

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/12/2025

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	39.12	35.14	32.61	31.55	31.98	33.78	37.73	40.05	38.93	39.54	39.96	40.38	40.20	41.47	41.08	42.03	47.14	58.95	68.09	64.99	48.47	43.74	41.02	37.39
24138	2.00	1.71	1.46	1.33	1.32	1.61	1.62	1.76	1.92	2.06	2.26	2.36	2.38	2.49	2.51	2.53	2.88	3.39	3.55	3.33	2.44	2.40	1.99	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.12	35.21	32.64	31.58	32.01	33.81	37.73	40.09	38.97	39.54	39.96	40.38	40.23	41.50	41.12	42.03	47.14	58.95	68.09	64.99	48.52	43.78	41.06	37.42
24260	2.00	1.77	1.50	1.36	1.35	1.64	1.62	1.80	1.96	2.06	2.26	2.36	2.42	2.53	2.55	2.53	2.88	3.39	3.55	3.33	2.49	2.44	2.03	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.12	35.21	32.64	31.58	32.01	33.81	37.73	40.09	38.97	39.54	39.96	40.38	40.23	41.50	41.12	42.03	47.14	58.95	68.09	64.99	48.52	43.78	41.06	37.42
24261	2.00	1.77	1.50	1.36	1.35	1.64	1.62	1.80	1.96	2.06	2.26	2.36	2.42	2.53	2.55	2.53	2.88	3.39	3.55	3.33	2.49	2.44	2.03	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.41	34.57	32.24	31.19	31.65	33.20	37.22	39.32	37.86	38.34	38.57	38.78	38.50	39.67	39.38	40.45	45.77	57.73	67.25	64.06	47.97	42.74	40.36	36.67
24011	1.30	1.14	1.09	0.97	0.98	1.03	1.12	1.03	0.85	0.86	0.87	0.76	0.68	0.70	0.81	0.95	1.50	2.17	2.71	2.40	1.93	1.41	1.33	1.03
	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
ADK RESOURCE___RCVRY	38.49	34.64	32.30	31.25	31.67	33.27	37.29	39.40	37.89	38.37	38.60	38.78	38.42	39.67	39.38	40.45	45.85	57.84	67.44	64.25	48.11	42.82	40.40	36.71
23798	1.37	1.20	1.15	1.03	1.01	1.09	1.19	1.11	0.89	0.90	0.90	0.76	0.60	0.70	0.81	0.95	1.59	2.28	2.91	2.59	2.07	1.49	1.37	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.41	34.57	32.24	31.19	31.65	33.20	37.22	39.32	37.86	38.34</														

ALBANY___2 23572	37.30 0.19 0.00	33.57 0.13 0.00	31.36 0.22 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.40 0.23 0.00	36.28 0.18 0.00	38.41 0.11 0.00	37.15 0.15 0.00	37.63 0.15 0.00	37.92 0.23 0.00	38.17 0.15 0.00	37.97 0.15 0.00	39.17 0.19 0.00	38.92 0.35 0.00	39.82 0.32 0.00	44.79 0.53 0.00	56.23 0.67 0.00	65.05 0.52 0.00	62.09 0.43 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.19 0.16 0.00	35.68 0.04 0.00
ALBANY___3 23573	37.30 0.19 0.00	33.57 0.13 0.00	31.36 0.22 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.40 0.23 0.00	36.28 0.18 0.00	38.41 0.11 0.00	37.15 0.15 0.00	37.63 0.15 0.00	37.92 0.23 0.00	38.17 0.15 0.00	37.97 0.15 0.00	39.17 0.19 0.00	38.92 0.35 0.00	39.82 0.32 0.00	44.79 0.53 0.00	56.23 0.67 0.00	65.05 0.52 0.00	62.09 0.43 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.19 0.16 0.00	35.68 0.04 0.00
ALBANY___4 23574	37.30 0.19 0.00	33.57 0.13 0.00	31.36 0.22 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.40 0.23 0.00	36.28 0.18 0.00	38.41 0.11 0.00	37.15 0.15 0.00	37.63 0.15 0.00	37.92 0.23 0.00	38.17 0.15 0.00	37.97 0.15 0.00	39.17 0.19 0.00	38.92 0.35 0.00	39.82 0.32 0.00	44.79 0.53 0.00	56.23 0.67 0.00	65.05 0.52 0.00	62.09 0.43 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.19 0.16 0.00	35.68 0.04 0.00
ALBANY___LFGE 323615	37.63 0.52 0.00	33.87 0.43 0.00	31.64 0.50 0.00	30.65 0.42 0.00	31.09 0.43 0.00	32.66 0.48 0.00	36.57 0.47 0.00	38.75 0.46 0.00	37.45 0.45 0.00	37.96 0.49 0.00	38.26 0.57 0.00	38.51 0.49 0.00	38.23 0.42 0.00	39.48 0.51 0.00	39.19 0.62 0.00	40.17 0.67 0.00	45.19 0.93 0.00	56.73 1.17 0.00	65.70 1.16 0.00	62.64 0.98 0.00	46.86 0.83 0.00	42.04 0.70 0.00	39.50 0.47 0.00	36.03 0.39 0.00
ALCOA_PA_115KV_PL-6C 55860	37.45 0.33 0.00	33.73 0.30 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.57 0.47 0.00	38.60 0.31 0.00	37.30 0.30 0.00	37.78 0.30 0.00	38.11 0.41 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.23 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.49 0.46 0.00	41.67 0.33 0.00	39.42 0.39 0.00	35.96 0.32 0.00
ALCOA_RYNLDS___DRP 24188	37.45 0.33 0.00	33.73 0.30 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.57 0.47 0.00	38.60 0.31 0.00	37.30 0.30 0.00	37.78 0.30 0.00	38.11 0.41 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.23 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.49 0.46 0.00	41.67 0.33 0.00	39.42 0.39 0.00	35.96 0.32 0.00
ALCOA___DSASP 323711	37.45 0.33 0.00	33.73 0.30 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.57 0.47 0.00	38.60 0.30 0.00	37.30 0.29 0.00	37.78 0.30 0.00	38.11 0.42 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.24 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.49 0.46 0.00	41.67 0.33 0.00	39.42 0.39 0.00	35.96 0.32 0.00
ALLEGHENY___COGEN 23514	38.08 0.96 0.00	34.44 1.00 0.00	32.11 0.97 0.00	31.19 0.97 0.00	31.55 0.89 0.00	32.98 0.80 0.00	37.01 0.90 0.00	39.75 1.45 0.00	37.82 0.81 0.00	37.85 0.37 0.00	37.21 -0.49 0.00	37.49 -0.53 0.00	37.81 0.00 0.00	38.66 -0.31 0.00	38.26 -0.31 0.00	39.27 -0.24 0.00	43.55 -0.71 0.00	55.17 -0.39 0.00	65.76 1.22 0.00	62.96 1.30 0.00	46.54 0.51 0.00	41.71 0.37 0.00	40.04 1.01 0.00	36.92 1.28 0.00
ALTAMONT_115KV_TB 2 55880	37.71 0.59 0.00	33.94 0.50 0.00	31.65 0.50 0.00	30.68 0.45 0.00	31.12 0.46 0.00	32.66 0.48 0.00	36.61 0.51 0.00	38.79 0.50 0.00	37.52 0.52 0.00	38.00 0.52 0.00	38.30 0.60 0.00	38.59 0.57 0.00	38.42 0.61 0.00	39.59 0.62 0.00	39.27 0.69 0.00	40.21 0.71 0.00	45.19 0.93 0.00	56.67 1.11 0.00	65.63 1.10 0.00	62.65 0.99 0.00	46.82 0.78 0.00	42.08 0.74 0.00	39.58 0.55 0.00	36.10 0.46 0.00
ALTONA_WT_PWR 323606	37.56 0.45 0.00	33.84 0.40 0.00	31.64 0.50 0.00	30.80 0.57 0.00	31.34 0.67 0.00	32.94 0.77 0.00	37.04 0.94 0.00	39.02 0.73 0.00	37.71 0.70 0.00	38.26 0.79 0.00	38.60 0.90 0.00	38.85 0.84 0.00	38.23 0.42 0.00	39.36 0.39 0.00	38.77 0.19 0.00	39.70 0.20 0.00	44.66 0.40 0.00	56.45 0.89 0.00	65.63 1.10 0.00	62.52 0.86 0.00	46.59 0.55 0.00	41.55 0.21 0.00	39.31 0.28 0.00	35.92 0.28 0.00
AMERICAN_REF_FUEL 24010	35.52 -1.59 0.00	32.70 -0.74 0.00	30.90 -0.25 0.00	29.53 -0.69 0.00	30.20 -0.46 0.00	30.98 -1.19 0.00	34.66 -1.45 0.00	37.26 -1.03 0.00	35.75 -1.26 0.00	36.16 -1.31 0.00	35.40 -2.30 0.00	35.93 -2.09 0.00	36.53 -1.29 0.00	36.90 -2.07 0.00	36.41 -2.16 0.00	36.81 -2.69 0.00	40.05 -4.21 0.01	49.78 -5.78 0.01	59.24 -5.29 0.01	56.60 -5.05 0.01	41.56 -4.46 0.01	37.45 -3.89 0.00	36.85 -2.19 0.00	34.82 -0.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.30 -0.82 0.00	32.97 -0.47 0.00	31.02 -0.12 0.00	29.92 -0.30 0.00	30.26 -0.40 0.00	31.50 -0.68 0.00	35.27 -0.83 0.00	38.02 -0.27 0.00	36.56 -0.44 0.00	37.07 -0.41 0.00	36.34 -1.36 0.00	36.92 -1.10 0.00	37.66 -0.15 0.00	38.08 -0.89 0.00	37.65 -0.93 0.00	38.24 -1.27 0.00	41.95 -2.30 0.00	52.33 -3.22 0.00	61.88 -2.65 0.00	59.01 -2.65 0.00	43.27 -2.76 0.00	38.74 -2.60 0.00	37.86 -1.17 0.00	35.21 -0.43 0.00
ARTHUR KILL_GT_1 23520	38.86 1.74 0.00	35.31 1.87 0.00	32.70 1.56 0.00	31.61 1.39 0.00	32.01 1.35 0.00	33.72 1.54 0.00	37.22 1.12 0.00	39.28 1.00 0.01	38.23 1.22 0.00	38.74 1.27 0.01	39.24 1.55 0.01	39.68 1.67 0.01	39.51 1.70 0.01	40.76 1.79 0.01	40.42 1.85 0.01	41.31 1.82 0.01	46.33 2.08 0.01	57.89 2.33 0.01	66.85 2.32 0.01	63.87 2.22 0.01	47.64 1.61 0.01	43.07 1.74 0.01	40.43 1.41 0.01	37.10 1.46 0.00
ARTHUR_KILL_2 23512	38.52 1.41 0.00	35.20 1.77 0.00	32.70 1.56 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.65 1.48 0.00	37.15 1.05 0.00	39.20 0.92 0.01	38.11 1.11 0.00	38.63 1.16 0.01	39.16 1.47 0.01	39.57 1.56 0.01	39.28 1.47 0.01	40.68 1.71 0.01	40.30 1.74 0.01	41.23 1.74 0.01	46.20 1.95 0.01	57.66 2.11 0.01	66.66 2.13 0.01	63.68 2.03 0.01	47.45 1.43 0.01	42.90 1.57 0.01	40.23 1.21 0.01	36.99 1.35 0.00
ARTHUR_KILL_3 23513	38.67 1.56 0.00	34.84 1.40 0.00	32.39 1.25 0.00	31.25 1.03 0.00	31.67 1.01 0.00	33.49 1.32 0.00	37.37 1.26 0.00	39.67 1.38 0.00	38.60 1.59 0.00	39.16 1.69 0.00	39.58 1.88 0.00	39.96 1.94 0.00	39.67 1.85 0.00	41.07 2.10 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.34 2.78 0.00	67.37 2.84 0.00	64.31 2.65 0.00	48.01 1.98 0.00	43.32 1.98 0.00	40.59 1.56 0.00	37.07 1.43 0.00

ARTHUR_KILL_COGEN 323718	38.60 1.49 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.61 1.39 0.00	32.01 1.35 0.00	33.72 1.54 0.00	37.22 1.12 0.00	39.28 0.99 0.01	38.22 1.22 0.00	38.74 1.27 0.01	39.24 1.55 0.01	39.68 1.67 0.01	39.36 1.55 0.01	40.80 1.83 0.01	40.38 1.81 0.01	41.35 1.86 0.01	46.33 2.08 0.01	57.88 2.33 0.01	66.85 2.32 0.01	63.87 2.22 0.01	47.59 1.57 0.01	43.03 1.70 0.01	40.35 1.33 0.01	37.10 1.46 0.00
ASHOKAN____ 23654	38.74 1.63 0.00	34.87 1.44 0.00	32.42 1.28 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.30 1.13 0.00	37.08 0.98 0.00	39.13 0.84 0.00	37.78 0.78 0.00	38.34 0.86 0.00	38.75 1.05 0.00	38.93 0.91 0.00	38.69 0.87 0.00	40.02 1.05 0.00	39.65 1.08 0.00	40.85 1.34 0.00	46.12 1.86 0.00	58.23 2.67 0.00	67.37 2.84 0.00	64.25 2.59 0.00	48.01 1.98 0.00	43.20 1.86 0.00	40.40 1.37 0.00	36.99 1.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.74 1.63 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.37 1.15 0.00	31.76 1.10 0.01	33.55 1.38 0.01	37.32 1.23 0.01	39.59 1.30 0.01	38.52 1.52 0.01	39.04 1.57 0.01	39.57 1.88 0.01	39.99 1.98 0.01	39.70 1.89 0.01	41.11 2.14 0.01	40.72 2.16 0.01	41.66 2.17 0.01	46.55 2.30 0.01	58.11 2.56 0.01	67.11 2.58 0.01	64.05 2.40 0.01	47.82 1.79 0.01	43.23 1.90 0.01	40.51 1.48 0.01	37.09 1.46 0.01
ASTORIA_EAST_ENERGY_CC2 323582	38.74 1.63 0.00	35.01 1.57 0.00	32.52 1.37 0.00	31.37 1.15 0.00	31.73 1.07 0.01	33.52 1.35 0.01	37.32 1.23 0.01	39.54 1.26 0.01	38.48 1.48 0.01	39.04 1.57 0.01	39.57 1.88 0.01	39.99 1.98 0.01	39.70 1.89 0.01	41.11 2.14 0.01	40.68 2.12 0.01	41.63 2.13 0.01	46.55 2.30 0.01	58.11 2.56 0.01	67.04 2.51 0.01	64.05 2.40 0.01	47.82 1.79 0.01	43.19 1.86 0.01	40.51 1.48 0.01	37.06 1.43 0.01
ASTORIA_GT2_1 24094	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT2_2 24095	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT2_3 24096	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT2_4 24097	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT3_1 24098	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT3_2 24099	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT3_3 24100	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT3_4 24101	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT4_1 24102	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT4_2 24103	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT4_3 24104	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00

ASTORIA_GT4_4 24105	38.82 1.71 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.37 1.15 0.00	31.77 1.10 0.00	33.56 1.38 0.00	37.33 1.23 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.56 2.30 0.00	58.12 2.56 0.00	67.11 2.58 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.59 1.56 0.00	37.10 1.46 0.00
ASTORIA_GT_1 23523	38.89 1.78 0.00	35.07 1.64 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.80 1.13 0.00	33.59 1.42 0.00	37.40 1.30 0.00	39.63 1.34 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.66 1.96 0.00	40.07 2.05 0.00	39.93 2.12 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.71 2.21 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.24 2.71 0.01	64.18 2.53 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.14 1.50 0.00
ASTORIA_GT_10 24110	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.67 1.67 0.00	39.24 1.76 0.00	39.70 2.00 0.00	40.11 2.09 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.75 2.25 0.00	46.70 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.41 2.07 0.00	40.79 1.76 0.00	37.28 1.64 0.00
ASTORIA_GT_11 24225	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.67 1.67 0.00	39.24 1.76 0.00	39.70 2.00 0.00	40.11 2.09 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.75 2.25 0.00	46.70 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.41 2.07 0.00	40.79 1.76 0.00	37.28 1.64 0.00
ASTORIA_GT_12 24226	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.67 1.67 0.00	39.24 1.76 0.00	39.70 2.00 0.00	40.11 2.09 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.75 2.25 0.00	46.70 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.41 2.07 0.00	40.79 1.76 0.00	37.28 1.64 0.00
ASTORIA_GT_13 24227	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.67 1.67 0.00	39.24 1.76 0.00	39.70 2.00 0.00	40.11 2.09 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.75 2.25 0.00	46.70 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.41 2.07 0.00	40.79 1.76 0.00	37.28 1.64 0.00
ASTORIA_GT_5 24106	38.89 1.78 0.00	35.07 1.64 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.80 1.13 0.00	33.59 1.42 0.00	37.40 1.30 0.00	39.63 1.34 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.66 1.96 0.00	40.07 2.05 0.00	39.93 2.12 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.71 2.21 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.24 2.71 0.01	64.18 2.53 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.14 1.50 0.00
ASTORIA_GT_7 24107	38.89 1.78 0.00	35.07 1.64 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.80 1.13 0.00	33.59 1.42 0.00	37.40 1.30 0.00	39.63 1.34 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.66 1.96 0.00	40.07 2.05 0.00	39.93 2.12 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.71 2.21 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.24 2.71 0.01	64.18 2.53 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.14 1.50 0.00
ASTORIA_GT_8 24108	38.89 1.78 0.00	35.07 1.64 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.80 1.13 0.00	33.59 1.42 0.00	37.40 1.30 0.00	39.63 1.34 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.66 1.96 0.00	40.07 2.05 0.00	39.93 2.12 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.71 2.21 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.24 2.71 0.01	64.18 2.53 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.14 1.50 0.00
ASTORIA___2 24149	38.74 1.63 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.37 1.15 0.00	31.76 1.10 0.01	33.55 1.38 0.01	37.32 1.23 0.01	39.59 1.30 0.01	38.52 1.52 0.01	39.04 1.57 0.01	39.57 1.88 0.01	39.99 1.98 0.01	39.70 1.89 0.01	41.11 2.14 0.01	40.72 2.16 0.01	41.66 2.17 0.01	46.55 2.30 0.01	58.11 2.56 0.01	67.11 2.58 0.01	64.05 2.40 0.01	47.82 1.79 0.01	43.23 1.90 0.01	40.51 1.48 0.01	37.09 1.46 0.01
ASTORIA___3 23516	38.89 1.78 0.00	35.14 1.70 0.00	32.67 1.53 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.71 1.70 0.00	39.24 1.76 0.00	39.69 2.00 0.00	40.11 2.09 0.00	39.82 2.00 0.00	41.23 2.26 0.00	40.81 2.24 0.00	41.75 2.25 0.00	46.69 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
ASTORIA___4 23517	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.67 1.67 0.00	39.24 1.76 0.00	39.70 2.00 0.00	40.11 2.09 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.71 2.21 0.00	46.70 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.41 2.07 0.00	40.79 1.76 0.00	37.28 1.64 0.00
ASTORIA___5 23518	38.89 1.78 0.00	35.14 1.70 0.00	32.67 1.53 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.71 1.70 0.00	39.24 1.76 0.00	39.69 2.00 0.00	40.11 2.09 0.00	39.82 2.00 0.00	41.23 2.26 0.00	40.81 2.24 0.00	41.75 2.25 0.00	46.69 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
AST_ENERGY_2_CC3 323677	24.61 1.26 13.77	23.07 1.24 11.61	22.43 1.06 9.78	22.43 0.85 8.64	22.43 0.80 9.03	22.43 1.03 10.77	24.61 0.87 12.36	25.12 0.88 14.05	22.92 1.15 15.23	22.92 1.20 15.76	24.24 1.51 14.97	24.24 1.60 15.38	24.24 1.51 15.09	24.24 1.76 16.49	24.24 1.78 16.11	24.24 1.78 17.04	24.74 1.86 21.38	41.50 2.00 16.06	50.58 1.93 15.90	47.56 1.79 15.89	26.88 1.34 20.49	27.11 1.49 15.71	24.44 1.09 15.68	26.72 1.07 9.99
AST_ENERGY_2_CC4 323678	24.61 1.26 13.77	23.07 1.24 11.61	22.43 1.06 9.78	22.43 0.85 8.64	22.43 0.80 9.03	22.43 1.03 10.77	24.61 0.87 12.36	25.12 0.88 14.05	22.92 1.15 15.23	22.92 1.20 15.76	24.24 1.51 14.97	24.24 1.60 15.38	24.24 1.51 15.09	24.24 1.76 16.49	24.24 1.78 16.11	24.24 1.78 17.04	24.74 1.86 21.38	41.50 2.00 16.06	50.58 1.93 15.90	47.56 1.79 15.89	26.88 1.34 20.49	27.11 1.49 15.71	24.44 1.09 15.68	26.72 1.07 9.99

