33.48 1.17 0.00	37.03 1.31 0.00	34.71 1.31 0.00	32.79 1.26 0.00	30.06 1.26 0.00	35.77 1.69 0.00	30.59 1.50 0.00	26.56 1.39 0.00	29.29 1.55 0.00	28.20 1.51 0.00	27.59 1.54 0.00	26.80 1.61 0.00	35.56 2.15 0.00	31.04 1.78 0.00	39.61 2.27 0.00	43.27 2.40 0.00	55.74 3.12 0.00	61.74 3.39 0.00	44.51 2.21 0.00	43.31 2.22 0.00	38.23 1.90 0.00	36.88 1.65 0.00
WHITEHAL_115KV_TB1 80871	43.41 2.79 0.00	36.30 2.24 0.00	34.35 2.04 0.00	37.99 2.28 0.00	35.40 2.00 0.00	33.56 2.02 0.00	30.88 2.08 0.00	36.87 2.80 0.00	31.19 2.10 0.00	26.62 1.45 0.00	28.94 1.20 0.00	27.43 0.74 0.00	26.78 0.73 0.00	26.26 1.08 0.00	34.80 1.39 0.00	30.59 1.33 0.00	40.30 2.95 0.00	44.70 3.83 0.00	57.48 4.87 0.00	63.90 5.54 0.00	45.87 3.56 0.00	44.07 2.98 0.00	38.69 2.35 0.00	37.21 1.98 0.00
WHITEPLN_13_KV_LOAD 356215	42.69 2.08 0.00	35.82 1.76 0.00	33.87 1.57 0.00	37.43 1.71 0.00	35.08 1.68 0.00	33.17 1.64 0.00	30.41 1.62 0.00	36.19 2.12 0.00	30.94 1.85 0.00	26.87 1.70 0.00	29.63 1.89 0.00	28.52 1.83 0.00	27.89 1.84 0.00	27.09 1.91 0.00	35.95 2.54 0.00	31.39 2.13 0.00	40.05 2.70 0.00	43.76 2.89 0.00	56.37 3.76 0.00	62.44 4.08 0.00	45.04 2.74 0.00	43.81 2.72 0.00	38.66 2.33 0.00	37.30 2.07 0.00
WM_FLOYD_69_KV_BK2 356380	48.56 2.19 -5.75	45.31 1.91 -9.34	43.98 1.78 -9.90	46.03 1.97 -8.34	46.00 1.90 -10.70	46.06 1.86 -12.67	46.15 1.76 -15.59	41.49 2.27 -5.14	31.61 1.89 -0.62	26.87 1.71 0.00	29.49 1.75 0.00	28.31 1.63 0.00	27.60 1.55 0.00	26.81 1.63 0.00	35.50 2.10 0.00	23.26 1.48 7.49	32.66 2.02 6.71	36.19 2.37 7.05	44.77 2.53 10.37	49.27 2.64 11.73	36.35 1.89 7.84	36.29 1.98 6.77	37.94 1.61 0.00	36.54 1.31 0.00
WOODARD___115KV_TB2 355635	40.01 -0.61 0.00	33.53 -0.53 0.00	31.79 -0.51 0.00	35.14 -0.58 0.00	32.88 -0.52 0.00	31.06 -0.48 0.00	28.34 -0.46 0.00	33.48 -0.60 0.00	28.59 -0.49 0.00	24.72 -0.44 0.00	27.27 -0.47 0.00	26.25 -0.44 0.00	25.64 -0.41 0.00	24.79 -0.39 0.00	32.94 -0.46 0.00	28.90 -0.36 0.00	36.90 -0.45 0.00	40.36 -0.51 0.00	52.00 -0.61 0.00	57.77 -0.68 -0.09	41.75 -0.55 0.00	40.50 -0.60 0.00	35.78 -0.55 0.00	34.69 -0.54 0.00
WOODMERE_69_KV_BK1 55827	54.18 2.51 -11.05	51.68 2.15 -15.47	50.65 1.96 -16.39	51.67 2.15 -13.81	53.20 2.09 -17.71	54.52 2.01 -20.97	56.54 1.92 -25.81	45.04 2.44 -8.51	32.17 2.04 -1.03	27.06 1.90 0.00	29.79 2.05 0.00	28.67 1.98 0.00	28.00 1.95 0.00	27.21 2.03 0.00	36.10 2.67 -0.02	31.14 2.05 0.17	40.02 2.67 0.00	43.79 2.92 0.00	56.28 3.67 0.00	62.27 3.91 0.00	44.96 2.66 0.00	43.73 2.64 0.00	38.61 2.28 0.00	37.25 2.02 0.00
YORK___WARBASSE 23770	42.61 1.99 0.00	35.82 1.76 0.00	33.85 1.54 0.00	37.41 1.70 0.00	35.06 1.66 0.00	33.14 1.61 0.00	30.39 1.59 0.00	36.16 2.08 0.00	30.94 1.85 0.00	26.90 1.74 0.00	29.68 1.94 0.00	28.59 1.91 0.00	27.99 1.94 0.00	27.20 2.02 0.00	36.07 2.66 0.00	31.50 2.24 0.00	40.01 2.66 0.00	43.59 2.72 0.00	56.17 3.55 0.00	62.27 3.91 0.00	44.93 2.64 0.00	43.77 2.68 0.00	38.70 2.36 0.00	37.33 2.09 0.00