ATHENS_STG_1 23668	38.04 0.93 0.00	34.27 0.84 0.00	31.89 0.75 0.00	30.92 0.70 0.00	31.34 0.67 0.00	32.94 0.77 0.00	36.90 0.79 0.00	39.10 0.81 0.00	37.86 0.85 0.00	38.37 0.90 0.00	38.72 1.02 0.00	39.05 1.03 0.00	38.80 0.98 0.00	40.10 1.13 0.00	39.73 1.16 0.00	40.69 1.18 0.00	45.68 1.42 0.00	57.28 1.72 0.00	66.21 1.68 0.00	63.26 1.60 0.00	47.28 1.24 0.00	42.54 1.20 0.00	39.93 0.90 0.00	36.46 0.82 0.00
ATHENS_STG_2 23670	38.04 0.93 0.00	34.27 0.84 0.00	31.89 0.75 0.00	30.92 0.70 0.00	31.34 0.67 0.00	32.94 0.77 0.00	36.90 0.79 0.00	39.10 0.81 0.00	37.86 0.85 0.00	38.37 0.90 0.00	38.72 1.02 0.00	39.05 1.03 0.00	38.80 0.98 0.00	40.10 1.13 0.00	39.73 1.16 0.00	40.69 1.18 0.00	45.68 1.42 0.00	57.28 1.72 0.00	66.21 1.68 0.00	63.26 1.60 0.00	47.28 1.24 0.00	42.54 1.20 0.00	39.93 0.90 0.00	36.46 0.82 0.00
ATHENS_STG_3 23677	38.04 0.93 0.00	34.27 0.84 0.00	31.89 0.75 0.00	30.92 0.70 0.00	31.34 0.67 0.00	32.94 0.77 0.00	36.90 0.79 0.00	39.10 0.81 0.00	37.86 0.85 0.00	38.37 0.90 0.00	38.72 1.02 0.00	39.05 1.03 0.00	38.80 0.98 0.00	40.10 1.13 0.00	39.73 1.16 0.00	40.69 1.18 0.00	45.68 1.42 0.00	57.28 1.72 0.00	66.21 1.68 0.00	63.26 1.60 0.00	47.28 1.24 0.00	42.54 1.20 0.00	39.93 0.90 0.00	36.46 0.82 0.00
AUBURN___LFGE 323710	37.08 -0.04 0.00	33.37 -0.07 0.00	31.02 -0.12 0.00	30.16 -0.06 0.00	30.57 -0.09 0.00	32.04 -0.13 0.00	35.99 -0.11 0.00	38.41 0.11 0.00	37.04 0.04 0.00	37.44 -0.04 0.00	37.47 -0.23 0.00	37.79 -0.23 0.00	37.70 -0.11 0.00	38.82 -0.16 0.00	38.42 -0.15 0.00	39.34 -0.16 0.00	43.91 -0.35 0.00	55.28 -0.28 0.00	64.60 0.06 0.00	61.78 0.12 0.00	45.99 -0.05 0.00	41.21 -0.12 0.00	39.03 0.00 0.00	35.75 0.11 0.00
BABYLON_RES_REC 323704	38.86 1.74 0.00	34.70 1.27 0.00	32.30 1.15 0.00	31.13 0.91 0.00	31.55 0.89 0.00	33.20 1.03 0.00	36.78 0.68 0.01	39.10 0.81 0.00	38.00 1.00 0.00	39.05 1.57 0.00	40.15 2.45 0.00	39.99 1.98 0.00	39.78 1.97 0.00	41.07 2.10 0.00	40.77 2.20 0.00	41.48 1.97 0.00	46.34 2.08 0.00	58.00 2.44 0.00	66.85 2.32 0.01	63.81 2.16 0.01	47.59 1.57 0.01	42.87 1.53 0.00	40.20 1.17 0.00	37.07 1.43 0.00
BALL_HILL_WT_PWR 323825	36.26 -0.85 0.00	32.93 -0.50 0.00	31.05 -0.09 0.00	30.01 -0.21 0.00	30.36 -0.31 0.00	31.60 -0.58 0.00	35.38 -0.72 0.00	38.06 -0.23 0.00	36.56 -0.44 0.00	36.95 -0.52 0.00	36.19 -1.51 0.00	36.73 -1.29 0.00	37.36 -0.45 0.00	37.76 -1.21 0.00	37.34 -1.24 0.00	37.92 -1.58 0.00	41.60 -2.65 0.00	51.94 -3.61 0.00	61.50 -3.03 0.00	58.76 -2.90 0.00	43.22 -2.81 0.00	38.74 -2.60 0.00	37.82 -1.21 0.00	35.25 -0.39 0.00
BARON_WINDS___WT_PWR 323822	36.59 -0.52 0.00	33.13 -0.30 0.00	31.02 -0.12 0.00	30.04 -0.18 0.00	30.45 -0.21 0.00	31.75 -0.42 0.00	35.60 -0.51 0.00	38.18 -0.11 0.00	36.67 -0.33 0.00	36.92 -0.56 0.00	36.38 -1.32 0.00	36.80 -1.22 0.00	37.14 -0.68 0.00	37.84 -1.13 0.00	37.49 -1.08 0.00	38.24 -1.27 0.00	42.40 -1.86 0.00	53.45 -2.11 0.00	63.05 -1.48 0.00	60.12 -1.54 0.00	44.47 -1.57 0.00	39.85 -1.49 0.00	38.37 -0.66 0.00	35.43 -0.21 0.00
BARRETT_IC_1 23704	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_10 23701	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_11 23702	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_12 23703	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_2 23705	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_3 23706	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_4 23707	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_5 23708	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00

BARRETT_IC_6 23709	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_7 23710	38.60 1.48 0.00	34.67 1.24 0.00	32.17 1.03 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	38.00 1.00 0.00	38.86 1.39 0.00	39.47 1.77 0.00	39.81 1.79 0.00	39.82 2.00 0.00	40.92 1.95 0.00	40.65 2.08 0.00	41.24 1.74 0.00	46.08 1.81 0.00	57.67 2.11 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.33 0.01	42.74 1.41 0.00	40.28 1.25 0.00	36.89 1.25 0.00
BARRETT_IC_8 23711	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT_IC_9 23700	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT___1 23545	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BARRETT___2 23546	38.56 1.45 0.00	34.60 1.17 0.00	32.21 1.06 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.20 1.03 0.00	36.74 0.65 0.01	38.94 0.65 0.00	37.89 0.89 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.81 1.79 0.00	39.56 1.74 0.00	40.84 1.87 0.00	40.54 1.97 0.00	41.24 1.74 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.36 1.34 0.01	42.70 1.36 0.00	39.97 0.94 0.00	36.89 1.25 0.00
BATAVIA___115KV_TB1 55881	36.71 -0.41 0.00	33.53 0.10 0.00	31.36 0.22 0.00	30.37 0.15 0.00	30.91 0.25 0.00	31.98 -0.19 0.00	35.81 -0.29 0.00	38.52 0.23 0.00	36.86 -0.15 0.00	37.33 -0.15 0.00	36.72 -0.98 0.00	37.14 -0.87 0.00	37.21 -0.61 0.00	38.19 -0.78 0.00	37.61 -0.96 0.00	38.32 -1.19 0.00	41.91 -2.35 0.00	52.22 -3.33 0.00	62.21 -2.32 0.00	59.50 -2.16 0.00	43.77 -2.26 0.00	39.35 -1.98 0.00	38.21 -0.82 0.00	35.85 0.21 0.00
BAYONEEC___CTG1 323682	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG10 323750	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG2 323683	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG3 323684	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG4 323685	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG5 323686	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG6 323687	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG7 323688	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00

BAYONEEC___CTG8 323689	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BAYONEEC___CTG9 323749	38.86 1.74 0.00	35.01 1.57 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
BEACON___LESR 323632	37.82 0.70 0.00	34.04 0.60 0.00	31.77 0.62 0.00	30.77 0.54 0.00	31.22 0.55 0.00	32.82 0.64 0.00	36.75 0.65 0.00	38.90 0.61 0.00	37.60 0.59 0.00	38.11 0.64 0.00	38.41 0.71 0.00	38.66 0.65 0.00	38.34 0.53 0.00	39.63 0.66 0.00	39.30 0.73 0.00	40.29 0.79 0.00	45.37 1.11 0.00	57.00 1.44 0.00	66.08 1.55 0.00	63.01 1.35 0.00	47.14 1.10 0.00	42.21 0.87 0.00	39.69 0.66 0.00	36.17 0.54 0.00
BEAVER RIVER___HYD 24048	37.48 0.37 0.00	33.77 0.33 0.00	31.37 0.22 0.00	30.44 0.21 0.00	30.91 0.24 0.00	32.46 0.29 0.00	36.57 0.47 0.00	38.98 0.69 0.00	37.52 0.52 0.00	37.78 0.30 0.00	38.00 0.30 0.00	38.21 0.19 0.00	37.93 0.11 0.00	39.05 0.08 0.00	38.69 0.12 0.00	39.70 0.20 0.00	44.53 0.27 0.00	56.06 0.50 0.00	65.12 0.58 0.00	62.46 0.80 0.00	46.91 0.87 0.00	42.12 0.78 0.00	39.73 0.70 0.00	36.00 0.36 0.00
BEEBEE_GT_13 23619	36.74 -0.37 0.00	33.23 -0.20 0.00	30.96 -0.19 0.00	30.16 -0.06 0.00	30.51 -0.15 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.29 0.00 0.00	36.82 -0.19 0.00	37.33 -0.15 0.00	37.13 -0.57 0.00	37.56 -0.46 0.00	37.51 -0.30 0.00	38.58 -0.39 0.00	38.07 -0.50 0.00	38.91 -0.59 0.00	42.93 -1.33 0.00	53.56 -2.00 0.00	63.18 -1.36 0.00	60.43 -1.23 0.00	44.75 -1.29 0.00	40.22 -1.12 0.00	38.49 -0.55 0.00	35.57 -0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.15 2.04 0.00	35.41 1.97 0.00	32.80 1.65 0.00	31.73 1.51 0.00	32.14 1.47 0.00	33.88 1.71 0.00	37.58 1.48 0.00	39.75 1.46 0.00	38.67 1.67 0.00	39.20 1.72 0.00	39.70 2.00 0.00	40.15 2.13 0.00	39.97 2.16 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.83 2.57 0.00	58.50 2.94 0.00	67.56 3.03 0.01	64.55 2.90 0.01	48.14 2.12 0.01	43.53 2.19 0.00	40.87 1.83 0.00	37.39 1.75 0.00
BETHLEHEM___GRP 23843	37.30 0.19 0.00	33.57 0.13 0.00	31.36 0.22 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.40 0.23 0.00	36.28 0.18 0.00	38.41 0.11 0.00	37.15 0.15 0.00	37.63 0.15 0.00	37.92 0.23 0.00	38.17 0.15 0.00	37.97 0.15 0.00	39.17 0.19 0.00	38.92 0.35 0.00	39.82 0.32 0.00	44.79 0.53 0.00	56.23 0.67 0.00	65.05 0.52 0.00	62.09 0.43 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.19 0.16 0.00	35.68 0.04 0.00
BETHLEHEM___GS1 323560	37.30 0.19 0.00	33.57 0.13 0.00	31.37 0.22 0.00	30.41 0.18 0.00	30.85 0.19 0.00	32.40 0.23 0.00	36.28 0.18 0.00	38.41 0.12 0.00	37.15 0.15 0.00	37.67 0.19 0.00	37.96 0.27 0.00	38.17 0.15 0.00	37.93 0.11 0.00	39.17 0.20 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.79 0.53 0.00	56.17 0.61 0.00	65.05 0.51 0.00	62.09 0.43 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.15 0.12 0.00	35.68 0.04 0.00
BETHLEHEM___GS2 323561	37.30 0.19 0.00	33.57 0.13 0.00	31.37 0.22 0.00	30.41 0.18 0.00	30.85 0.19 0.00	32.40 0.23 0.00	36.28 0.18 0.00	38.41 0.12 0.00	37.15 0.15 0.00	37.67 0.19 0.00	37.96 0.27 0.00	38.17 0.15 0.00	37.93 0.11 0.00	39.17 0.20 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.79 0.53 0.00	56.17 0.61 0.00	65.05 0.51 0.00	62.09 0.43 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.15 0.12 0.00	35.68 0.04 0.00
BETHLEHEM___GS3 323562	37.30 0.19 0.00	33.57 0.13 0.00	31.37 0.22 0.00	30.41 0.18 0.00	30.85 0.19 0.00	32.40 0.23 0.00	36.28 0.18 0.00	38.41 0.12 0.00	37.15 0.15 0.00	37.67 0.19 0.00	37.96 0.27 0.00	38.17 0.15 0.00	37.93 0.11 0.00	39.17 0.20 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.79 0.53 0.00	56.17 0.61 0.00	65.05 0.51 0.00	62.09 0.43 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.15 0.12 0.00	35.68 0.04 0.00
BETHLEHEM___STEEL 23779	36.19 -0.93 0.00	32.90 -0.53 0.00	30.87 -0.28 0.00	30.04 -0.18 0.00	30.39 -0.28 0.00	31.56 -0.61 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.49 -0.52 0.00	36.91 -0.56 0.00	36.23 -1.47 0.00	36.65 -1.37 0.00	36.79 -1.02 0.00	37.69 -1.29 0.00	37.11 -1.47 0.00	37.76 -1.74 0.00	41.34 -2.92 0.00	51.55 -4.00 0.00	61.11 -3.42 0.00	58.39 -3.27 0.00	42.94 -3.08 0.00	38.53 -2.81 0.00	37.55 -1.48 0.00	35.21 -0.43 0.00
BETHLHEM_115KV_TB1 79974	37.41 0.30 0.00	33.67 0.23 0.00	31.43 0.28 0.00	30.46 0.24 0.00	30.91 0.25 0.00	32.46 0.29 0.00	36.35 0.25 0.00	38.52 0.23 0.00	37.23 0.22 0.00	37.74 0.26 0.00	38.04 0.34 0.00	38.29 0.27 0.00	38.08 0.26 0.00	39.28 0.31 0.00	39.00 0.42 0.00	39.94 0.43 0.00	44.88 0.62 0.00	56.34 0.78 0.00	65.18 0.65 0.00	62.21 0.55 0.00	46.54 0.51 0.00	41.79 0.45 0.00	39.27 0.23 0.00	35.78 0.14 0.00
BETHPAGE_CC_5 323564	38.71 1.59 0.00	34.60 1.17 0.00	32.24 1.09 0.00	31.10 0.88 0.00	31.52 0.86 0.00	33.14 0.96 0.00	36.67 0.58 0.01	38.98 0.69 0.00	37.89 0.89 0.00	38.90 1.42 0.00	39.96 2.26 0.00	39.88 1.86 0.00	39.67 1.85 0.00	40.96 1.99 0.00	40.65 2.08 0.00	41.36 1.86 0.00	46.21 1.95 0.00	57.78 2.22 0.00	66.66 2.13 0.01	63.63 1.97 0.01	47.46 1.43 0.01	42.74 1.41 0.00	40.04 1.01 0.00	36.92 1.28 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.19 -0.93 0.00	32.90 -0.53 0.00	30.84 -0.31 0.00	30.01 -0.21 0.00	30.39 -0.28 0.00	31.56 -0.61 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.52 -0.48 0.00	36.95 -0.52 0.00	36.27 -1.43 0.00	36.65 -1.37 0.00	36.79 -1.02 0.00	37.69 -1.29 0.00	37.14 -1.43 0.00	37.76 -1.74 0.00	41.38 -2.88 0.00	51.67 -3.89 0.00	61.18 -3.36 0.00	58.51 -3.14 0.00	43.08 -2.95 0.00	38.57 -2.77 0.00	37.59 -1.44 0.00	35.21 -0.43 0.00
BINGHAMTON___COGEN 23790	37.22 0.11 0.00	33.57 0.13 0.00	31.27 0.12 0.00	30.37 0.15 0.00	30.82 0.15 0.00	32.27 0.10 0.00	36.21 0.11 0.00	38.64 0.34 0.00	37.30 0.30 0.00	37.66 0.19 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	37.89 0.08 0.00	38.97 0.00 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.13 -0.13 0.00	55.45 -0.11 0.00	64.73 0.19 0.00	61.91 0.25 0.00	46.03 0.00 0.00	41.30 -0.04 0.00	39.15 0.12 0.00	35.89 0.25 0.00

BIXINCNT_115KV_LOAD 355685	35.81 -1.30 0.00	32.60 -0.84 0.00	30.59 -0.56 0.00	29.83 -0.39 0.00	30.20 -0.46 0.00	31.47 -0.71 0.00	35.24 -0.87 0.00	37.95 -0.34 0.00	36.56 -0.44 0.00	36.91 -0.56 0.00	36.11 -1.58 0.00	36.38 -1.63 0.00	36.42 -1.40 0.00	37.18 -1.79 0.00	36.64 -1.93 0.00	37.37 -2.13 0.00	41.20 -3.05 0.00	51.67 -3.89 0.00	60.98 -3.55 0.00	58.39 -3.27 0.00	43.18 -2.85 0.00	38.57 -2.77 0.00	37.43 -1.60 0.00	35.03 -0.61 0.00
BLACK RIVER___HYD 24047	37.82 0.70 0.00	34.07 0.63 0.00	31.61 0.47 0.00	30.68 0.45 0.00	31.15 0.49 0.00	32.72 0.55 0.00	36.82 0.72 0.00	39.25 0.96 0.00	37.75 0.74 0.00	37.89 0.41 0.00	38.11 0.42 0.00	38.25 0.23 0.00	38.04 0.23 0.00	39.13 0.16 0.00	38.80 0.23 0.00	39.86 0.35 0.00	44.66 0.40 0.00	56.34 0.78 0.00	65.83 1.29 0.00	63.32 1.67 0.00	47.51 1.47 0.00	42.58 1.24 0.00	40.16 1.13 0.00	36.32 0.68 0.00
BLACKRVR_115KV_TB2 79977	37.82 0.71 0.00	34.07 0.64 0.00	31.61 0.47 0.00	30.68 0.45 0.00	31.15 0.49 0.00	32.72 0.55 0.00	36.82 0.72 0.00	39.25 0.96 0.00	37.75 0.74 0.00	37.89 0.41 0.00	38.11 0.41 0.00	38.25 0.23 0.00	38.00 0.19 0.00	39.13 0.16 0.00	38.76 0.19 0.00	39.86 0.36 0.00	44.66 0.40 0.00	56.34 0.78 0.00	65.83 1.29 0.00	63.32 1.66 0.00	47.51 1.47 0.00	42.58 1.24 0.00	40.16 1.13 0.00	36.32 0.68 0.00
BLDWN_LI_69_KV_BK4 356085	38.89 1.78 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.22 1.00 0.00	31.65 0.98 0.00	33.33 1.16 0.00	36.93 0.83 0.01	39.21 0.92 0.00	38.23 1.22 0.00	39.13 1.65 0.00	39.81 2.11 0.00	40.11 2.09 0.00	40.16 2.34 0.00	41.27 2.30 0.00	41.04 2.47 0.00	41.63 2.13 0.00	46.52 2.26 0.00	58.23 2.67 0.00	67.18 2.65 0.01	64.12 2.47 0.01	47.82 1.80 0.01	43.12 1.78 0.00	40.63 1.60 0.00	37.14 1.50 0.00
BLISS_WT_PWR 323608	35.74 -1.37 0.00	32.53 -0.90 0.00	30.71 -0.44 0.00	29.77 -0.45 0.00	30.14 -0.52 0.00	31.40 -0.77 0.00	35.16 -0.94 0.00	37.87 -0.42 0.00	36.52 -0.48 0.00	36.88 -0.60 0.00	35.96 -1.73 0.00	36.31 -1.71 0.00	36.72 -1.10 0.00	37.06 -1.91 0.00	36.56 -2.01 0.00	37.17 -2.33 0.00	41.03 -3.23 0.00	51.50 -4.05 0.00	60.79 -3.74 0.00	58.20 -3.45 0.00	43.08 -2.95 0.00	38.49 -2.85 0.00	37.51 -1.52 0.00	34.96 -0.68 0.00
BLUESTONE___WT_PWR 323821	38.23 1.11 0.00	34.54 1.10 0.00	32.11 0.97 0.00	31.16 0.94 0.00	31.64 0.98 0.00	33.17 1.00 0.00	37.33 1.23 0.00	39.78 1.49 0.00	38.41 1.41 0.00	38.64 1.16 0.00	38.72 1.02 0.00	38.97 0.95 0.00	38.87 1.06 0.00	39.95 0.97 0.00	39.61 1.04 0.00	40.61 1.10 0.00	45.50 1.24 0.00	57.56 2.00 0.00	67.37 2.84 0.00	64.68 3.02 0.00	48.24 2.21 0.00	42.82 1.49 0.00	40.48 1.45 0.00	36.78 1.14 0.00
BLUE_CIRC_CHEM_DRP 24182	37.89 0.78 0.00	34.14 0.70 0.00	31.83 0.69 0.00	30.86 0.63 0.00	31.31 0.64 0.00	32.85 0.68 0.00	36.79 0.69 0.00	38.94 0.65 0.00	37.60 0.59 0.00	38.04 0.56 0.00	38.30 0.60 0.00	38.55 0.53 0.00	38.34 0.53 0.00	39.56 0.58 0.00	39.23 0.66 0.00	40.21 0.71 0.00	45.28 1.02 0.00	56.89 1.33 0.00	65.89 1.36 0.00	62.89 1.23 0.00	47.05 1.01 0.00	42.25 0.91 0.00	39.77 0.74 0.00	36.28 0.64 0.00
BOC_GAS_DRP 24189	37.67 0.56 0.00	33.94 0.50 0.00	31.61 0.47 0.00	30.65 0.42 0.00	31.09 0.43 0.00	32.66 0.48 0.00	36.57 0.47 0.00	38.75 0.46 0.00	37.49 0.48 0.00	37.96 0.49 0.00	38.26 0.57 0.00	38.59 0.57 0.00	38.38 0.57 0.00	39.59 0.62 0.00	39.27 0.69 0.00	40.21 0.71 0.00	45.15 0.89 0.00	56.62 1.06 0.00	65.57 1.03 0.00	62.58 0.92 0.00	46.77 0.74 0.00	42.08 0.74 0.00	39.58 0.55 0.00	36.07 0.43 0.00
BOONVILLE_115KV_TB1 79983	37.63 0.52 0.00	33.90 0.47 0.00	31.52 0.37 0.00	30.59 0.36 0.00	31.06 0.40 0.00	32.59 0.42 0.00	36.68 0.58 0.00	39.06 0.77 0.00	37.67 0.67 0.00	38.00 0.52 0.00	38.23 0.53 0.00	38.48 0.46 0.00	38.23 0.42 0.00	39.40 0.43 0.00	39.03 0.46 0.00	40.02 0.51 0.00	44.93 0.66 0.00	56.45 0.89 0.00	65.57 1.03 0.00	62.83 1.17 0.00	47.00 0.97 0.00	42.17 0.83 0.00	39.77 0.74 0.00	36.14 0.50 0.00
BORALEX_4TH_BRANCH 23824	38.71 1.60 0.00	34.84 1.40 0.00	32.36 1.21 0.00	31.37 1.15 0.00	31.83 1.17 0.00	33.43 1.25 0.00	37.69 1.59 0.00	39.71 1.42 0.00	38.41 1.41 0.00	38.86 1.39 0.00	39.21 1.51 0.00	39.54 1.52 0.00	39.37 1.55 0.00	40.57 1.60 0.00	40.23 1.66 0.00	41.24 1.74 0.00	46.56 2.30 0.00	58.62 3.06 0.00	67.76 3.23 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.28 1.94 0.00	40.59 1.56 0.00	36.99 1.35 0.00
BOWLINE___1 23526	38.64 1.52 0.00	34.81 1.37 0.00	32.36 1.21 0.00	31.28 1.06 0.00	31.74 1.07 0.00	33.46 1.29 0.00	37.37 1.26 0.00	39.67 1.38 0.00	38.52 1.52 0.00	39.09 1.61 0.00	39.47 1.77 0.00	39.84 1.82 0.00	39.59 1.78 0.00	40.96 1.99 0.00	40.58 2.00 0.00	41.55 2.05 0.00	46.65 2.39 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.36 2.03 0.00	40.63 1.60 0.00	37.07 1.43 0.00
BOWLINE___2 23595	38.64 1.52 0.00	34.81 1.37 0.00	32.36 1.21 0.00	31.28 1.06 0.00	31.71 1.04 0.00	33.46 1.29 0.00	37.37 1.26 0.00	39.67 1.38 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.47 1.77 0.00	39.84 1.82 0.00	39.59 1.78 0.00	40.96 1.99 0.00	40.58 2.00 0.00	41.55 2.05 0.00	46.65 2.39 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.50 2.84 0.00	48.15 2.12 0.00	43.36 2.03 0.00	40.59 1.56 0.00	37.07 1.43 0.00
BRADY___115KV_TB2 356060	37.78 0.67 0.00	34.04 0.60 0.00	31.74 0.59 0.00	30.80 0.57 0.00	31.28 0.61 0.00	32.85 0.68 0.00	36.97 0.87 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.89 0.41 0.00	38.23 0.53 0.00	38.55 0.53 0.00	38.08 0.26 0.00	39.28 0.31 0.00	38.76 0.19 0.00	39.74 0.24 0.00	44.66 0.40 0.00	56.23 0.67 0.00	65.51 0.97 0.00	62.71 1.05 0.00	47.05 1.01 0.00	42.17 0.83 0.00	39.89 0.86 0.00	36.28 0.64 0.00
BRANSCOMB___SOLAR 323811	38.41 1.30 0.00	34.57 1.14 0.00	32.24 1.09 0.00	31.19 0.97 0.00	31.64 0.98 0.00	33.23 1.06 0.00	37.29 1.19 0.00	39.40 1.11 0.00	37.97 0.96 0.00	38.37 0.90 0.00	38.60 0.90 0.00	38.82 0.80 0.00	38.53 0.72 0.00	39.79 0.82 0.00	39.46 0.89 0.00	40.53 1.03 0.00	45.77 1.51 0.00	57.67 2.11 0.00	67.12 2.58 0.00	64.00 2.34 0.00	47.88 1.84 0.00	42.78 1.45 0.00	40.32 1.29 0.00	36.71 1.07 0.00
BRDGHMPT_69_KV_BK1 55812	38.78 1.67 0.00	34.60 1.17 0.00	31.96 0.81 0.00	30.83 0.60 0.00	31.25 0.58 0.00	32.91 0.74 0.00	36.17 0.07 0.01	38.52 0.23 0.00	37.67 0.67 0.00	38.79 1.31 0.00	39.66 1.96 0.00	39.84 1.82 0.00	40.01 2.19 0.00	41.08 2.10 0.00	40.89 2.31 0.00	41.32 1.82 0.00	45.90 1.64 0.00	57.45 1.89 0.00	66.08 1.55 0.01	63.07 1.42 0.01	46.99 0.97 0.01	42.45 1.12 0.00	40.12 1.09 0.00	36.82 1.18 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.01 1.89 0.00	34.90 1.47 0.00	32.30 1.15 0.00	31.19 0.97 0.00	31.61 0.95 0.00	33.30 1.13 0.00	36.85 0.76 0.01	39.21 0.92 0.00	38.26 1.26 0.00	39.20 1.72 0.00	39.81 2.11 0.00	40.07 2.05 0.00	40.20 2.38 0.00	41.31 2.34 0.00	41.08 2.51 0.00	41.56 2.05 0.00	46.34 2.08 0.00	58.06 2.50 0.00	66.85 2.32 0.01	63.87 2.22 0.01	47.59 1.57 0.01	42.99 1.65 0.00	40.67 1.64 0.00	37.17 1.53 0.00
BRISTLHL_115KV_TB1 79998	36.45 -0.67 0.00	32.83 -0.60 0.00	30.56 -0.59 0.00	29.68 -0.54 0.00	30.11 -0.55 0.00	31.53 -0.64 0.00	35.42 -0.69 0.00	37.68 -0.61 0.00	36.41 -0.59 0.00	36.88 -0.60 0.00	36.98 -0.72 0.00	37.26 -0.76 0.00	37.13 -0.68 0.00	38.23 -0.74 0.00	37.88 -0.69 0.00	38.79 -0.71 0.00	43.24 -1.02 0.00	54.28 -1.28 0.00	63.25 -1.29 0.00	60.49 -1.17 0.00	45.11 -0.92 0.00	40.51 -0.83 0.00	38.37 -0.66 0.00	35.07 -0.57 0.00
BROOKHAVEN___DRP 24191	38.71 1.60 0.00	34.60 1.17 0.00	32.02 0.87 0.00	30.89 0.66 0.00	31.34 0.67 0.00	33.01 0.84 0.00	36.49 0.40 0.01	38.83 0.54 0.00	37.93 0.93 0.00	38.90 1.42 0.00	39.51 1.81 0.00	39.77 1.75 0.00	39.89 2.08 0.00	41.00 2.03 0.00	40.81 2.24 0.00	41.28 1.78 0.00	45.99 1.73 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.62 1.28 0.00	40.36 1.33 0.00	36.89 1.25 0.00
BROOKLYN_NAVY_YARD 23515	38.86 1.74 0.00	34.97 1.54 0.00	32.52 1.37 0.00	31.40 1.18 0.00	31.83 1.16 0.00	33.62 1.45 0.00	37.55 1.45 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.86 2.04 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.83 2.33 0.00	46.83 2.57 0.00	58.61 3.05 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.49 2.15 0.00	40.79 1.76 0.00	37.24 1.61 0.00
BROOKLYN___ARMY_DRP 323595	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
BROOME_2_LFGE 323671	37.23 0.11 0.00	33.60 0.17 0.00	31.30 0.16 0.00	30.37 0.15 0.00	30.82 0.15 0.00	32.27 0.10 0.00	36.21 0.11 0.00	38.63 0.34 0.00	37.30 0.29 0.00	37.67 0.19 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	38.00 0.19 0.00	38.97 0.00 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.13 -0.13 0.00	55.45 -0.11 0.00	64.73 0.19 0.00	61.91 0.25 0.00	46.03 0.00 0.00	41.30 -0.04 0.00	39.19 0.16 0.00	35.89 0.25 0.00
BROOME___LFGE 323600	37.23 0.11 0.00	33.60 0.17 0.00	31.30 0.16 0.00	30.37 0.15 0.00	30.82 0.15 0.00	32.27 0.10 0.00	36.21 0.11 0.00	38.63 0.34 0.00	37.30 0.29 0.00	37.67 0.19 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	38.00 0.19 0.00	38.97 0.00 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.13 -0.13 0.00	55.45 -0.11 0.00	64.73 0.19 0.00	61.91 0.25 0.00	46.03 0.00 0.00	41.30 -0.04 0.00	39.19 0.16 0.00	35.89 0.25 0.00
BROWNFLS_115KV_TB_3_5 80003	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.68 0.58 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.36 0.34 0.00	37.97 0.15 0.00	39.13 0.16 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.84 0.28 0.00	64.86 0.32 0.00	62.21 0.55 0.00	46.77 0.74 0.00	42.08 0.74 0.00	39.73 0.70 0.00	36.07 0.43 0.00
BROWNSV1_27_KV_LOAD 356125	39.15 2.04 0.00	35.24 1.81 0.00	32.67 1.53 0.00	31.61 1.39 0.00	32.04 1.38 0.00	33.85 1.67 0.00	37.80 1.70 0.00	40.13 1.84 0.00	39.04 2.04 0.00	39.61 2.14 0.00	40.04 2.34 0.00	40.45 2.43 0.00	40.31 2.50 0.00	41.58 2.61 0.00	41.19 2.62 0.00	42.15 2.65 0.00	47.23 2.97 0.00	59.12 3.56 0.00	68.22 3.68 0.00	65.17 3.51 0.00	48.61 2.58 0.00	43.86 2.52 0.00	41.14 2.11 0.00	37.49 1.85 0.00
BURROWS___LYONSDAL 23803	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.64 0.54 0.00	39.06 0.77 0.00	37.67 0.67 0.00	37.93 0.45 0.00	38.19 0.49 0.00	38.40 0.38 0.00	38.16 0.34 0.00	39.32 0.35 0.00	38.96 0.39 0.00	39.94 0.43 0.00	44.84 0.58 0.00	56.39 0.83 0.00	65.38 0.84 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.12 0.79 0.00	39.73 0.70 0.00	36.07 0.43 0.00
CAITHNESS_CC_1 323624	38.71 1.59 0.00	34.54 1.10 0.00	32.08 0.93 0.00	30.92 0.70 0.00	31.34 0.67 0.00	33.01 0.84 0.00	36.53 0.43 0.01	38.87 0.58 0.00	37.78 0.78 0.00	38.90 1.42 0.00	40.15 2.45 0.00	39.81 1.79 0.00	39.59 1.78 0.00	40.92 1.95 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.03 1.77 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.54 1.20 0.00	39.85 0.82 0.00	36.92 1.28 0.00
CALPINE BETH_PAGE_GT4 24209	38.82 1.71 0.00	34.77 1.34 0.00	32.27 1.12 0.00	31.16 0.94 0.00	31.58 0.92 0.00	33.23 1.06 0.00	36.71 0.61 0.01	39.02 0.73 0.00	38.08 1.07 0.00	38.98 1.50 0.00	39.62 1.92 0.00	39.92 1.90 0.00	40.01 2.19 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.44 1.94 0.00	46.25 1.99 0.00	57.89 2.33 0.00	66.73 2.19 0.01	63.75 2.10 0.01	47.50 1.47 0.01	42.91 1.57 0.00	40.44 1.41 0.00	36.96 1.32 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.82 1.71 0.00	34.70 1.27 0.00	32.33 1.18 0.00	31.16 0.94 0.00	31.58 0.92 0.00	33.23 1.06 0.00	36.71 0.61 0.01	39.02 0.73 0.00	37.93 0.93 0.00	38.94 1.46 0.00	40.00 2.30 0.00	39.92 1.90 0.00	39.70 1.89 0.00	41.04 2.06 0.00	40.69 2.12 0.00	41.44 1.94 0.00	46.30 2.04 0.00	57.84 2.28 0.00	66.73 2.20 0.01	63.75 2.10 0.01	47.50 1.47 0.01	42.82 1.49 0.00	40.12 1.09 0.00	36.96 1.32 0.00
CALPINE_BP_GT1 23823	38.82 1.71 0.00	34.70 1.27 0.00	32.33 1.18 0.00	31.16 0.94 0.00	31.58 0.92 0.00	33.23 1.06 0.00	36.71 0.61 0.01	39.02 0.73 0.00	37.93 0.93 0.00	38.94 1.46 0.00	40.00 2.30 0.00	39.92 1.90 0.00	39.70 1.89 0.00	41.04 2.06 0.00	40.69 2.12 0.00	41.44 1.94 0.00	46.30 2.04 0.00	57.84 2.28 0.00	66.73 2.20 0.01	63.75 2.10 0.01	47.50 1.47 0.01	42.82 1.49 0.00	40.12 1.09 0.00	36.96 1.32 0.00
CALSPAN___DRP 24200	36.19 -0.93 0.00	32.90 -0.53 0.00	30.87 -0.28 0.00	30.04 -0.18 0.00	30.39 -0.28 0.00	31.56 -0.61 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.49 -0.52 0.00	36.91 -0.56 0.00	36.23 -1.47 0.00	36.65 -1.37 0.00	36.79 -1.02 0.00	37.69 -1.29 0.00	37.11 -1.47 0.00	37.76 -1.74 0.00	41.34 -2.92 0.00	51.55 -4.00 0.00	61.11 -3.42 0.00	58.39 -3.27 0.00	42.94 -3.08 0.00	38.53 -2.81 0.00	37.55 -1.48 0.00	35.21 -0.43 0.00

CALVERTON___SOLAR 323806	38.67 1.56 0.00	34.50 1.07 0.00	32.05 0.90 0.00	30.89 0.66 0.00	31.31 0.64 0.00	32.98 0.80 0.00	36.46 0.36 0.01	38.79 0.50 0.00	37.71 0.70 0.00	38.86 1.39 0.00	40.19 2.49 0.00	39.77 1.75 0.00	39.59 1.78 0.00	40.88 1.91 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.03 1.77 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.49 1.16 0.00	39.77 0.74 0.00	36.89 1.25 0.00
CANDIGU_WT_PWR 323617	36.59 -0.52 0.00	33.13 -0.30 0.00	31.02 -0.12 0.00	30.04 -0.18 0.00	30.45 -0.21 0.00	31.75 -0.42 0.00	35.60 -0.51 0.00	38.18 -0.11 0.00	36.67 -0.33 0.00	36.92 -0.56 0.00	36.38 -1.32 0.00	36.80 -1.22 0.00	37.14 -0.68 0.00	37.84 -1.13 0.00	37.49 -1.08 0.00	38.24 -1.27 0.00	42.40 -1.86 0.00	53.45 -2.11 0.00	63.05 -1.48 0.00	60.12 -1.54 0.00	44.47 -1.57 0.00	39.85 -1.49 0.00	38.37 -0.66 0.00	35.43 -0.21 0.00
CARR STREET_E_SYR 24060	36.67 -0.44 0.00	33.03 -0.40 0.00	30.74 -0.41 0.00	29.83 -0.39 0.00	30.26 -0.40 0.00	31.72 -0.45 0.00	35.60 -0.51 0.00	37.91 -0.38 0.00	36.60 -0.41 0.00	37.07 -0.41 0.00	37.13 -0.56 0.00	37.45 -0.57 0.00	37.40 -0.42 0.00	38.46 -0.51 0.00	38.07 -0.50 0.00	38.99 -0.51 0.00	43.42 -0.84 0.00	54.50 -1.06 0.00	63.50 -1.04 0.00	60.74 -0.92 0.00	45.25 -0.78 0.00	40.76 -0.58 0.00	38.60 -0.43 0.00	35.28 -0.36 0.00
CARTHAGE___PAPER 23857	37.63 0.52 0.00	33.90 0.47 0.00	31.49 0.34 0.00	30.56 0.33 0.00	31.03 0.37 0.00	32.59 0.42 0.00	36.72 0.61 0.00	39.10 0.81 0.00	37.63 0.63 0.00	37.81 0.34 0.00	38.04 0.34 0.00	38.21 0.19 0.00	37.93 0.11 0.00	39.09 0.12 0.00	38.73 0.15 0.00	39.74 0.24 0.00	44.61 0.35 0.00	56.28 0.72 0.00	65.51 0.97 0.00	62.96 1.30 0.00	47.23 1.19 0.00	42.37 1.03 0.00	39.97 0.94 0.00	36.14 0.50 0.00
CASSADAGA_WT_PWR 323784	36.37 -0.74 0.00	33.03 -0.40 0.00	31.08 -0.06 0.00	29.95 -0.27 0.00	30.33 -0.34 0.00	31.56 -0.61 0.00	35.38 -0.72 0.00	38.14 -0.15 0.00	36.64 -0.37 0.00	37.18 -0.30 0.00	36.45 -1.24 0.00	36.99 -1.02 0.00	37.74 -0.08 0.00	38.15 -0.82 0.00	37.76 -0.81 0.00	38.35 -1.15 0.00	42.22 -2.04 0.00	52.72 -2.83 0.00	62.21 -2.32 0.00	59.31 -2.34 0.00	43.50 -2.53 0.00	38.90 -2.44 0.00	38.02 -1.02 0.00	35.32 -0.32 0.00
CE_DUNWOOD___DRP 24194	38.82 1.71 0.00	34.94 1.50 0.00	32.42 1.28 0.00	31.40 1.18 0.00	31.83 1.17 0.00	33.56 1.38 0.00	37.47 1.37 0.00	39.78 1.49 0.00	38.63 1.63 0.00	39.20 1.72 0.00	39.66 1.96 0.00	40.03 2.02 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.77 2.20 0.00	41.67 2.17 0.00	46.78 2.52 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.17 1.53 0.00
CE_MILLWOOD___DRP 24193	38.75 1.63 0.00	34.87 1.44 0.00	32.36 1.21 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.44 1.34 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.55 1.85 0.00	39.92 1.90 0.00	39.78 1.97 0.00	41.04 2.07 0.00	40.69 2.12 0.00	41.60 2.09 0.00	46.70 2.43 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.71 1.68 0.00	37.10 1.46 0.00
CE_NYC2_DRP 24202	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.75 1.58 0.00	37.55 1.44 0.00	39.78 1.49 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.04 0.00	40.15 2.13 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.89 2.31 0.00	41.75 2.25 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.37 2.84 0.01	64.36 2.71 0.01	48.05 2.03 0.01	43.45 2.11 0.00	40.79 1.76 0.00	37.28 1.64 0.00
CE_NYC_DRP 24195	38.97 1.86 0.00	35.07 1.64 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.72 1.54 0.00	37.62 1.52 0.00	39.94 1.65 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.08 2.27 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.91 2.41 0.00	46.96 2.70 0.00	58.78 3.22 0.00	67.83 3.29 0.00	64.80 3.14 0.00	48.34 2.30 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
CHAFFEE___LFGE 323603	36.19 -0.93 0.00	32.90 -0.54 0.00	31.02 -0.12 0.00	30.01 -0.21 0.00	30.39 -0.28 0.00	31.56 -0.61 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.52 -0.48 0.00	36.95 -0.52 0.00	36.19 -1.51 0.00	36.69 -1.33 0.00	37.29 -0.53 0.00	37.69 -1.29 0.00	37.22 -1.35 0.00	37.76 -1.74 0.00	41.42 -2.83 0.00	51.72 -3.83 0.00	61.24 -3.29 0.00	58.51 -3.14 0.00	43.04 -2.99 0.00	38.61 -2.73 0.00	37.78 -1.25 0.00	35.21 -0.43 0.00
CHATEAUG_35_KV_LOAD 355732	37.34 0.22 0.00	33.60 0.17 0.00	31.40 0.25 0.00	30.50 0.27 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.64 0.54 0.00	38.64 0.34 0.00	37.30 0.30 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.40 0.38 0.00	37.93 0.11 0.00	39.09 0.12 0.00	38.53 -0.04 0.00	39.46 -0.04 0.00	44.35 0.09 0.00	56.00 0.44 0.00	65.12 0.58 0.00	62.15 0.49 0.00	46.40 0.37 0.00	41.50 0.17 0.00	39.27 0.23 0.00	35.82 0.18 0.00
CHATEAUG_WT_PWR 323614	37.26 0.15 0.00	33.53 0.10 0.00	31.33 0.19 0.00	30.44 0.21 0.00	30.94 0.28 0.00	32.49 0.32 0.00	36.54 0.43 0.00	38.56 0.27 0.00	37.27 0.26 0.00	37.78 0.30 0.00	38.07 0.38 0.00	38.36 0.34 0.00	37.93 0.11 0.00	39.05 0.08 0.00	38.53 -0.04 0.00	39.42 -0.08 0.00	44.31 0.04 0.00	55.84 0.28 0.00	64.93 0.39 0.00	61.97 0.31 0.00	46.27 0.23 0.00	41.42 0.08 0.00	39.15 0.12 0.00	35.75 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	37.34 0.22 0.00	33.60 0.17 0.00	31.40 0.25 0.00	30.50 0.27 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.64 0.54 0.00	38.64 0.34 0.00	37.30 0.30 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.40 0.38 0.00	37.93 0.11 0.00	39.09 0.12 0.00	38.53 -0.04 0.00	39.46 -0.04 0.00	44.35 0.09 0.00	56.00 0.44 0.00	65.12 0.58 0.00	62.15 0.49 0.00	46.40 0.37 0.00	41.50 0.17 0.00	39.27 0.23 0.00	35.82 0.18 0.00
CHAUTAUQUA___LFGE 323629	36.41 -0.71 0.00	33.07 -0.37 0.00	31.15 0.00 0.00	30.07 -0.15 0.00	30.45 -0.21 0.00	31.69 -0.48 0.00	35.49 -0.61 0.00	38.21 -0.08 0.00	36.75 -0.26 0.00	37.18 -0.30 0.00	36.42 -1.28 0.00	36.99 -1.02 0.00	37.63 -0.19 0.00	38.08 -0.89 0.00	37.61 -0.96 0.00	38.24 -1.27 0.00	42.00 -2.26 0.00	52.39 -3.16 0.00	62.01 -2.52 0.00	59.19 -2.47 0.00	43.50 -2.53 0.00	38.94 -2.40 0.00	38.06 -0.97 0.00	35.39 -0.25 0.00
CHERRYST_13_KV_LD 356241	39.04 1.93 0.00	35.14 1.71 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.98 1.32 0.00	33.78 1.61 0.00	37.69 1.59 0.00	40.05 1.76 0.00	38.93 1.92 0.00	39.50 2.02 0.00	39.92 2.22 0.00	40.34 2.32 0.00	40.20 2.38 0.00	41.47 2.49 0.00	41.08 2.51 0.00	41.99 2.49 0.00	47.09 2.83 0.00	58.89 3.33 0.00	68.02 3.49 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.74 2.40 0.00	41.02 1.99 0.00	37.39 1.75 0.00

CHESTROR_138KV_BK263 355645	38.60 1.48 0.00	34.77 1.34 0.00	32.27 1.12 0.00	31.25 1.03 0.00	31.71 1.04 0.00	33.40 1.22 0.00	37.33 1.23 0.00	39.63 1.34 0.00	38.45 1.44 0.00	38.98 1.50 0.00	39.36 1.66 0.00	39.73 1.71 0.00	39.55 1.74 0.00	40.80 1.83 0.00	40.46 1.89 0.00	41.44 1.94 0.00	46.52 2.26 0.00	58.34 2.78 0.00	67.51 2.97 0.00	64.50 2.84 0.00	48.11 2.07 0.00	43.32 1.98 0.00	40.59 1.56 0.00	37.03 1.39 0.00
CH_MIDHUDSON___DRP 24192	38.71 1.60 0.00	34.84 1.40 0.00	32.36 1.21 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.63 1.34 0.00	38.45 1.44 0.00	39.01 1.54 0.00	39.43 1.73 0.00	39.81 1.79 0.00	39.63 1.82 0.00	40.88 1.91 0.00	40.54 1.97 0.00	41.48 1.98 0.00	46.61 2.35 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.50 2.84 0.00	48.15 2.12 0.00	43.36 2.03 0.00	40.63 1.60 0.00	37.07 1.43 0.00
CH_MISC_IPPS 23765	38.89 1.78 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.82 1.53 0.00	38.63 1.63 0.00	39.24 1.76 0.00	39.66 1.96 0.00	39.99 1.98 0.00	39.74 1.93 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.84 3.28 0.00	68.02 3.48 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.61 2.27 0.00	40.83 1.80 0.00	37.28 1.64 0.00
CH_RES_BVR_FALLS 23983	36.71 -0.41 0.00	33.07 -0.37 0.00	30.84 -0.31 0.00	29.95 -0.27 0.00	30.42 -0.25 0.00	31.95 -0.22 0.00	35.89 -0.22 0.00	38.02 -0.27 0.00	36.78 -0.22 0.00	37.29 -0.19 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	37.70 -0.11 0.00	38.89 -0.08 0.00	38.42 -0.15 0.00	39.34 -0.16 0.00	44.09 -0.18 0.00	55.34 -0.22 0.00	64.15 -0.38 0.00	61.16 -0.50 0.00	45.66 -0.37 0.00	40.97 -0.37 0.00	38.68 -0.35 0.00	35.32 -0.32 0.00
CH_RES_NIAGARA 23895	35.85 -1.26 0.00	32.13 -1.30 0.00	30.18 -0.97 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.32 -2.37 0.00	35.74 -2.28 0.00	35.85 -1.97 0.00	36.71 -2.26 0.00	36.14 -2.43 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.39 -6.17 0.01	58.92 -5.61 0.01	56.29 -5.36 0.01	41.29 -4.74 0.01	37.25 -4.09 0.00	36.49 -2.54 0.00	34.29 -1.35 0.00
CH_RES_SYRACUSE 23985	36.86 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.78 -0.33 0.00	38.10 -0.19 0.00	36.82 -0.18 0.00	37.29 -0.19 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.59 -0.23 0.00	38.66 -0.31 0.00	38.30 -0.27 0.00	39.23 -0.27 0.00	43.73 -0.53 0.00	54.95 -0.61 0.00	64.02 -0.52 0.00	61.29 -0.37 0.00	45.66 -0.37 0.00	41.01 -0.33 0.00	38.84 -0.19 0.00	35.50 -0.14 0.00
CLINTON_WT_PWR 323605	37.26 0.15 0.00	33.53 0.10 0.00	31.33 0.19 0.00	30.44 0.21 0.00	30.94 0.28 0.00	32.49 0.32 0.00	36.54 0.43 0.00	38.56 0.27 0.00	37.27 0.26 0.00	37.78 0.30 0.00	38.07 0.38 0.00	38.36 0.34 0.00	37.93 0.11 0.00	39.05 0.08 0.00	38.53 -0.04 0.00	39.42 -0.08 0.00	44.31 0.04 0.00	55.84 0.28 0.00	64.93 0.39 0.00	61.97 0.31 0.00	46.27 0.23 0.00	41.42 0.08 0.00	39.15 0.12 0.00	35.75 0.11 0.00
CLINTON___LFGE 323618	37.74 0.63 0.00	33.97 0.53 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.40 0.73 0.00	33.01 0.84 0.00	37.15 1.05 0.00	39.10 0.81 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.84 0.57 0.00	56.73 1.17 0.00	65.96 1.42 0.00	62.89 1.23 0.00	46.95 0.92 0.00	41.84 0.50 0.00	39.62 0.59 0.00	36.17 0.54 0.00
COBBLENY_34_KV_TB1 80064	36.15 -0.96 0.00	32.87 -0.57 0.00	30.84 -0.31 0.00	30.01 -0.21 0.00	30.39 -0.28 0.00	31.56 -0.61 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.52 -0.48 0.00	36.95 -0.52 0.00	36.27 -1.43 0.00	36.69 -1.33 0.00	36.83 -0.98 0.00	37.69 -1.29 0.00	37.14 -1.43 0.00	37.80 -1.70 0.00	41.42 -2.83 0.00	51.67 -3.89 0.00	61.24 -3.29 0.00	58.51 -3.14 0.00	43.04 -2.99 0.00	38.57 -2.77 0.00	37.59 -1.44 0.00	35.21 -0.43 0.00
COFFEEN___115KV_TB3 355620	37.97 0.85 0.00	34.20 0.77 0.00	31.77 0.62 0.00	30.80 0.57 0.00	31.31 0.64 0.00	32.85 0.68 0.00	37.00 0.90 0.00	39.44 1.15 0.00	37.89 0.89 0.00	38.00 0.52 0.00	38.23 0.53 0.00	38.36 0.34 0.00	38.08 0.26 0.00	39.21 0.23 0.00	38.88 0.31 0.00	39.98 0.47 0.00	44.84 0.58 0.00	56.56 1.00 0.00	66.15 1.61 0.00	63.69 2.03 0.00	47.83 1.80 0.00	42.83 1.49 0.00	40.40 1.37 0.00	36.49 0.86 0.00
COLDSPRG_115KV_BK1 355956	36.52 -0.59 0.00	33.17 -0.27 0.00	31.05 -0.09 0.00	30.16 -0.06 0.00	30.57 -0.09 0.00	31.85 -0.32 0.00	35.67 -0.43 0.00	38.44 0.15 0.00	37.04 0.04 0.00	37.51 0.04 0.00	36.79 -0.90 0.00	37.22 -0.80 0.00	37.44 -0.38 0.00	38.31 -0.66 0.00	37.76 -0.81 0.00	38.55 -0.95 0.00	42.53 -1.73 0.00	53.28 -2.28 0.00	62.79 -1.74 0.00	59.99 -1.66 0.00	44.14 -1.89 0.00	39.35 -1.98 0.00	38.17 -0.86 0.00	35.57 -0.07 0.00
COLONIE_LFGE___ 323577	38.23 1.11 0.00	34.40 0.97 0.00	32.05 0.90 0.00	31.04 0.82 0.00	31.49 0.83 0.00	33.07 0.90 0.00	37.15 1.05 0.00	39.25 0.96 0.00	37.93 0.93 0.00	38.41 0.94 0.00	38.72 1.02 0.00	39.01 0.99 0.00	38.72 0.91 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.65 1.15 0.00	45.81 1.55 0.00	57.62 2.06 0.00	66.80 2.26 0.00	63.69 2.03 0.00	47.60 1.57 0.00	42.66 1.32 0.00	40.12 1.09 0.00	36.56 0.93 0.00
COOPERNY_115KV_TB1 80082	38.41 1.30 0.00	34.60 1.17 0.00	32.14 1.00 0.00	31.13 0.91 0.00	31.58 0.92 0.00	33.27 1.09 0.00	37.19 1.08 0.00	39.52 1.23 0.00	38.34 1.33 0.00	38.83 1.35 0.00	39.13 1.43 0.00	39.50 1.48 0.00	39.33 1.51 0.00	40.57 1.60 0.00	40.19 1.62 0.00	41.16 1.66 0.00	46.21 1.95 0.00	57.95 2.39 0.00	67.05 2.52 0.00	64.06 2.40 0.00	47.83 1.80 0.00	43.07 1.74 0.00	40.44 1.41 0.00	36.89 1.25 0.00
COPENHAGEN_WT_PWR 323753	37.67 0.56 0.00	33.94 0.50 0.00	31.52 0.38 0.00	30.59 0.36 0.00	31.03 0.37 0.00	32.59 0.42 0.00	36.68 0.58 0.00	39.10 0.81 0.00	37.60 0.59 0.00	37.78 0.30 0.00	37.96 0.27 0.00	38.13 0.11 0.00	37.93 0.11 0.00	39.05 0.08 0.00	38.69 0.12 0.00	39.74 0.24 0.00	44.53 0.27 0.00	56.12 0.56 0.00	65.51 0.97 0.00	63.01 1.35 0.00	47.28 1.24 0.00	42.37 1.03 0.00	40.01 0.98 0.00	36.17 0.54 0.00
CORNELL_____ 23752	37.60 0.48 0.00	33.87 0.43 0.00	31.46 0.31 0.00	30.59 0.36 0.00	31.03 0.37 0.00	32.49 0.32 0.00	36.54 0.43 0.00	38.98 0.69 0.00	37.56 0.56 0.00	37.89 0.41 0.00	37.85 0.15 0.00	38.13 0.11 0.00	38.04 0.23 0.00	39.13 0.16 0.00	38.80 0.23 0.00	39.78 0.28 0.00	44.48 0.22 0.00	56.06 0.50 0.00	65.57 1.03 0.00	62.77 1.11 0.00	46.68 0.64 0.00	41.83 0.50 0.00	39.62 0.59 0.00	36.25 0.61 0.00

CORONA V_69_KV_TB1 355595	38.89 1.78 0.00	34.90 1.47 0.00	32.36 1.21 0.00	31.28 1.06 0.00	31.71 1.04 0.00	33.40 1.22 0.00	37.03 0.94 0.01	39.32 1.03 0.00	38.34 1.33 0.00	39.20 1.72 0.00	39.85 2.15 0.00	40.19 2.17 0.00	40.20 2.38 0.00	41.35 2.38 0.00	41.08 2.51 0.00	41.71 2.21 0.00	46.61 2.35 0.00	58.34 2.78 0.00	67.31 2.78 0.01	64.30 2.65 0.01	47.91 1.89 0.01	43.24 1.90 0.00	40.71 1.68 0.00	37.21 1.57 0.00
CORTLAND_115KV_TB3 80093	37.30 0.19 0.00	33.63 0.20 0.00	31.27 0.12 0.00	30.37 0.15 0.00	30.82 0.15 0.00	32.30 0.13 0.00	36.28 0.18 0.00	38.64 0.34 0.00	37.30 0.30 0.00	37.66 0.19 0.00	37.70 0.00 0.00	38.02 0.00 0.00	37.89 0.08 0.00	39.01 0.04 0.00	38.65 0.08 0.00	39.62 0.12 0.00	44.26 0.00 0.00	55.67 0.11 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.31 0.28 0.00	41.55 0.21 0.00	39.30 0.27 0.00	35.92 0.29 0.00
COXSACKIE__GT 23611	38.74 1.63 0.00	34.87 1.44 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.52 1.22 0.00	38.04 1.03 0.00	38.45 0.97 0.00	38.64 0.94 0.00	38.82 0.80 0.00	38.53 0.72 0.00	39.87 0.90 0.00	39.57 1.00 0.00	40.80 1.30 0.00	46.21 1.95 0.00	58.50 2.94 0.00	67.89 3.35 0.00	64.68 3.02 0.00	48.38 2.35 0.00	43.28 1.94 0.00	40.55 1.52 0.00	37.03 1.39 0.00
CPV_VALLEY__CC1 323721	38.49 1.37 0.00	34.67 1.24 0.00	32.24 1.09 0.00	31.19 0.97 0.00	31.64 0.98 0.00	33.33 1.16 0.00	37.26 1.15 0.00	39.55 1.26 0.00	38.38 1.37 0.00	38.90 1.42 0.00	39.24 1.55 0.00	39.62 1.60 0.00	39.40 1.59 0.00	40.73 1.76 0.00	40.35 1.78 0.00	41.32 1.82 0.00	46.39 2.12 0.00	58.12 2.56 0.00	67.31 2.77 0.00	64.25 2.59 0.00	47.97 1.93 0.00	43.16 1.82 0.00	40.48 1.45 0.00	36.96 1.32 0.00
CPV_VALLEY__CC2 323722	38.49 1.37 0.00	34.67 1.24 0.00	32.24 1.09 0.00	31.19 0.97 0.00	31.64 0.98 0.00	33.33 1.16 0.00	37.26 1.15 0.00	39.55 1.26 0.00	38.38 1.37 0.00	38.90 1.42 0.00	39.24 1.55 0.00	39.62 1.60 0.00	39.40 1.59 0.00	40.73 1.76 0.00	40.35 1.78 0.00	41.32 1.82 0.00	46.39 2.12 0.00	58.12 2.56 0.00	67.31 2.77 0.00	64.25 2.59 0.00	47.97 1.93 0.00	43.16 1.82 0.00	40.48 1.45 0.00	36.96 1.32 0.00
CRESCENT__HYD 24018	38.23 1.11 0.00	34.40 0.97 0.00	32.05 0.90 0.00	31.04 0.82 0.00	31.49 0.83 0.00	33.07 0.90 0.00	37.15 1.05 0.00	39.25 0.96 0.00	37.93 0.93 0.00	38.41 0.94 0.00	38.72 1.02 0.00	39.01 0.99 0.00	38.72 0.91 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.65 1.15 0.00	45.81 1.55 0.00	57.62 2.06 0.00	66.80 2.26 0.00	63.69 2.03 0.00	47.60 1.57 0.00	42.66 1.32 0.00	40.12 1.09 0.00	36.56 0.93 0.00
CRICKET__VALLEY_CC1 323756	38.38 1.26 0.00	34.57 1.14 0.00	32.14 1.00 0.00	31.10 0.88 0.00	31.52 0.86 0.00	33.20 1.03 0.00	37.22 1.12 0.00	39.36 1.07 0.00	38.15 1.15 0.00	38.68 1.20 0.00	39.09 1.40 0.00	39.43 1.41 0.00	39.17 1.36 0.00	40.53 1.56 0.00	40.15 1.58 0.00	41.12 1.62 0.00	46.21 1.95 0.00	58.00 2.44 0.00	66.99 2.45 0.00	63.94 2.28 0.00	47.74 1.70 0.00	42.95 1.61 0.00	40.24 1.21 0.00	36.75 1.11 0.00
CRICKET__VALLEY_CC2 323757	38.38 1.26 0.00	34.57 1.14 0.00	32.14 1.00 0.00	31.10 0.88 0.00	31.52 0.86 0.00	33.20 1.03 0.00	37.22 1.12 0.00	39.36 1.07 0.00	38.15 1.15 0.00	38.68 1.20 0.00	39.09 1.40 0.00	39.43 1.41 0.00	39.17 1.36 0.00	40.53 1.56 0.00	40.15 1.58 0.00	41.12 1.62 0.00	46.21 1.95 0.00	58.00 2.44 0.00	66.99 2.45 0.00	63.94 2.28 0.00	47.74 1.70 0.00	42.95 1.61 0.00	40.24 1.21 0.00	36.75 1.11 0.00
CRICKET__VALLEY_CC3 323758	38.38 1.26 0.00	34.57 1.14 0.00	32.14 1.00 0.00	31.10 0.88 0.00	31.52 0.86 0.00	33.20 1.03 0.00	37.22 1.12 0.00	39.36 1.07 0.00	38.15 1.15 0.00	38.68 1.20 0.00	39.09 1.40 0.00	39.43 1.41 0.00	39.17 1.36 0.00	40.53 1.56 0.00	40.15 1.58 0.00	41.12 1.62 0.00	46.21 1.95 0.00	58.00 2.44 0.00	66.99 2.45 0.00	63.94 2.28 0.00	47.74 1.70 0.00	42.95 1.61 0.00	40.24 1.21 0.00	36.75 1.11 0.00
CRUCIBLE_METL_DRP 24180	36.85 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.10 -0.19 0.00	36.82 -0.19 0.00	37.29 -0.19 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.55 -0.26 0.00	38.66 -0.31 0.00	38.26 -0.31 0.00	39.22 -0.28 0.00	43.73 -0.53 0.00	54.95 -0.61 0.00	64.02 -0.52 0.00	61.29 -0.37 0.00	45.62 -0.41 0.00	40.97 -0.37 0.00	38.80 -0.23 0.00	35.50 -0.14 0.00
DAHOWA__HYDRO 323763	38.45 1.33 0.00	34.64 1.20 0.00	32.27 1.12 0.00	31.22 1.00 0.00	31.67 1.01 0.00	33.27 1.09 0.00	37.29 1.19 0.00	39.44 1.15 0.00	38.00 1.00 0.00	38.41 0.94 0.00	38.64 0.94 0.00	38.85 0.84 0.00	38.53 0.72 0.00	39.79 0.82 0.00	39.50 0.92 0.00	40.57 1.07 0.00	45.81 1.55 0.00	57.78 2.22 0.00	67.25 2.71 0.00	64.13 2.47 0.00	47.97 1.93 0.00	42.82 1.49 0.00	40.36 1.33 0.00	36.75 1.11 0.00
DANC__LFGE 323619	37.19 0.07 0.00	33.50 0.07 0.00	31.15 0.00 0.00	30.22 0.00 0.00	30.66 0.00 0.00	32.17 0.00 0.00	36.17 0.07 0.00	38.52 0.23 0.00	37.12 0.11 0.00	37.40 -0.07 0.00	37.59 -0.11 0.00	37.79 -0.23 0.00	37.63 -0.19 0.00	38.70 -0.27 0.00	38.34 -0.23 0.00	39.34 -0.16 0.00	43.91 -0.36 0.00	55.28 -0.28 0.00	64.54 0.00 0.00	61.91 0.25 0.00	46.40 0.37 0.00	41.63 0.29 0.00	39.38 0.35 0.00	35.75 0.11 0.00
DANSKAMMER__1 23586	38.89 1.78 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.82 1.53 0.00	38.63 1.63 0.00	39.24 1.76 0.00	39.66 1.96 0.00	39.99 1.98 0.00	39.74 1.93 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.84 3.28 0.00	68.02 3.48 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.61 2.27 0.00	40.83 1.80 0.00	37.28 1.64 0.00
DANSKAMMER__2 23589	38.89 1.78 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.82 1.53 0.00	38.63 1.63 0.00	39.24 1.76 0.00	39.66 1.96 0.00	39.99 1.98 0.00	39.74 1.93 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.84 3.28 0.00	68.02 3.48 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.61 2.27 0.00	40.83 1.80 0.00	37.28 1.64 0.00
DANSKAMMER__3 23590	38.89 1.78 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.82 1.53 0.00	38.63 1.63 0.00	39.24 1.76 0.00	39.66 1.96 0.00	39.99 1.98 0.00	39.74 1.93 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.84 3.28 0.00	68.02 3.48 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.61 2.27 0.00	40.83 1.80 0.00	37.28 1.64 0.00

DANSKAMMER___4 23591	38.89 1.78 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.82 1.53 0.00	38.63 1.63 0.00	39.24 1.76 0.00	39.66 1.96 0.00	39.99 1.98 0.00	39.74 1.93 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.84 3.28 0.00	68.02 3.48 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.61 2.27 0.00	40.83 1.80 0.00	37.28 1.64 0.00
DANSKAMMER___DIESEL 23592	38.93 1.82 0.00	35.04 1.60 0.00	32.52 1.37 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.82 1.53 0.00	38.63 1.63 0.00	39.24 1.76 0.00	39.66 1.96 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.84 3.28 0.00	68.02 3.49 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.65 2.31 0.00	40.87 1.83 0.00	37.28 1.64 0.00
DARBY___SOLAR 323810	38.41 1.30 0.00	34.57 1.14 0.00	32.21 1.06 0.00	31.19 0.97 0.00	31.62 0.95 0.00	33.20 1.03 0.00	37.26 1.15 0.00	39.36 1.07 0.00	37.97 0.96 0.00	38.37 0.90 0.00	38.60 0.90 0.00	38.82 0.80 0.00	38.53 0.72 0.00	39.79 0.82 0.00	39.46 0.89 0.00	40.53 1.03 0.00	45.81 1.55 0.00	57.67 2.11 0.00	67.12 2.58 0.00	64.00 2.34 0.00	47.88 1.84 0.00	42.78 1.45 0.00	40.32 1.29 0.00	36.71 1.07 0.00
DASHVILLE___HYD 23610	38.67 1.56 0.00	34.80 1.37 0.00	32.30 1.15 0.00	31.28 1.06 0.00	31.71 1.04 0.00	33.33 1.16 0.00	37.26 1.16 0.00	39.44 1.15 0.00	38.23 1.22 0.00	38.79 1.31 0.00	39.21 1.51 0.00	39.58 1.56 0.00	39.40 1.59 0.00	40.65 1.68 0.00	40.31 1.74 0.00	41.28 1.78 0.00	46.43 2.17 0.00	58.28 2.72 0.00	67.31 2.78 0.00	64.25 2.59 0.00	47.97 1.93 0.00	43.24 1.90 0.00	40.51 1.48 0.00	36.99 1.35 0.00
DELAWARE___LFGE 323621	38.00 0.89 0.00	34.27 0.84 0.00	31.93 0.78 0.00	30.95 0.73 0.00	31.40 0.74 0.00	32.95 0.77 0.00	36.93 0.83 0.00	39.25 0.96 0.00	37.97 0.96 0.00	38.38 0.90 0.00	38.60 0.90 0.00	38.89 0.87 0.00	38.72 0.91 0.00	39.91 0.94 0.00	39.54 0.96 0.00	40.53 1.03 0.00	45.46 1.20 0.00	57.00 1.44 0.00	66.21 1.68 0.00	63.32 1.66 0.00	47.32 1.29 0.00	42.50 1.16 0.00	40.05 1.01 0.00	36.49 0.86 0.00
DERFIELD_115KV_TB7 355931	37.19 0.07 0.00	33.50 0.07 0.00	31.21 0.06 0.00	30.28 0.06 0.00	30.73 0.06 0.00	32.24 0.06 0.00	36.17 0.07 0.00	38.37 0.08 0.00	37.08 0.07 0.00	37.55 0.07 0.00	37.77 0.08 0.00	38.10 0.08 0.00	37.93 0.11 0.00	39.09 0.12 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.78 0.22 0.00	64.73 0.19 0.00	61.84 0.18 0.00	46.22 0.18 0.00	41.50 0.17 0.00	39.15 0.12 0.00	35.71 0.07 0.00
DOGLEVILLE___HYD 23807	37.52 0.41 0.00	33.77 0.33 0.00	31.43 0.28 0.00	30.46 0.24 0.00	30.97 0.31 0.00	32.56 0.39 0.00	36.54 0.43 0.00	38.75 0.46 0.00	37.41 0.41 0.00	37.89 0.41 0.00	38.19 0.49 0.00	38.59 0.57 0.00	38.42 0.61 0.00	39.59 0.62 0.00	39.23 0.66 0.00	40.17 0.67 0.00	45.01 0.75 0.00	56.28 0.72 0.00	65.31 0.77 0.00	62.46 0.80 0.00	46.59 0.55 0.00	41.88 0.54 0.00	39.50 0.47 0.00	35.96 0.32 0.00
DUNKIRK__115KV_TB_200 55889	36.37 -0.74 0.00	33.03 -0.40 0.00	30.96 -0.19 0.00	30.10 -0.12 0.00	30.45 -0.21 0.00	31.69 -0.48 0.00	35.52 -0.58 0.00	38.25 -0.04 0.00	36.78 -0.22 0.00	37.18 -0.30 0.00	36.53 -1.17 0.00	36.95 -1.06 0.00	37.17 -0.64 0.00	38.04 -0.94 0.00	37.53 -1.04 0.00	38.24 -1.26 0.00	41.96 -2.30 0.00	52.33 -3.22 0.00	62.02 -2.52 0.00	59.19 -2.47 0.00	43.50 -2.53 0.00	38.94 -2.40 0.00	37.86 -1.17 0.00	35.39 -0.25 0.00
DUNKIRK___1 23563	36.37 -0.74 0.00	33.03 -0.40 0.00	30.96 -0.19 0.00	30.10 -0.12 0.00	30.45 -0.21 0.00	31.69 -0.48 0.00	35.52 -0.58 0.00	38.25 -0.04 0.00	36.78 -0.22 0.00	37.18 -0.30 0.00	36.53 -1.17 0.00	36.95 -1.06 0.00	37.17 -0.64 0.00	38.04 -0.94 0.00	37.53 -1.04 0.00	38.24 -1.26 0.00	41.96 -2.30 0.00	52.33 -3.22 0.00	62.02 -2.52 0.00	59.19 -2.47 0.00	43.50 -2.53 0.00	38.94 -2.40 0.00	37.86 -1.17 0.00	35.39 -0.25 0.00
DUNKIRK___2 23564	36.37 -0.74 0.00	33.03 -0.40 0.00	30.96 -0.19 0.00	30.10 -0.12 0.00	30.45 -0.21 0.00	31.69 -0.48 0.00	35.52 -0.58 0.00	38.25 -0.04 0.00	36.78 -0.22 0.00	37.18 -0.30 0.00	36.53 -1.17 0.00	36.95 -1.06 0.00	37.17 -0.64 0.00	38.04 -0.94 0.00	37.53 -1.04 0.00	38.24 -1.26 0.00	41.96 -2.30 0.00	52.33 -3.22 0.00	62.02 -2.52 0.00	59.19 -2.47 0.00	43.50 -2.53 0.00	38.94 -2.40 0.00	37.86 -1.17 0.00	35.39 -0.25 0.00
DUNKIRK___3 23565	36.26 -0.85 0.00	32.93 -0.50 0.00	30.87 -0.28 0.00	30.04 -0.18 0.00	30.39 -0.28 0.00	31.63 -0.55 0.00	35.42 -0.69 0.00	38.10 -0.19 0.00	36.64 -0.37 0.00	37.03 -0.45 0.00	36.38 -1.32 0.00	36.80 -1.22 0.00	36.98 -0.83 0.00	37.84 -1.13 0.00	37.34 -1.23 0.00	38.04 -1.46 0.00	41.73 -2.52 0.00	52.11 -3.44 0.00	61.69 -2.84 0.00	58.94 -2.71 0.00	43.36 -2.67 0.00	38.82 -2.52 0.00	37.74 -1.29 0.00	35.28 -0.36 0.00
DUNKIRK___4 23566	36.26 -0.85 0.00	32.93 -0.50 0.00	30.87 -0.28 0.00	30.04 -0.18 0.00	30.39 -0.28 0.00	31.63 -0.55 0.00	35.42 -0.69 0.00	38.10 -0.19 0.00	36.64 -0.37 0.00	37.03 -0.45 0.00	36.38 -1.32 0.00	36.80 -1.22 0.00	36.98 -0.83 0.00	37.84 -1.13 0.00	37.34 -1.23 0.00	38.04 -1.46 0.00	41.73 -2.52 0.00	52.11 -3.44 0.00	61.69 -2.84 0.00	58.94 -2.71 0.00	43.36 -2.67 0.00	38.82 -2.52 0.00	37.74 -1.29 0.00	35.28 -0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.89 1.78 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.62 1.45 0.00	37.55 1.44 0.00	39.82 1.53 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.04 0.00	40.11 2.09 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.75 2.25 0.00	46.83 2.57 0.00	58.67 3.11 0.00	67.76 3.23 0.00	64.68 3.02 0.00	48.29 2.26 0.00	43.53 2.19 0.00	40.83 1.80 0.00	37.21 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.78 1.67 0.00	34.90 1.47 0.00	32.39 1.25 0.00	31.37 1.15 0.00	31.80 1.13 0.00	33.52 1.35 0.00	37.44 1.34 0.00	39.75 1.46 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.51 1.81 0.00	39.88 1.86 0.00	39.71 1.89 0.00	40.96 1.99 0.00	40.62 2.04 0.00	41.60 2.09 0.00	46.74 2.48 0.00	58.62 3.06 0.00	67.83 3.29 0.00	64.74 3.08 0.00	48.34 2.30 0.00	43.53 2.19 0.00	40.75 1.72 0.00	37.17 1.53 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.86 1.74 0.00	35.07 1.64 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.83 1.17 0.00	33.59 1.42 0.00	37.40 1.30 0.00	39.63 1.34 0.00	38.56 1.55 0.00	39.09 1.61 0.00	39.55 1.85 0.00	39.96 1.94 0.00	39.82 2.00 0.00	41.08 2.10 0.00	40.69 2.12 0.00	41.60 2.09 0.00	46.52 2.26 0.00	58.12 2.56 0.00	67.05 2.52 0.01	64.06 2.40 0.01	47.82 1.80 0.01	43.28 1.94 0.00	40.63 1.60 0.00	37.14 1.50 0.00

E179THST_13_KV_LOAD 356214	39.01 1.89 0.00	35.21 1.77 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.04 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.37 2.84 0.01	64.36 2.71 0.01	48.05 2.03 0.01	43.45 2.11 0.00	40.79 1.76 0.00	37.28 1.64 0.00
EAST HAMPTON___GT 23717	38.56 1.45 0.00	34.23 0.80 0.00	31.74 0.59 0.00	30.53 0.30 0.00	30.94 0.28 0.00	32.56 0.39 0.00	35.55 -0.54 0.01	37.87 -0.42 0.00	36.93 -0.07 0.00	38.19 0.71 0.00	40.00 2.30 0.00	39.50 1.48 0.00	39.29 1.47 0.00	40.61 1.64 0.00	40.31 1.74 0.00	40.92 1.42 0.00	45.32 1.06 0.00	56.73 1.17 0.00	65.18 0.65 0.01	62.21 0.55 0.01	46.39 0.37 0.01	41.75 0.41 0.00	38.95 -0.08 0.00	36.46 0.82 0.00
EAST RIVER___6 23660	38.93 1.82 0.00	35.07 1.64 0.00	32.61 1.46 0.00	31.49 1.27 0.00	31.89 1.23 0.00	33.72 1.54 0.00	37.62 1.52 0.00	39.97 1.68 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.88 2.19 0.00	40.22 2.20 0.00	40.01 2.19 0.00	41.39 2.42 0.00	41.00 2.43 0.00	41.95 2.45 0.00	47.05 2.79 0.00	58.78 3.22 0.00	67.83 3.29 0.00	64.80 3.14 0.00	48.38 2.35 0.00	43.61 2.27 0.00	40.87 1.83 0.00	37.28 1.64 0.00
EAST RIVER___7 23524	38.93 1.82 0.00	35.07 1.64 0.00	32.61 1.46 0.00	31.49 1.27 0.00	31.89 1.23 0.00	33.72 1.54 0.00	37.62 1.52 0.00	39.97 1.68 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.88 2.19 0.00	40.22 2.20 0.00	40.01 2.19 0.00	41.39 2.42 0.00	41.00 2.43 0.00	41.95 2.45 0.00	47.05 2.79 0.00	58.78 3.22 0.00	67.83 3.29 0.00	64.80 3.14 0.00	48.38 2.35 0.00	43.61 2.27 0.00	40.87 1.83 0.00	37.28 1.64 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.82 1.71 0.00	34.94 1.50 0.00	32.42 1.28 0.00	31.40 1.18 0.00	31.83 1.17 0.00	33.56 1.38 0.00	37.47 1.37 0.00	39.78 1.49 0.00	38.63 1.63 0.00	39.20 1.72 0.00	39.66 1.96 0.00	40.03 2.02 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.77 2.20 0.00	41.67 2.17 0.00	46.78 2.52 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.17 1.53 0.00
EAST_HAMPTON___DIESEL 23722	38.49 1.37 0.00	34.17 0.73 0.00	31.68 0.53 0.00	30.46 0.24 0.00	30.88 0.22 0.00	32.49 0.32 0.00	35.45 -0.65 0.01	37.75 -0.54 0.00	36.78 -0.22 0.00	38.07 0.60 0.00	39.88 2.19 0.00	39.43 1.41 0.00	39.21 1.40 0.00	40.53 1.56 0.00	40.23 1.66 0.00	40.85 1.34 0.00	45.19 0.93 0.00	56.56 1.00 0.00	64.98 0.45 0.01	62.02 0.37 0.01	46.26 0.23 0.01	41.63 0.29 0.00	38.84 -0.19 0.00	36.39 0.75 0.00
EAST_POINT___SOLAR 323840	38.97 1.85 0.00	35.10 1.67 0.00	32.73 1.59 0.00	31.64 1.42 0.00	32.11 1.44 0.00	33.75 1.58 0.00	37.83 1.73 0.00	39.94 1.65 0.00	37.78 0.78 0.00	37.70 0.23 0.00	37.36 -0.34 0.00	37.64 -0.38 0.00	37.59 -0.23 0.00	38.93 -0.04 0.00	38.96 0.39 0.00	40.33 0.83 0.00	45.99 1.72 0.00	58.39 2.83 0.00	68.54 4.00 0.00	65.36 3.70 0.00	48.89 2.86 0.00	43.57 2.23 0.00	41.14 2.11 0.00	37.32 1.68 0.00
EAST_PULASKI___ESR 323781	36.78 -0.33 0.00	33.10 -0.33 0.00	30.80 -0.34 0.00	29.89 -0.33 0.00	30.33 -0.34 0.00	31.82 -0.35 0.00	35.71 -0.40 0.00	37.98 -0.31 0.00	36.71 -0.30 0.00	37.07 -0.41 0.00	37.21 -0.49 0.00	37.49 -0.53 0.00	37.36 -0.45 0.00	38.43 -0.55 0.00	38.07 -0.50 0.00	39.03 -0.47 0.00	43.38 -0.88 0.00	54.50 -1.06 0.00	63.57 -0.97 0.00	60.86 -0.80 0.00	45.57 -0.46 0.00	40.88 -0.45 0.00	38.80 -0.23 0.00	35.35 -0.29 0.00
EAST_RIVER___1 323558	38.93 1.82 0.00	35.07 1.64 0.00	32.61 1.46 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.72 1.54 0.00	37.62 1.52 0.00	39.94 1.65 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.85 2.15 0.00	40.22 2.20 0.00	39.97 2.15 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.91 2.41 0.00	46.96 2.70 0.00	58.73 3.17 0.00	67.83 3.29 0.00	64.80 3.14 0.00	48.33 2.30 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.28 1.64 0.00
EAST_RIVER___2 323559	38.93 1.82 0.00	35.07 1.64 0.00	32.61 1.46 0.00	31.49 1.27 0.00	31.89 1.23 0.00	33.72 1.54 0.00	37.62 1.52 0.00	39.97 1.68 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.88 2.19 0.00	40.22 2.20 0.00	40.01 2.19 0.00	41.39 2.42 0.00	41.00 2.43 0.00	41.95 2.45 0.00	47.05 2.79 0.00	58.78 3.22 0.00	67.83 3.29 0.00	64.80 3.14 0.00	48.38 2.35 0.00	43.61 2.27 0.00	40.87 1.83 0.00	37.28 1.64 0.00
EAST___DELAWARE_HYD 23607	39.08 1.97 0.00	35.20 1.77 0.00	32.70 1.56 0.00	31.61 1.39 0.00	32.08 1.41 0.00	33.75 1.58 0.00	37.73 1.63 0.00	40.02 1.72 0.00	38.85 1.85 0.00	39.39 1.91 0.00	39.77 2.07 0.00	40.07 2.05 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.87 2.37 0.00	47.10 2.84 0.00	59.12 3.56 0.00	68.47 3.94 0.00	65.36 3.70 0.00	48.84 2.81 0.00	43.90 2.56 0.00	41.10 2.07 0.00	37.49 1.85 0.00
EIGHT_POINT___WT_PWR 323820	36.78 -0.33 0.00	33.23 -0.20 0.00	31.05 -0.09 0.00	30.07 -0.15 0.00	30.45 -0.21 0.00	31.75 -0.42 0.00	35.63 -0.47 0.00	38.18 -0.11 0.00	36.67 -0.33 0.00	36.95 -0.52 0.00	36.38 -1.32 0.00	36.80 -1.22 0.00	37.21 -0.61 0.00	37.92 -1.05 0.00	37.57 -1.00 0.00	38.32 -1.18 0.00	42.49 -1.77 0.00	53.67 -1.89 0.00	63.31 -1.23 0.00	60.30 -1.36 0.00	44.56 -1.47 0.00	39.89 -1.45 0.00	38.49 -0.55 0.00	35.53 -0.11 0.00
ELBRIDGE_115KV_TB2 80188	36.71 -0.41 0.00	33.07 -0.37 0.00	30.74 -0.40 0.00	29.89 -0.33 0.00	30.30 -0.37 0.00	31.75 -0.42 0.00	35.67 -0.43 0.00	37.98 -0.31 0.00	36.67 -0.33 0.00	37.10 -0.37 0.00	37.17 -0.53 0.00	37.49 -0.53 0.00	37.36 -0.45 0.00	38.46 -0.51 0.00	38.11 -0.46 0.00	39.03 -0.47 0.00	43.55 -0.71 0.00	54.67 -0.89 0.00	63.76 -0.77 0.00	60.98 -0.68 0.00	45.44 -0.60 0.00	40.76 -0.58 0.00	38.64 -0.39 0.00	35.32 -0.32 0.00
ELEC_TRO_TEK 24086	38.75 1.63 0.00	34.74 1.30 0.00	32.21 1.06 0.00	31.13 0.91 0.00	31.55 0.89 0.00	33.23 1.06 0.00	36.89 0.79 0.01	39.17 0.88 0.00	38.19 1.18 0.00	39.05 1.57 0.00	39.66 1.96 0.00	39.96 1.94 0.00	40.01 2.19 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.48 1.98 0.00	46.34 2.08 0.00	57.95 2.39 0.00	66.85 2.32 0.01	63.87 2.22 0.01	47.64 1.61 0.01	42.99 1.65 0.00	40.48 1.44 0.00	36.99 1.35 0.00
ELLENBURG_WT_PWR 323604	37.26 0.15 0.00	33.53 0.10 0.00	31.33 0.19 0.00	30.44 0.21 0.00	30.94 0.28 0.00	32.49 0.32 0.00	36.54 0.43 0.00	38.56 0.27 0.00	37.27 0.26 0.00	37.78 0.30 0.00	38.07 0.38 0.00	38.36 0.34 0.00	37.93 0.11 0.00	39.05 0.08 0.00	38.53 -0.04 0.00	39.42 -0.08 0.00	44.31 0.04 0.00	55.84 0.28 0.00	64.93 0.39 0.00	61.97 0.31 0.00	46.27 0.23 0.00	41.42 0.08 0.00	39.15 0.12 0.00	35.75 0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.11 -1.00 0.00	32.80 -0.64 0.00	30.77 -0.37 0.00	29.98 -0.24 0.00	30.33 -0.34 0.00	31.50 -0.68 0.00	35.27 -0.83 0.00	37.91 -0.38 0.00	36.38 -0.63 0.00	36.80 -0.67 0.00	36.15 -1.55 0.00	36.57 -1.44 0.00	36.68 -1.13 0.00	37.57 -1.40 0.00	36.99 -1.58 0.00	37.64 -1.86 0.00	41.11 -3.14 0.01	51.17 -4.39 0.01	60.79 -3.74 0.01	58.08 -3.58 0.01	42.67 -3.36 0.01	38.32 -3.02 0.00	37.43 -1.60 0.00	35.11 -0.53 0.00
EMPIRE_CC_1 323656	38.12 1.00 0.00	34.30 0.87 0.00	31.93 0.78 0.00	30.95 0.72 0.00	31.40 0.73 0.00	32.98 0.80 0.00	37.04 0.94 0.00	39.13 0.84 0.00	37.86 0.85 0.00	38.34 0.86 0.00	38.68 0.98 0.00	38.97 0.95 0.00	38.69 0.87 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.61 1.10 0.00	45.72 1.46 0.00	57.45 1.89 0.00	66.47 1.93 0.00	63.45 1.79 0.00	47.41 1.38 0.00	42.54 1.20 0.00	39.97 0.94 0.00	36.46 0.82 0.00
EMPIRE_CC_2 323658	38.12 1.00 0.00	34.30 0.87 0.00	31.93 0.78 0.00	30.95 0.72 0.00	31.40 0.73 0.00	32.98 0.80 0.00	37.04 0.94 0.00	39.13 0.84 0.00	37.86 0.85 0.00	38.34 0.86 0.00	38.68 0.98 0.00	38.97 0.95 0.00	38.69 0.87 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.61 1.10 0.00	45.72 1.46 0.00	57.45 1.89 0.00	66.47 1.93 0.00	63.45 1.79 0.00	47.41 1.38 0.00	42.54 1.20 0.00	39.97 0.94 0.00	36.46 0.82 0.00
ENORWICH_115KV_TB1 80156	38.78 1.67 0.00	34.97 1.54 0.00	32.49 1.34 0.00	31.52 1.30 0.00	32.01 1.35 0.00	33.56 1.38 0.00	37.83 1.73 0.00	40.32 2.03 0.00	38.86 1.85 0.00	38.90 1.42 0.00	38.94 1.24 0.00	39.12 1.10 0.00	38.95 1.13 0.00	40.06 1.09 0.00	39.73 1.16 0.00	40.84 1.34 0.00	45.85 1.59 0.00	57.95 2.39 0.00	68.02 3.49 0.00	65.42 3.76 0.00	48.80 2.76 0.00	43.49 2.15 0.00	41.06 2.03 0.00	37.28 1.64 0.00
ERIE_ST__34_KV_TB1-2 80199	36.07 -1.04 0.00	32.83 -0.60 0.00	30.77 -0.37 0.00	29.92 -0.30 0.00	30.33 -0.34 0.00	31.50 -0.68 0.00	35.27 -0.83 0.00	37.91 -0.38 0.00	36.45 -0.56 0.00	36.88 -0.60 0.00	36.19 -1.51 0.00	36.61 -1.41 0.00	36.76 -1.06 0.00	37.65 -1.33 0.00	37.11 -1.47 0.00	37.76 -1.74 0.00	41.51 -2.74 0.00	52.00 -3.56 0.00	61.37 -3.16 0.00	58.63 -3.02 0.00	43.27 -2.76 0.00	38.61 -2.73 0.00	37.55 -1.48 0.00	35.18 -0.46 0.00
ERIE_WT_PWR 323693	36.22 -0.89 0.00	32.93 -0.50 0.00	31.08 -0.06 0.00	30.04 -0.18 0.00	30.42 -0.25 0.00	31.60 -0.58 0.00	35.34 -0.76 0.00	38.02 -0.27 0.00	36.49 -0.52 0.00	36.92 -0.56 0.00	36.15 -1.55 0.00	36.65 -1.37 0.00	37.29 -0.53 0.00	37.69 -1.29 0.00	37.18 -1.39 0.00	37.72 -1.78 0.00	41.33 -2.92 0.00	51.61 -3.94 0.00	61.11 -3.42 0.00	58.38 -3.27 0.00	42.99 -3.04 0.00	38.57 -2.77 0.00	37.74 -1.29 0.00	35.21 -0.43 0.00
ESPRGFLD_115KV_TB1 80157	38.34 1.22 0.00	34.54 1.10 0.00	32.17 1.03 0.00	31.16 0.94 0.00	31.61 0.95 0.00	33.20 1.03 0.00	37.22 1.12 0.00	39.52 1.23 0.00	37.93 0.93 0.00	38.11 0.64 0.00	38.19 0.49 0.00	38.44 0.42 0.00	38.31 0.49 0.00	39.48 0.51 0.00	39.23 0.66 0.00	40.33 0.83 0.00	45.54 1.28 0.00	57.39 1.83 0.00	67.05 2.52 0.00	64.13 2.47 0.00	47.92 1.89 0.00	42.91 1.57 0.00	40.48 1.44 0.00	36.78 1.14 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.56 0.45 0.00	33.84 0.40 0.00	31.43 0.28 0.00	30.56 0.33 0.00	31.00 0.34 0.00	32.46 0.29 0.00	36.50 0.40 0.00	38.90 0.61 0.00	37.52 0.52 0.00	37.85 0.37 0.00	37.81 0.11 0.00	38.10 0.08 0.00	38.00 0.19 0.00	39.13 0.16 0.00	38.76 0.19 0.00	39.74 0.24 0.00	44.44 0.18 0.00	55.95 0.39 0.00	65.44 0.90 0.00	62.65 0.99 0.00	46.63 0.60 0.00	41.79 0.45 0.00	39.58 0.55 0.00	36.17 0.53 0.00
ETNA____115KV_TB2 80207	37.56 0.45 0.00	33.84 0.40 0.00	31.43 0.28 0.00	30.56 0.33 0.00	31.00 0.34 0.00	32.46 0.29 0.00	36.50 0.40 0.00	38.90 0.61 0.00	37.52 0.52 0.00	37.85 0.37 0.00	37.81 0.11 0.00	38.10 0.08 0.00	38.00 0.19 0.00	39.13 0.16 0.00	38.76 0.19 0.00	39.74 0.24 0.00	44.44 0.18 0.00	55.95 0.39 0.00	65.44 0.90 0.00	62.65 0.99 0.00	46.63 0.60 0.00	41.79 0.45 0.00	39.58 0.55 0.00	36.17 0.53 0.00
EUCLID___115KV_TB2 356179	36.52 -0.59 0.00	32.90 -0.53 0.00	30.59 -0.56 0.00	29.74 -0.48 0.00	30.14 -0.52 0.00	31.59 -0.58 0.00	35.45 -0.65 0.00	37.75 -0.54 0.00	36.45 -0.56 0.00	36.91 -0.56 0.00	37.02 -0.68 0.00	37.33 -0.68 0.00	37.21 -0.61 0.00	38.31 -0.66 0.00	37.92 -0.66 0.00	38.83 -0.67 0.00	43.33 -0.93 0.00	54.39 -1.17 0.00	63.38 -1.16 0.00	60.61 -1.05 0.00	45.16 -0.87 0.00	40.55 -0.79 0.00	38.41 -0.62 0.00	35.14 -0.50 0.00
E_CANADA_CAP_HY 24051	38.52 1.41 0.00	34.70 1.27 0.00	32.33 1.18 0.00	31.28 1.06 0.00	31.74 1.07 0.00	33.36 1.19 0.00	37.40 1.30 0.00	39.55 1.26 0.00	37.71 0.70 0.00	37.78 0.30 0.00	37.70 0.00 0.00	37.94 -0.08 0.00	37.78 -0.04 0.00	39.01 0.04 0.00	38.88 0.31 0.00	40.09 0.59 0.00	45.59 1.33 0.00	57.67 2.11 0.00	67.51 2.97 0.00	64.44 2.78 0.00	48.20 2.16 0.00	43.07 1.74 0.00	40.63 1.60 0.00	36.92 1.28 0.00
E_CANADA_MHWK_HY 24050	37.52 0.41 0.00	33.77 0.33 0.00	31.43 0.28 0.00	30.46 0.24 0.00	30.97 0.31 0.00	32.56 0.39 0.00	36.54 0.43 0.00	38.75 0.46 0.00	37.41 0.41 0.00	37.89 0.41 0.00	38.19 0.49 0.00	38.59 0.57 0.00	38.42 0.60 0.00	39.59 0.62 0.00	39.23 0.66 0.00	40.17 0.67 0.00	45.01 0.75 0.00	56.28 0.72 0.00	65.31 0.78 0.00	62.46 0.80 0.00	46.59 0.55 0.00	41.87 0.54 0.00	39.46 0.43 0.00	35.96 0.32 0.00
E_FISHKILL___LBMP 23776	38.60 1.48 0.00	34.74 1.30 0.00	32.27 1.12 0.00	31.22 1.00 0.00	31.68 1.01 0.00	33.36 1.19 0.00	37.33 1.23 0.00	39.55 1.26 0.00	38.37 1.37 0.00	38.94 1.46 0.00	39.36 1.66 0.00	39.73 1.71 0.00	39.55 1.74 0.00	40.80 1.83 0.00	40.42 1.85 0.00	41.36 1.86 0.00	46.43 2.17 0.00	58.23 2.67 0.00	67.25 2.71 0.00	64.19 2.53 0.00	47.92 1.89 0.00	43.20 1.86 0.00	40.51 1.48 0.00	36.92 1.28 0.00
FALCON___SEABRD_CC1 323796	37.71 0.59 0.00	33.94 0.50 0.00	31.74 0.59 0.00	30.89 0.66 0.00	31.40 0.73 0.00	33.01 0.84 0.00	37.11 1.01 0.00	39.10 0.81 0.00	37.78 0.78 0.00	38.34 0.86 0.00	38.68 0.98 0.00	38.97 0.95 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.79 0.53 0.00	56.61 1.05 0.00	65.83 1.29 0.00	62.77 1.11 0.00	46.77 0.73 0.00	41.75 0.41 0.00	39.50 0.47 0.00	36.10 0.46 0.00
FALCON___SEABRD_CC2 323797	37.71 0.59 0.00	33.94 0.50 0.00	31.74 0.59 0.00	30.89 0.66 0.00	31.40 0.73 0.00	33.01 0.84 0.00	37.11 1.01 0.00	39.10 0.81 0.00	37.78 0.78 0.00	38.34 0.86 0.00	38.68 0.98 0.00	38.97 0.95 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.79 0.53 0.00	56.61 1.05 0.00	65.83 1.29 0.00	62.77 1.11 0.00	46.77 0.73 0.00	41.75 0.41 0.00	39.50 0.47 0.00	36.10 0.46 0.00

FAR ROCKAWAY___4 23548	39.12 2.00 0.00	35.07 1.64 0.00	32.52 1.37 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.56 1.38 0.00	37.21 1.12 0.01	39.52 1.23 0.00	38.52 1.52 0.00	39.46 1.99 0.00	40.15 2.45 0.00	40.45 2.43 0.00	40.50 2.68 0.00	41.66 2.69 0.00	41.39 2.82 0.00	41.95 2.45 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.76 3.23 0.01	64.74 3.08 0.01	48.24 2.21 0.01	43.49 2.15 0.00	40.94 1.91 0.00	37.42 1.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.97 1.86 0.00	35.07 1.64 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.94 1.65 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.08 2.27 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.87 2.37 0.00	46.92 2.66 0.00	58.73 3.17 0.00	67.76 3.23 0.00	64.74 3.08 0.00	48.34 2.30 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.97 1.86 0.00	35.07 1.64 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.62 1.52 0.00	39.94 1.65 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.08 2.27 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.87 2.37 0.00	46.96 2.70 0.00	58.73 3.17 0.00	67.83 3.29 0.00	64.74 3.08 0.00	48.34 2.30 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.93 1.82 0.00	35.04 1.60 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.90 1.61 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.19 2.17 0.00	40.05 2.23 0.00	41.31 2.34 0.00	40.92 2.35 0.00	41.87 2.37 0.00	46.92 2.66 0.00	58.67 3.11 0.00	67.76 3.23 0.00	64.68 3.02 0.00	48.29 2.26 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.28 1.64 0.00
FARRAGUT___LBMP 323566	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.58 1.48 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.19 2.17 0.00	40.01 2.19 0.00	41.31 2.34 0.00	40.92 2.35 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
FENNER___WINDPWR 24204	37.56 0.45 0.00	33.84 0.40 0.00	31.49 0.34 0.00	30.56 0.33 0.00	31.00 0.34 0.00	32.53 0.35 0.00	36.54 0.43 0.00	38.87 0.58 0.00	37.52 0.52 0.00	37.85 0.37 0.00	38.00 0.30 0.00	38.29 0.27 0.00	38.19 0.38 0.00	39.28 0.31 0.00	38.92 0.35 0.00	39.90 0.39 0.00	44.66 0.40 0.00	56.12 0.56 0.00	65.37 0.84 0.00	62.64 0.98 0.00	46.73 0.69 0.00	41.92 0.58 0.00	39.62 0.59 0.00	36.10 0.46 0.00
FIBERTEK___ENERGY 23856	36.85 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.10 -0.19 0.00	36.82 -0.19 0.00	37.29 -0.19 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.55 -0.26 0.00	38.66 -0.31 0.00	38.26 -0.31 0.00	39.22 -0.28 0.00	43.73 -0.53 0.00	54.95 -0.61 0.00	64.02 -0.52 0.00	61.29 -0.37 0.00	45.62 -0.41 0.00	40.97 -0.37 0.00	38.80 -0.23 0.00	35.50 -0.14 0.00
FITZPATRICK___ 23598	36.04 -1.08 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.96 0.00	35.02 -1.08 0.00	37.22 -1.07 0.00	35.97 -1.04 0.00	36.43 -1.05 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.76 -1.06 0.00	37.80 -1.17 0.00	37.42 -1.16 0.00	38.32 -1.18 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.01 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.97 1.86 0.00	35.07 1.64 0.00	32.58 1.43 0.00	31.52 1.30 0.00	31.95 1.29 0.00	33.65 1.48 0.00	37.62 1.52 0.00	39.86 1.57 0.00	38.67 1.67 0.00	39.28 1.80 0.00	39.70 2.00 0.00	40.07 2.05 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.77 2.20 0.00	41.79 2.29 0.00	46.96 2.70 0.00	58.95 3.39 0.00	68.09 3.55 0.00	64.99 3.33 0.00	48.52 2.49 0.00	43.69 2.36 0.00	40.91 1.87 0.00	37.31 1.68 0.00
FORT ORANGE___ 23900	37.67 0.56 0.00	33.90 0.47 0.00	31.64 0.50 0.00	30.68 0.45 0.00	31.12 0.46 0.00	32.69 0.51 0.00	36.61 0.51 0.00	38.75 0.46 0.00	37.41 0.41 0.00	37.89 0.41 0.00	38.19 0.49 0.00	38.44 0.42 0.00	38.15 0.34 0.00	39.44 0.47 0.00	39.15 0.58 0.00	40.13 0.63 0.00	45.15 0.88 0.00	56.73 1.17 0.00	65.70 1.16 0.00	62.71 1.05 0.00	46.91 0.87 0.00	42.08 0.74 0.00	39.54 0.51 0.00	36.03 0.39 0.00
FORT_DRUM_COGEN 23780	37.74 0.63 0.00	34.00 0.57 0.00	31.58 0.44 0.00	30.65 0.42 0.00	31.12 0.46 0.00	32.66 0.48 0.00	36.79 0.69 0.00	39.21 0.92 0.00	37.71 0.70 0.00	37.85 0.37 0.00	38.07 0.38 0.00	38.21 0.19 0.00	37.97 0.15 0.00	39.09 0.12 0.00	38.76 0.19 0.00	39.82 0.32 0.00	44.66 0.40 0.00	56.28 0.72 0.00	65.70 1.16 0.00	63.20 1.54 0.00	47.41 1.38 0.00	42.54 1.20 0.00	40.12 1.09 0.00	36.28 0.64 0.00
FOX_HILLS___ESR 323835	38.89 1.78 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.61 1.39 0.00	32.01 1.35 0.00	33.72 1.54 0.00	37.29 1.19 0.00	39.40 1.11 0.00	38.34 1.33 0.00	38.86 1.39 0.00	39.36 1.66 0.00	39.81 1.79 0.00	39.63 1.82 0.00	40.92 1.95 0.00	40.54 1.97 0.00	41.44 1.94 0.00	46.43 2.17 0.00	58.00 2.44 0.00	67.05 2.52 0.01	63.99 2.34 0.01	47.73 1.70 0.01	43.16 1.82 0.00	40.55 1.52 0.00	37.17 1.53 0.00
FPL_FAR_ROCK_GT1 24212	39.12 2.00 0.00	35.04 1.60 0.00	32.58 1.43 0.00	31.43 1.21 0.00	31.86 1.19 0.00	33.56 1.38 0.00	37.22 1.12 0.01	39.52 1.22 0.00	38.41 1.41 0.00	39.42 1.95 0.00	40.49 2.79 0.00	40.45 2.44 0.00	40.24 2.42 0.00	41.58 2.61 0.00	41.23 2.66 0.00	41.99 2.49 0.00	46.92 2.66 0.00	58.67 3.11 0.00	67.76 3.23 0.01	64.73 3.08 0.01	48.24 2.21 0.01	43.45 2.11 0.00	40.63 1.60 0.00	37.42 1.78 0.00
FPL_FAR_ROCK_GT2 23815	39.12 2.00 0.00	35.04 1.60 0.00	32.58 1.43 0.00	31.43 1.21 0.00	31.86 1.19 0.00	33.56 1.38 0.00	37.22 1.12 0.01	39.52 1.22 0.00	38.41 1.41 0.00	39.42 1.95 0.00	40.49 2.79 0.00	40.45 2.44 0.00	40.24 2.42 0.00	41.58 2.61 0.00	41.23 2.66 0.00	41.99 2.49 0.00	46.92 2.66 0.00	58.67 3.11 0.00	67.76 3.23 0.01	64.73 3.08 0.01	48.24 2.21 0.01	43.45 2.11 0.00	40.63 1.60 0.00	37.42 1.78 0.00
FRANKLIN_FALL_HYD 24054	37.74 0.63 0.00	34.00 0.57 0.00	31.74 0.59 0.00	30.83 0.60 0.00	31.34 0.67 0.00	32.95 0.77 0.00	37.08 0.97 0.00	39.06 0.77 0.00	37.71 0.70 0.00	38.23 0.75 0.00	38.57 0.87 0.00	38.89 0.87 0.00	38.31 0.49 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.32 0.00	44.75 0.49 0.00	56.50 0.94 0.00	65.70 1.16 0.00	62.77 1.11 0.00	47.00 0.97 0.00	42.00 0.66 0.00	39.77 0.74 0.00	36.25 0.61 0.00

FREEPORT_EQUS_GT1 23764	38.89 1.78 0.00	34.81 1.37 0.00	32.39 1.25 0.00	31.22 1.00 0.00	31.64 0.98 0.00	33.33 1.16 0.00	36.93 0.83 0.01	39.25 0.96 0.00	38.15 1.15 0.00	39.12 1.65 0.00	40.19 2.49 0.00	40.15 2.13 0.00	39.93 2.12 0.00	41.27 2.30 0.00	40.93 2.35 0.00	41.67 2.17 0.00	46.56 2.30 0.00	58.23 2.67 0.00	67.24 2.71 0.01	64.18 2.53 0.01	47.82 1.79 0.01	43.11 1.78 0.00	40.36 1.33 0.00	37.14 1.50 0.00
FREEPORT___CT2 23818	38.89 1.78 0.00	34.81 1.37 0.00	32.39 1.25 0.00	31.22 1.00 0.00	31.64 0.98 0.00	33.33 1.16 0.00	36.93 0.83 0.01	39.25 0.96 0.00	38.15 1.15 0.00	39.12 1.65 0.00	40.19 2.49 0.00	40.15 2.13 0.00	39.93 2.12 0.00	41.27 2.30 0.00	40.93 2.35 0.00	41.67 2.17 0.00	46.56 2.30 0.00	58.23 2.67 0.00	67.24 2.71 0.01	64.18 2.53 0.01	47.82 1.79 0.01	43.11 1.78 0.00	40.36 1.33 0.00	37.14 1.50 0.00
FRESHKLS_33_KV_LOAD 356253	38.86 1.74 0.00	35.31 1.87 0.00	32.70 1.56 0.00	31.61 1.39 0.00	32.01 1.35 0.00	33.72 1.54 0.00	37.22 1.12 0.00	39.28 1.00 0.01	38.23 1.22 0.00	38.74 1.27 0.01	39.24 1.55 0.01	39.68 1.67 0.01	39.51 1.70 0.01	40.76 1.79 0.01	40.42 1.85 0.01	41.31 1.82 0.01	46.33 2.08 0.01	57.89 2.33 0.01	66.85 2.32 0.01	63.87 2.22 0.01	47.64 1.61 0.01	43.07 1.74 0.01	40.43 1.41 0.01	37.10 1.46 0.00
FULTON COGEN____ 23766	36.45 -0.67 0.00	32.83 -0.60 0.00	30.56 -0.59 0.00	29.68 -0.54 0.00	30.11 -0.55 0.00	31.53 -0.64 0.00	35.42 -0.69 0.00	37.68 -0.61 0.00	36.41 -0.59 0.00	36.88 -0.60 0.00	36.98 -0.72 0.00	37.26 -0.76 0.00	37.13 -0.68 0.00	38.23 -0.74 0.00	37.88 -0.69 0.00	38.79 -0.71 0.00	43.24 -1.02 0.00	54.28 -1.28 0.00	63.25 -1.29 0.00	60.49 -1.17 0.00	45.11 -0.92 0.00	40.51 -0.83 0.00	38.37 -0.66 0.00	35.07 -0.57 0.00
FULTON___LFGE 323630	38.79 1.67 0.00	34.90 1.47 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.95 1.29 0.00	33.59 1.41 0.00	37.62 1.12 0.00	39.78 1.49 0.00	37.89 0.89 0.00	37.96 0.49 0.00	37.85 0.15 0.00	38.06 0.04 0.00	37.81 0.00 0.00	39.09 0.12 0.00	38.92 0.35 0.00	40.21 0.71 0.00	45.81 1.55 0.00	58.12 2.56 0.00	68.02 3.48 0.00	64.86 3.20 0.00	48.52 2.48 0.00	43.32 1.98 0.00	40.87 1.83 0.00	37.14 1.50 0.00
G.F.CEMENT___DRP 24184	38.41 1.30 0.00	34.57 1.14 0.00	32.24 1.09 0.00	31.19 0.97 0.00	31.65 0.98 0.00	33.20 1.03 0.00	37.22 1.12 0.00	39.32 1.03 0.00	37.86 0.85 0.00	38.34 0.86 0.00	38.57 0.87 0.00	38.78 0.76 0.00	38.50 0.68 0.00	39.67 0.70 0.00	39.38 0.81 0.00	40.45 0.95 0.00	45.77 1.50 0.00	57.73 2.17 0.00	67.25 2.71 0.00	64.06 2.40 0.00	47.97 1.93 0.00	42.74 1.41 0.00	40.36 1.33 0.00	36.67 1.03 0.00
GARDENVILLE___LBMP 24039	36.11 -1.00 0.00	32.83 -0.60 0.00	30.80 -0.34 0.00	29.95 -0.27 0.00	30.33 -0.34 0.00	31.50 -0.68 0.00	35.27 -0.83 0.00	37.91 -0.38 0.00	36.38 -0.63 0.00	36.76 -0.71 0.00	36.11 -1.58 0.00	36.50 -1.52 0.00	36.64 -1.17 0.00	37.53 -1.44 0.00	36.99 -1.58 0.00	37.61 -1.90 0.00	41.20 -3.05 0.00	51.39 -4.17 0.00	60.98 -3.55 0.00	58.26 -3.39 0.00	42.85 -3.18 0.00	38.44 -2.89 0.00	37.47 -1.56 0.00	35.14 -0.50 0.00
GARDNVLA_35_KV_LD 355827	36.30 -0.82 0.00	33.00 -0.43 0.00	30.93 -0.22 0.00	30.10 -0.12 0.00	30.48 -0.18 0.00	31.66 -0.51 0.00	35.42 -0.69 0.00	38.10 -0.19 0.00	36.60 -0.41 0.00	37.03 -0.45 0.00	36.38 -1.32 0.00	36.80 -1.22 0.00	36.94 -0.87 0.00	37.84 -1.13 0.00	37.26 -1.31 0.00	37.92 -1.58 0.00	41.51 -2.74 0.00	51.72 -3.83 0.00	61.31 -3.23 0.00	58.63 -3.02 0.00	43.08 -2.95 0.00	38.65 -2.69 0.00	37.70 -1.33 0.00	35.32 -0.32 0.00
GELCKHM___115KV_LOAD 80723	36.63 -0.48 0.00	33.00 -0.43 0.00	30.71 -0.44 0.00	29.83 -0.39 0.00	30.23 -0.43 0.00	31.69 -0.48 0.00	35.60 -0.51 0.00	37.87 -0.42 0.00	36.60 -0.41 0.00	37.06 -0.41 0.00	37.13 -0.57 0.00	37.45 -0.57 0.00	37.32 -0.49 0.00	38.43 -0.55 0.00	38.07 -0.50 0.00	38.99 -0.51 0.00	43.51 -0.75 0.00	54.62 -0.94 0.00	63.63 -0.90 0.00	60.86 -0.80 0.00	45.34 -0.69 0.00	40.72 -0.62 0.00	38.56 -0.47 0.00	35.25 -0.39 0.00
GENERAL___MILLS 23808	36.19 -0.93 0.00	32.90 -0.53 0.00	30.87 -0.28 0.00	30.04 -0.18 0.00	30.39 -0.28 0.00	31.56 -0.61 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.49 -0.52 0.00	36.91 -0.56 0.00	36.23 -1.47 0.00	36.65 -1.37 0.00	36.79 -1.02 0.00	37.69 -1.29 0.00	37.11 -1.47 0.00	37.76 -1.74 0.00	41.34 -2.92 0.00	51.55 -4.00 0.00	61.11 -3.42 0.00	58.39 -3.27 0.00	42.94 -3.08 0.00	38.53 -2.81 0.00	37.55 -1.48 0.00	35.21 -0.43 0.00
GE_PLASTICS___DRP 24183	37.63 0.52 0.00	33.87 0.43 0.00	31.58 0.44 0.00	30.62 0.39 0.00	31.06 0.40 0.00	32.62 0.45 0.00	36.54 0.43 0.00	38.71 0.42 0.00	37.41 0.41 0.00	37.93 0.45 0.00	38.19 0.49 0.00	38.48 0.46 0.00	38.31 0.49 0.00	39.48 0.51 0.00	39.19 0.62 0.00	40.13 0.63 0.00	45.10 0.84 0.00	56.62 1.06 0.00	65.51 0.97 0.00	62.52 0.86 0.00	46.77 0.74 0.00	42.00 0.66 0.00	39.50 0.47 0.00	36.03 0.39 0.00
GILBOA___1 23756	37.86 0.74 0.00	34.10 0.67 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.31 0.64 0.00	32.78 0.61 0.00	36.75 0.65 0.00	38.98 0.69 0.00	37.71 0.70 0.00	38.19 0.71 0.00	38.49 0.79 0.00	38.82 0.80 0.00	38.61 0.80 0.00	39.87 0.90 0.00	39.50 0.92 0.00	40.45 0.95 0.00	45.41 1.15 0.00	56.84 1.28 0.00	65.70 1.16 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.29 0.95 0.00	39.77 0.74 0.00	36.32 0.68 0.00
GILBOA___2 23757	37.86 0.74 0.00	34.10 0.67 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.31 0.64 0.00	32.78 0.61 0.00	36.75 0.65 0.00	38.98 0.69 0.00	37.71 0.70 0.00	38.19 0.71 0.00	38.49 0.79 0.00	38.82 0.80 0.00	38.61 0.80 0.00	39.87 0.90 0.00	39.50 0.92 0.00	40.45 0.95 0.00	45.41 1.15 0.00	56.84 1.28 0.00	65.70 1.16 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.29 0.95 0.00	39.77 0.74 0.00	36.32 0.68 0.00
GILBOA___3 23758	37.86 0.74 0.00	34.10 0.67 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.31 0.64 0.00	32.78 0.61 0.00	36.75 0.65 0.00	38.98 0.69 0.00	37.71 0.70 0.00	38.19 0.71 0.00	38.49 0.79 0.00	38.82 0.80 0.00	38.61 0.80 0.00	39.87 0.90 0.00	39.50 0.92 0.00	40.45 0.95 0.00	45.41 1.15 0.00	56.84 1.28 0.00	65.70 1.16 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.29 0.95 0.00	39.77 0.74 0.00	36.32 0.68 0.00
GILBOA___4 23759	37.86 0.74 0.00	34.10 0.67 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.31 0.64 0.00	32.78 0.61 0.00	36.75 0.65 0.00	38.98 0.69 0.00	37.71 0.70 0.00	38.19 0.71 0.00	38.49 0.79 0.00	38.82 0.80 0.00	38.61 0.80 0.00	39.87 0.90 0.00	39.50 0.92 0.00	40.45 0.95 0.00	45.41 1.15 0.00	56.84 1.28 0.00	65.70 1.16 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.29 0.95 0.00	39.77 0.74 0.00	36.32 0.68 0.00

GILBOA____ 23599	37.89 0.78 0.00	34.10 0.67 0.00	31.86 0.72 0.00	30.89 0.66 0.00	31.31 0.64 0.00	32.78 0.61 0.00	36.75 0.65 0.00	38.98 0.69 0.00	37.71 0.70 0.00	38.19 0.71 0.00	38.49 0.79 0.00	38.82 0.80 0.00	38.65 0.83 0.00	39.83 0.86 0.00	39.50 0.93 0.00	40.45 0.95 0.00	45.41 1.15 0.00	56.84 1.28 0.00	65.70 1.16 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.33 0.99 0.00	39.81 0.78 0.00	36.32 0.68 0.00
GINNA____ 23603	35.11 -2.00 0.00	31.69 -1.74 0.00	29.56 -1.59 0.00	28.71 -1.51 0.00	29.07 -1.60 0.00	30.44 -1.74 0.00	34.12 -1.99 0.00	36.53 -1.76 0.00	35.12 -1.89 0.00	35.68 -1.80 0.00	35.55 -2.15 0.00	35.97 -2.05 0.00	36.08 -1.74 0.00	36.94 -2.03 0.00	36.45 -2.12 0.00	37.25 -2.25 0.00	41.21 -3.05 0.00	51.51 -4.05 0.00	60.60 -3.94 0.00	57.90 -3.76 0.00	42.95 -3.08 0.00	38.61 -2.73 0.00	36.88 -2.15 0.00	33.89 -1.75 0.00
GLEN PARK____ 23778	37.93 0.82 0.00	34.17 0.73 0.00	31.74 0.59 0.00	30.77 0.54 0.00	31.24 0.58 0.00	32.82 0.64 0.00	36.97 0.87 0.00	39.36 1.07 0.00	37.86 0.85 0.00	37.96 0.49 0.00	38.19 0.49 0.00	38.32 0.30 0.00	38.08 0.27 0.00	39.21 0.24 0.00	38.84 0.27 0.00	39.94 0.44 0.00	44.79 0.53 0.00	56.50 0.94 0.00	66.08 1.55 0.00	63.57 1.91 0.00	47.74 1.70 0.00	42.78 1.45 0.00	40.36 1.33 0.00	36.42 0.78 0.00
GLENDALE_27_KV_LOAD 356172	39.12 2.00 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.85 1.67 0.00	37.69 1.59 0.00	39.94 1.65 0.00	38.86 1.85 0.00	39.43 1.95 0.00	39.88 2.19 0.00	40.30 2.28 0.00	40.16 2.34 0.00	41.43 2.46 0.00	41.04 2.47 0.00	41.95 2.45 0.00	46.96 2.70 0.00	58.62 3.06 0.00	67.69 3.16 0.01	64.67 3.02 0.01	48.24 2.21 0.01	43.65 2.31 0.00	40.94 1.91 0.00	37.42 1.78 0.00
GLENWOOD_IC_1_G5 23712	38.93 1.82 0.00	34.97 1.54 0.00	32.42 1.28 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.25 1.16 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.31 1.84 0.00	39.88 2.19 0.00	40.22 2.21 0.00	40.20 2.38 0.00	41.39 2.42 0.00	41.08 2.51 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.12 2.56 0.00	67.12 2.58 0.00	64.06 2.40 0.00	47.78 1.75 0.00	43.41 2.07 0.00	40.79 1.76 0.00	37.24 1.60 0.00
GLENWOOD_IC_2_G1 23688	38.82 1.71 0.00	34.87 1.44 0.00	32.42 1.28 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.29 1.19 0.00	39.59 1.30 0.00	38.49 1.48 0.00	39.20 1.72 0.00	39.88 2.19 0.00	40.11 2.09 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.67 2.17 0.00	46.69 2.43 0.00	58.39 2.83 0.00	67.44 2.91 0.00	64.37 2.71 0.00	48.06 2.02 0.00	43.32 1.98 0.00	40.55 1.52 0.00	37.17 1.53 0.00
GLENWOOD_IC_3_G1 23689	38.82 1.71 0.00	34.87 1.44 0.00	32.42 1.28 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.29 1.19 0.00	39.59 1.30 0.00	38.49 1.48 0.00	39.20 1.72 0.00	39.88 2.19 0.00	40.11 2.09 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.67 2.17 0.00	46.69 2.43 0.00	58.39 2.83 0.00	67.44 2.91 0.00	64.37 2.71 0.00	48.06 2.02 0.00	43.32 1.98 0.00	40.55 1.52 0.00	37.17 1.53 0.00
GLENWOOD____4 23550	38.93 1.82 0.00	34.97 1.54 0.00	32.42 1.28 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.25 1.16 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.31 1.84 0.00	39.88 2.19 0.00	40.22 2.21 0.00	40.20 2.38 0.00	41.39 2.42 0.00	41.08 2.51 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.28 2.72 0.00	67.24 2.71 0.00	64.25 2.59 0.00	47.92 1.89 0.00	43.41 2.07 0.00	40.79 1.76 0.00	37.24 1.60 0.00
GLENWOOD____5 23614	38.93 1.82 0.00	34.97 1.54 0.00	32.42 1.28 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.25 1.16 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.31 1.84 0.00	39.88 2.19 0.00	40.22 2.21 0.00	40.20 2.38 0.00	41.39 2.42 0.00	41.08 2.51 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.28 2.72 0.00	67.24 2.71 0.00	64.25 2.59 0.00	47.92 1.89 0.00	43.41 2.07 0.00	40.79 1.76 0.00	37.24 1.60 0.00
GLOBAL GREEN_PORT_GT1 23814	38.79 1.67 0.00	34.47 1.04 0.00	31.99 0.84 0.00	30.77 0.54 0.00	31.18 0.52 0.00	32.85 0.68 0.00	35.99 -0.11 0.01	38.33 0.04 0.00	37.34 0.33 0.00	38.64 1.16 0.00	40.34 2.64 0.00	39.84 1.82 0.00	39.67 1.85 0.00	41.00 2.03 0.00	40.69 2.12 0.00	41.28 1.78 0.00	45.81 1.55 0.00	57.34 1.78 0.00	65.95 1.42 0.01	62.95 1.30 0.01	46.90 0.87 0.01	42.21 0.87 0.00	39.42 0.39 0.00	36.78 1.14 0.00
GLOBE____DSASP 323697	35.81 -1.30 0.00	32.03 -1.40 0.00	30.09 -1.06 0.00	29.89 -0.33 0.00	29.65 -1.01 0.00	31.30 -0.87 0.00	34.98 -1.12 0.00	37.33 -0.96 0.00	35.45 -1.55 0.00	35.90 -1.57 0.00	35.25 -2.45 0.00	35.66 -2.36 0.00	35.77 -2.04 0.00	36.63 -2.34 0.00	36.06 -2.51 0.00	36.62 -2.88 0.00	39.74 -4.51 0.01	49.28 -6.28 0.01	58.79 -5.74 0.01	56.17 -5.49 0.01	41.19 -4.83 0.01	37.16 -4.18 0.00	36.42 -2.62 0.00	34.21 -1.43 0.00
GOETHSLN____LBMP 323567	38.71 1.60 0.00	34.84 1.40 0.00	32.30 1.15 0.00	31.25 1.03 0.00	31.68 1.01 0.00	33.49 1.32 0.00	37.37 1.26 0.00	39.67 1.38 0.00	38.60 1.59 0.00	39.16 1.69 0.00	39.55 1.85 0.00	39.96 1.94 0.00	39.82 2.00 0.00	41.08 2.10 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.61 2.35 0.00	58.34 2.78 0.00	67.31 2.78 0.00	64.31 2.65 0.00	48.01 1.98 0.00	43.36 2.03 0.00	40.63 1.60 0.00	37.03 1.39 0.00
GOLAH____69_KV_TB 1_2 80279	36.82 -0.30 0.00	33.33 -0.10 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.63 -0.03 0.00	31.98 -0.19 0.00	35.81 -0.29 0.00	38.37 0.08 0.00	36.78 -0.22 0.00	37.29 -0.19 0.00	37.02 -0.68 0.00	37.41 -0.61 0.00	37.36 -0.45 0.00	38.39 -0.58 0.00	37.84 -0.73 0.00	38.63 -0.87 0.00	42.62 -1.64 0.00	53.12 -2.44 0.00	62.73 -1.81 0.00	59.99 -1.66 0.00	44.47 -1.57 0.00	39.93 -1.41 0.00	38.37 -0.66 0.00	35.60 -0.04 0.00
GOODYEAR_LAKE_HYD 323669	38.23 1.11 0.00	34.44 1.00 0.00	32.08 0.93 0.00	31.10 0.88 0.00	31.55 0.89 0.00	33.11 0.93 0.00	37.15 1.05 0.00	39.48 1.19 0.00	38.12 1.11 0.00	38.45 0.97 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.80 0.98 0.00	39.95 0.97 0.00	39.61 1.04 0.00	40.61 1.11 0.00	45.63 1.37 0.00	57.28 1.72 0.00	66.67 2.13 0.00	63.82 2.16 0.00	47.69 1.66 0.00	42.79 1.45 0.00	40.32 1.29 0.00	36.71 1.07 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.22 0.11 0.00	33.60 0.17 0.00	31.30 0.16 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.30 0.13 0.00	36.21 0.11 0.00	38.64 0.34 0.00	37.34 0.33 0.00	37.70 0.22 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	37.89 0.08 0.00	38.97 0.00 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.13 -0.13 0.00	55.45 -0.11 0.00	64.73 0.19 0.00	61.91 0.25 0.00	46.03 0.00 0.00	41.30 -0.04 0.00	39.15 0.12 0.00	35.92 0.29 0.00

GOUDEY___7 23579	37.22 0.11 0.00	33.60 0.17 0.00	31.30 0.16 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.30 0.13 0.00	36.21 0.11 0.00	38.64 0.34 0.00	37.34 0.33 0.00	37.70 0.22 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	37.89 0.08 0.00	38.97 0.00 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.13 -0.13 0.00	55.45 -0.11 0.00	64.73 0.19 0.00	61.91 0.25 0.00	46.03 0.00 0.00	41.30 -0.04 0.00	39.15 0.12 0.00	35.92 0.29 0.00
GOUDEY___8 23580	37.22 0.11 0.00	33.60 0.17 0.00	31.30 0.16 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.30 0.13 0.00	36.21 0.11 0.00	38.64 0.34 0.00	37.34 0.33 0.00	37.70 0.22 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	37.89 0.08 0.00	38.97 0.00 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.13 -0.13 0.00	55.45 -0.11 0.00	64.73 0.19 0.00	61.91 0.25 0.00	46.03 0.00 0.00	41.30 -0.04 0.00	39.15 0.12 0.00	35.92 0.29 0.00
GOWANUS_GT1_1 24077	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT1_2 24078	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT1_3 24079	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT1_4 24080	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT1_5 24084	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT1_6 24111	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.5														

GOWANUS_GT2_6 24119	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT2_7 24120	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT2_8 24121	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_1 24122	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_2 24123	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_3 24124	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_4 24125	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_5 24126	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_6 24127	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_7 24128	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT3_8 24129	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
GOWANUS_GT4_1 24130	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT4_2 24131	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT4_3 24132	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT4_4 24133	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00

GOWANUS_GT4_5 24134	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT4_6 24135	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT4_7 24136	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GOWANUS_GT4_8 24137	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GREATVRV_69_KV_BK1 356245	39.23 2.12 0.00	35.07 1.64 0.00	32.45 1.31 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.46 1.29 0.00	37.03 0.94 0.01	39.36 1.07 0.00	38.41 1.41 0.00	39.43 1.95 0.00	40.07 2.37 0.00	40.34 2.32 0.00	40.46 2.65 0.00	41.58 2.61 0.00	41.39 2.82 0.00	41.87 2.37 0.00	46.70 2.43 0.00	58.50 2.94 0.00	67.43 2.90 0.01	64.36 2.71 0.01	47.96 1.93 0.01	43.28 1.94 0.00	40.91 1.87 0.00	37.39 1.75 0.00
GREENBSH_115KV_TB3 55895	37.48 0.37 0.00	33.77 0.33 0.00	31.52 0.37 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.46 0.36 0.00	38.60 0.31 0.00	37.34 0.33 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.36 0.34 0.00	38.16 0.34 0.00	39.36 0.39 0.00	39.07 0.50 0.00	40.02 0.51 0.00	45.01 0.75 0.00	56.50 0.94 0.00	65.38 0.84 0.00	62.40 0.74 0.00	46.68 0.64 0.00	41.88 0.54 0.00	39.38 0.35 0.00	35.89 0.25 0.00
GREENDGE_115KV_TB5 80291	37.15 0.04 0.00	33.53 0.10 0.00	31.18 0.03 0.00	30.34 0.12 0.00	30.76 0.09 0.00	32.17 0.00 0.00	36.14 0.04 0.00	38.71 0.42 0.00	37.23 0.22 0.00	37.51 0.04 0.00	37.28 -0.41 0.00	37.60 -0.42 0.00	37.55 -0.26 0.00	38.62 -0.35 0.00	38.22 -0.35 0.00	38.91 -0.59 0.00	43.29 -0.97 0.00	54.56 -1.00 0.00	64.21 -0.32 0.00	61.35 -0.31 0.00	45.48 -0.55 0.00	40.68 -0.66 0.00	38.76 -0.27 0.00	35.92 0.29 0.00
GREENIDGE___3 23582	37.15 0.04 0.00	33.53 0.10 0.00	31.18 0.03 0.00	30.34 0.12 0.00	30.76 0.09 0.00	32.17 0.00 0.00	36.14 0.04 0.00	38.71 0.42 0.00	37.23 0.22 0.00	37.51 0.04 0.00	37.28 -0.41 0.00	37.60 -0.42 0.00	37.55 -0.26 0.00	38.62 -0.35 0.00	38.22 -0.35 0.00	38.91 -0.59 0.00	43.29 -0.97 0.00	54.56 -1.00 0.00	64.21 -0.32 0.00	61.35 -0.31 0.00	45.48 -0.55 0.00	40.68 -0.66 0.00	38.76 -0.27 0.00	35.92 0.29 0.00
GREENIDGE___4 23583	37.19 0.07 0.00	33.53 0.10 0.00	31.27 0.13 0.00	30.34 0.12 0.00	30.76 0.09 0.00	32.17 0.00 0.00	36.14 0.04 0.00	38.71 0.42 0.00	37.23 0.22 0.00	37.51 0.04 0.00	37.21 -0.49 0.00	37.60 -0.42 0.00	37.74 -0.08 0.00	38.62 -0.35 0.00	38.26 -0.31 0.00	38.87 -0.63 0.00	43.29 -0.97 0.00	54.56 -1.00 0.00	64.22 -0.32 0.00	61.35 -0.31 0.00	45.48 -0.55 0.00	40.72 -0.62 0.00	39.11 0.08 0.00	35.92 0.28 0.00
GREENLWN_69_KV_BK 3 55738	38.75 1.63 0.00	34.70 1.27 0.00	32.14 1.00 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.17 1.00 0.00	36.78 0.69 0.01	39.06 0.77 0.00	38.15 1.15 0.00	39.05 1.57 0.00	39.55 1.85 0.00	39.92 1.90 0.00	40.01 2.19 0.00	41.00 2.03 0.00	40.81 2.24 0.00	41.24 1.74 0.00	45.90 1.64 0.00	57.45 1.89 0.00	66.14 1.61 0.01	63.19 1.54 0.01	47.13 1.10 0.01	42.58 1.24 0.00	40.40 1.37 0.00	36.99 1.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
GRISSOM___SOLAR 323813	38.74 1.63 0.00	34.87 1.44 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.92 1.26 0.00	33.56 1.38 0.00	37.58 1.48 0.00	39.75 1.45 0.00	37.89 0.89 0.00	37.96 0.49 0.00	37.85 0.15 0.00	37.98 -0.04 0.00	37.74 -0.08 0.00	39.01 0.04 0.00	38.84 0.27 0.00	40.17 0.67 0.00	45.77 1.51 0.00	58.06 2.50 0.00	67.89 3.35 0.00	64.74 3.08 0.00	48.43 2.39 0.00	43.24 1.90 0.00	40.83 1.80 0.00	37.10 1.46 0.00
GROVEVILLE___HYD 323602	38.97 1.86 0.00	35.07 1.64 0.00	32.58 1.43 0.00	31.52 1.30 0.00	31.95 1.29 0.00	33.65 1.48 0.00	37.62 1.52 0.00	39.86 1.57 0.00	38.67 1.67 0.00	39.28 1.80 0.00	39.70 2.00 0.00	40.07 2.05 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.77 2.20 0.00	41.79 2.29 0.00	46.96 2.70 0.00	58.95 3.39 0.00	68.09 3.55 0.00	64.99 3.33 0.00	48.52 2.49 0.00	43.69 2.36 0.00	40.91 1.87 0.00	37.31 1.68 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.85 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.10 -0.19 0.00	36.82 -0.19 0.00	37.29 -0.19 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.55 -0.26 0.00	38.66 -0.31 0.00	38.26 -0.31 0.00	39.22 -0.28 0.00	43.73 -0.53 0.00	54.95 -0.61 0.00	64.02 -0.52 0.00	61.29 -0.37 0.00	45.62 -0.41 0.00	40.97 -0.37 0.00	38.80 -0.23 0.00	35.50 -0.14 0.00
HAMLTNNY_34_KV_TB 80303	36.89 -0.22 0.00	33.23 -0.20 0.00	30.90 -0.25 0.00	30.04 -0.18 0.00	30.45 -0.21 0.00	31.92 -0.26 0.00	35.85 -0.25 0.00	38.21 -0.08 0.00	36.89 -0.11 0.00	37.33 -0.15 0.00	37.40 -0.30 0.00	37.71 -0.30 0.00	37.59 -0.23 0.00	38.70 -0.27 0.00	38.30 -0.27 0.00	39.22 -0.28 0.00	43.77 -0.49 0.00	54.95 -0.61 0.00	64.15 -0.39 0.00	61.35 -0.31 0.00	45.71 -0.32 0.00	41.01 -0.33 0.00	38.88 -0.16 0.00	35.57 -0.07 0.00

HAMPSHIRE___PAPER_HYD 323593	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.68 0.58 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.81 0.34 0.00	38.11 0.42 0.00	38.36 0.34 0.00	37.97 0.15 0.00	39.13 0.16 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.84 0.28 0.00	64.86 0.32 0.00	62.21 0.55 0.00	46.77 0.73 0.00	42.08 0.74 0.00	39.73 0.70 0.00	36.07 0.43 0.00
HARDSCRABBLE_WT_PWR 323673	37.30 0.19 0.00	33.53 0.10 0.00	31.21 0.06 0.00	30.28 0.06 0.00	30.76 0.09 0.00	32.33 0.16 0.00	36.32 0.22 0.00	38.48 0.19 0.00	37.19 0.19 0.00	37.63 0.15 0.00	37.96 0.27 0.00	38.36 0.34 0.00	38.19 0.38 0.00	39.40 0.43 0.00	39.00 0.43 0.00	39.94 0.44 0.00	44.75 0.49 0.00	56.00 0.44 0.00	64.93 0.39 0.00	62.03 0.37 0.00	46.31 0.28 0.00	41.59 0.25 0.00	39.23 0.20 0.00	35.75 0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.82 1.71 0.00	34.97 1.54 0.00	32.45 1.31 0.00	31.40 1.18 0.00	31.86 1.20 0.00	33.56 1.38 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.67 1.67 0.00	39.20 1.72 0.00	39.58 1.88 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.08 2.10 0.00	40.73 2.16 0.00	41.71 2.21 0.00	46.87 2.61 0.00	58.78 3.22 0.00	68.02 3.49 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.61 2.27 0.00	40.83 1.80 0.00	37.24 1.60 0.00
HARSNRAD_115KV_TB1 81005	35.93 -1.19 0.00	32.87 -0.57 0.00	30.84 -0.31 0.00	29.86 -0.36 0.00	30.39 -0.28 0.00	31.34 -0.84 0.00	35.06 -1.05 0.00	37.68 -0.61 0.00	36.12 -0.89 0.00	36.54 -0.94 0.00	35.89 -1.81 0.00	36.31 -1.71 0.00	36.42 -1.40 0.00	37.33 -1.64 0.00	36.76 -1.81 0.00	37.29 -2.21 0.00	40.63 -3.63 0.00	50.44 -5.11 0.00	60.08 -4.45 0.00	57.46 -4.19 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.16 -1.87 0.00	35.07 -0.57 0.00
HARZA MOOSE___RIVER 24016	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.64 0.54 0.00	39.06 0.77 0.00	37.67 0.67 0.00	37.93 0.45 0.00	38.19 0.49 0.00	38.40 0.38 0.00	38.16 0.34 0.00	39.32 0.35 0.00	38.96 0.39 0.00	39.94 0.43 0.00	44.84 0.58 0.00	56.39 0.83 0.00	65.38 0.84 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.12 0.79 0.00	39.73 0.70 0.00	36.07 0.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.63 -0.48 0.00	33.00 -0.43 0.00	30.71 -0.44 0.00	29.83 -0.39 0.00	30.27 -0.40 0.00	31.69 -0.48 0.00	35.60 -0.51 0.00	37.87 -0.42 0.00	36.60 -0.41 0.00	37.03 -0.45 0.00	37.13 -0.57 0.00	37.45 -0.57 0.00	37.32 -0.49 0.00	38.43 -0.55 0.00	38.07 -0.50 0.00	38.99 -0.51 0.00	43.46 -0.80 0.00	54.56 -1.00 0.00	63.57 -0.97 0.00	60.80 -0.86 0.00	45.30 -0.74 0.00	40.68 -0.66 0.00	38.56 -0.47 0.00	35.25 -0.39 0.00
HELLGATE_13_KV_LD 55870	39.12 2.00 0.00	35.31 1.87 0.00	32.74 1.59 0.00	31.64 1.42 0.00	32.07 1.41 0.00	33.85 1.67 0.00	37.69 1.59 0.00	39.94 1.65 0.00	38.86 1.85 0.00	39.43 1.95 0.00	39.88 2.19 0.00	40.30 2.28 0.00	40.12 2.31 0.00	41.39 2.42 0.00	41.04 2.47 0.00	41.91 2.41 0.00	46.92 2.66 0.00	58.56 3.00 0.00	67.56 3.03 0.01	64.55 2.90 0.01	48.19 2.16 0.01	43.57 2.23 0.01	40.94 1.91 0.00	37.42 1.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.12 2.00 0.00	35.31 1.87 0.00	32.74 1.59 0.00	31.64 1.42 0.00	32.07 1.41 0.00	33.85 1.67 0.00	37.69 1.59 0.00	39.94 1.65 0.00	38.86 1.85 0.00	39.43 1.95 0.00	39.88 2.19 0.00	40.30 2.28 0.00	40.12 2.31 0.00	41.39 2.42 0.00	41.04 2.47 0.00	41.91 2.41 0.00	46.92 2.66 0.00	58.56 3.00 0.00	67.56 3.03 0.01	64.55 2.90 0.01	48.19 2.16 0.01	43.57 2.23 0.00	40.94 1.91 0.00	37.42 1.78 0.00
HEMPSTEAD___ 23647	38.67 1.56 0.00	34.64 1.20 0.00	32.24 1.09 0.00	31.10 0.88 0.00	31.52 0.86 0.00	33.20 1.03 0.00	36.86 0.76 0.01	39.13 0.84 0.00	38.04 1.03 0.00	38.98 1.50 0.00	39.92 2.22 0.00	39.96 1.94 0.00	39.70 1.89 0.00	41.04 2.06 0.00	40.69 2.12 0.00	41.48 1.97 0.00	46.34 2.08 0.00	57.89 2.33 0.00	66.79 2.26 0.01	63.81 2.16 0.01	47.55 1.52 0.01	42.91 1.57 0.00	40.20 1.17 0.00	36.96 1.32 0.00
HICKLING___1 23621	37.04 -0.07 0.00	33.47 0.03 0.00	31.18 0.03 0.00	30.34 0.12 0.00	30.76 0.09 0.00	32.14 -0.03 0.00	36.07 -0.04 0.00	38.64 0.34 0.00	37.26 0.26 0.00	37.51 0.04 0.00	37.13 -0.57 0.00	37.49 -0.53 0.00	37.51 -0.30 0.00	38.50 -0.47 0.00	38.11 -0.46 0.00	39.03 -0.47 0.00	43.37 -0.89 0.00	54.61 -0.94 0.00	64.21 -0.32 0.00	61.35 -0.31 0.00	45.48 -0.55 0.00	40.72 -0.62 0.00	38.84 -0.20 0.00	35.89 0.25 0.00
HICKLING___2 23622	37.04 -0.07 0.00	33.47 0.03 0.00	31.18 0.03 0.00	30.34 0.12 0.00	30.76 0.09 0.00	32.14 -0.03 0.00	36.07 -0.04 0.00	38.64 0.34 0.00	37.26 0.26 0.00	37.51 0.04 0.00	37.13 -0.57 0.00	37.49 -0.53 0.00	37.51 -0.30 0.00	38.50 -0.47 0.00	38.11 -0.46 0.00	39.03 -0.47 0.00	43.37 -0.89 0.00	54.61 -0.94 0.00	64.21 -0.32 0.00	61.35 -0.31 0.00	45.48 -0.55 0.00	40.72 -0.62 0.00	38.84 -0.20 0.00	35.89 0.25 0.00
HIGH FALLS___HY 23754	39.23 2.12 0.00	35.31 1.87 0.00	32.74 1.59 0.00	31.67 1.45 0.00	32.14 1.47 0.00	33.85 1.67 0.00	37.80 1.70 0.00	40.13 1.84 0.00	38.97 1.96 0.00	39.54 2.06 0.00	39.92 2.22 0.00	40.26 2.24 0.00	40.12 2.31 0.00	41.39 2.42 0.00	41.04 2.47 0.00	42.07 2.57 0.00	47.27 3.01 0.00	59.39 3.83 0.00	68.67 4.13 0.00	65.61 3.95 0.00	48.93 2.90 0.00	44.11 2.77 0.00	41.22 2.19 0.00	37.60 1.96 0.00
HIGH_RIVER___SOLAR 323847	38.56 1.45 0.00	34.74 1.30 0.00	32.36 1.21 0.00	31.34 1.12 0.00	31.80 1.14 0.00	33.40 1.22 0.00	37.44 1.34 0.00	39.55 1.26 0.00	37.63 0.63 0.00	37.74 0.26 0.00	37.81 0.11 0.00	38.06 0.04 0.00	37.81 0.00 0.00	39.05 0.08 0.00	38.84 0.27 0.00	39.98 0.48 0.00	45.50 1.24 0.00	57.67 2.11 0.00	67.51 2.97 0.00	64.44 2.78 0.00	48.20 2.16 0.00	43.07 1.74 0.00	40.63 1.60 0.00	36.96 1.32 0.00
HILLBURN___GT 23639	38.74 1.63 0.00	34.87 1.44 0.00	32.42 1.28 0.00	31.34 1.12 0.00	31.80 1.14 0.00	33.52 1.35 0.00	37.47 1.37 0.00	39.78 1.49 0.00	38.63 1.63 0.00	39.16 1.69 0.00	39.58 1.88 0.00	39.96 1.94 0.00	39.70 1.89 0.00	41.07 2.10 0.00	40.69 2.12 0.00	41.67 2.17 0.00	46.78 2.52 0.00	58.61 3.05 0.00	67.83 3.29 0.00	64.74 3.08 0.00	48.33 2.30 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.17 1.53 0.00
HILLSIDE_115KV_TB1 80332	36.63 -0.48 0.00	33.13 -0.30 0.00	30.87 -0.28 0.00	30.01 -0.21 0.00	30.45 -0.21 0.00	31.85 -0.32 0.00	35.74 -0.36 0.00	38.25 -0.04 0.00	36.89 -0.11 0.00	37.14 -0.34 0.00	36.83 -0.87 0.00	37.22 -0.80 0.00	37.21 -0.61 0.00	38.19 -0.78 0.00	37.84 -0.73 0.00	38.75 -0.75 0.00	43.11 -1.15 0.00	54.23 -1.33 0.00	63.63 -0.90 0.00	60.86 -0.80 0.00	45.11 -0.92 0.00	40.39 -0.95 0.00	38.49 -0.55 0.00	35.50 -0.14 0.00

HISHELDN_WT_PWR 323625	36.15 -0.97 0.00	32.83 -0.60 0.00	30.90 -0.25 0.00	29.89 -0.33 0.00	30.26 -0.40 0.00	31.47 -0.71 0.00	35.24 -0.87 0.00	37.83 -0.46 0.00	36.27 -0.74 0.00	36.62 -0.86 0.00	35.89 -1.81 0.00	36.39 -1.63 0.00	36.91 -0.91 0.00	37.41 -1.56 0.00	36.95 -1.62 0.00	37.53 -1.97 0.00	41.25 -3.01 0.00	51.67 -3.89 0.00	61.24 -3.29 0.00	58.51 -3.14 0.00	43.08 -2.95 0.00	38.65 -2.69 0.00	37.66 -1.37 0.00	35.11 -0.53 0.00
HOLTSVILLE_IC_1 23690	38.74 1.63 0.00	34.57 1.14 0.00	32.14 1.00 0.00	30.98 0.76 0.00	31.40 0.73 0.00	33.07 0.90 0.00	36.60 0.51 0.01	38.90 0.61 0.00	37.86 0.85 0.00	38.94 1.46 0.00	40.19 2.49 0.00	39.81 1.79 0.00	39.59 1.78 0.00	40.92 1.95 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.08 1.82 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.54 1.20 0.00	39.89 0.86 0.00	36.96 1.32 0.00
HOLTSVILLE_IC_10 23699	38.89 1.78 0.00	34.70 1.27 0.00	32.27 1.12 0.00	31.07 0.85 0.00	31.52 0.86 0.00	33.20 1.03 0.00	36.71 0.61 0.01	39.06 0.77 0.00	38.00 1.00 0.00	39.12 1.65 0.00	40.37 2.68 0.00	39.99 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.51 2.01 0.00	46.30 2.04 0.00	57.89 2.33 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.45 1.43 0.01	42.78 1.45 0.00	40.09 1.05 0.00	37.14 1.50 0.00
HOLTSVILLE_IC_2 23691	38.74 1.63 0.00	34.57 1.14 0.00	32.14 1.00 0.00	30.98 0.76 0.00	31.40 0.73 0.00	33.07 0.90 0.00	36.60 0.51 0.01	38.90 0.61 0.00	37.86 0.85 0.00	38.94 1.46 0.00	40.19 2.49 0.00	39.81 1.79 0.00	39.59 1.78 0.00	40.92 1.95 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.08 1.82 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.54 1.20 0.00	39.89 0.86 0.00	36.96 1.32 0.00
HOLTSVILLE_IC_3 23692	38.74 1.63 0.00	34.57 1.14 0.00	32.14 1.00 0.00	30.98 0.76 0.00	31.40 0.73 0.00	33.07 0.90 0.00	36.60 0.51 0.01	38.90 0.61 0.00	37.86 0.85 0.00	38.94 1.46 0.00	40.19 2.49 0.00	39.81 1.79 0.00	39.59 1.78 0.00	40.92 1.95 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.08 1.82 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.54 1.20 0.00	39.89 0.86 0.00	36.96 1.32 0.00
HOLTSVILLE_IC_4 23693	38.74 1.63 0.00	34.57 1.14 0.00	32.14 1.00 0.00	30.98 0.76 0.00	31.40 0.73 0.00	33.07 0.90 0.00	36.60 0.51 0.01	38.90 0.61 0.00	37.86 0.85 0.00	38.94 1.46 0.00	40.19 2.49 0.00	39.81 1.79 0.00	39.59 1.78 0.00	40.92 1.95 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.08 1.82 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.54 1.20 0.00	39.89 0.86 0.00	36.96 1.32 0.00
HOLTSVILLE_IC_5 23694	38.74 1.63 0.00	34.57 1.14 0.00	32.14 1.00 0.00	30.98 0.76 0.00	31.40 0.73 0.00	33.07 0.90 0.00	36.60 0.51 0.01	38.90 0.61 0.00	37.86 0.85 0.00	38.94 1.46 0.00	40.19 2.49 0.00	39.81 1.79 0.00	39.59 1.78 0.00	40.92 1.95 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.08 1.82 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.54 1.20 0.00	39.89 0.86 0.00	36.96 1.32 0.00
HOLTSVILLE_IC_6 23695	38.89 1.78 0.00	34.70 1.27 0.00	32.27 1.12 0.00	31.07 0.85 0.00	31.52 0.86 0.00	33.20 1.03 0.00	36.71 0.61 0.01	39.06 0.77 0.00	38.00 1.00 0.00	39.12 1.65 0.00	40.37 2.68 0.00	39.99 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.51 2.01 0.00	46.30 2.04 0.00	57.89 2.33 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.45 1.43 0.01	42.78 1.45 0.00	40.09 1.05 0.00	37.14 1.50 0.00
HOLTSVILLE_IC_7 23696	38.89 1.78 0.00	34.70 1.27 0.00	32.27 1.12 0.00	31.07 0.85 0.00	31.52 0.86 0.00	33.20 1.03 0.00	36.71 0.61 0.01	39.06 0.77 0.00	38.00 1.00 0.00	39.12 1.65 0.00	40.37 2.68 0.00	39.99 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.51 2.01 0.00	46.30 2.04 0.00	57.89 2.33 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.45 1.43 0.01	42.78 1.45 0.00	40.09 1.05 0.00	37.14 1.50 0.00
HOLTSVILLE_IC_8 23697	38.89 1.78 0.00	34.70 1.27 0.00	32.27 1.12 0.00	31.07 0.85 0.00	31.52 0.86 0.00	33.20 1.03 0.00	36.71 0.61 0.01	39.06 0.77 0.00	38.00 1.00 0.00	39.12 1.65 0.00	40.37 2.68 0.00	39.99 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.51 2.01 0.00	46.30 2.04 0.00	57.89 2.33 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.45 1.43 0.01	42.78 1.45 0.00	40.09 1.05 0.00	37.14 1.50 0.00
HOLTSVILLE_IC_9 23698	38.89 1.78 0.00	34.70 1.27 0.00	32.27 1.12 0.00	31.07 0.85 0.00	31.52 0.86 0.00	33.20 1.03 0.00	36.71 0.61 0.01	39.06 0.77 0.00	38.00 1.00 0.00	39.12 1.65 0.00	40.37 2.68 0.00	39.99 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.51 2.01 0.00	46.30 2.04 0.00	57.89 2.33 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.45 1.43 0.01	42.78 1.45 0.00	40.09 1.05 0.00	37.14 1.50 0.00
HOMER_HL_115KV_TB2 355744	35.85 -1.26 0.00	32.56 -0.87 0.00	30.46 -0.69 0.00	29.65 -0.57 0.00	30.08 -0.58 0.00	31.37 -0.80 0.00	35.16 -0.94 0.00	37.83 -0.46 0.00	36.49 -0.52 0.00	36.73 -0.75 0.00	36.00 -1.70 0.00	36.42 -1.60 0.00	36.57 -1.25 0.00	37.41 -1.56 0.00	36.99 -1.58 0.00	37.80 -1.70 0.00	41.91 -2.35 0.00	52.78 -2.78 0.00	62.02 -2.52 0.00	59.25 -2.40 0.00	43.87 -2.16 0.00	38.98 -2.36 0.00	37.59 -1.44 0.00	35.03 -0.61 0.00
HOWARD_WT_PWR 323690	36.78 -0.33 0.00	33.23 -0.20 0.00	31.05 -0.09 0.00	30.07 -0.15 0.00	30.45 -0.21 0.00	31.75 -0.42 0.00	35.60 -0.51 0.00	38.18 -0.11 0.00	36.67 -0.33 0.00	36.95 -0.52 0.00	36.42 -1.28 0.00	36.80 -1.22 0.00	37.25 -0.57 0.00	37.96 -1.01 0.00	37.61 -0.96 0.00	38.32 -1.18 0.00	42.49 -1.77 0.00	53.67 -1.89 0.00	63.31 -1.23 0.00	60.30 -1.36 0.00	44.56 -1.47 0.00	39.89 -1.45 0.00	38.49 -0.55 0.00	35.53 -0.11 0.00
HQ_GEN_CEDARS 23644	37.48 0.37 0.00	33.73 0.30 0.00	31.49 0.34 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.61 0.51 0.00	38.64 0.34 0.00	37.30 0.30 0.00	37.78 0.30 0.00	38.11 0.41 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.23 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.54 0.51 0.00	41.71 0.37 0.00	39.46 0.43 0.00	36.00 0.36 0.00
HQ_GEN_CEDARS_PROXY 323590	37.48 0.37 0.00	33.73 0.30 0.00	31.49 0.34 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.61 0.51 0.00	38.63 0.34 0.00	37.30 0.29 0.00	37.78 0.30 0.00	38.11 0.42 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.24 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.54 0.51 0.00	41.67 0.33 0.00	39.46 0.43 0.00	36.00 0.36 0.00

HQ_GEN_IMPORT 323601	37.23 0.11 0.00	33.53 0.10 0.00	31.24 0.09 0.00	30.34 0.12 0.00	30.79 0.12 0.00	32.30 0.13 0.00	36.28 0.18 0.00	38.41 0.12 0.00	37.12 0.11 0.00	37.59 0.11 0.00	37.85 0.15 0.00	38.17 0.15 0.00	37.89 0.08 0.00	39.05 0.08 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.35 0.09 0.00	55.73 0.17 0.00	64.73 0.19 0.00	61.84 0.19 0.00	46.17 0.14 0.00	41.42 0.08 0.00	39.15 0.12 0.00	35.75 0.11 0.00
HQ_GEN_WHEEL 23651	37.23 0.11 0.00	33.53 0.10 0.00	31.24 0.09 0.00	30.34 0.12 0.00	30.79 0.12 0.00	32.30 0.13 0.00	36.28 0.18 0.00	38.41 0.12 0.00	37.12 0.11 0.00	37.59 0.11 0.00	37.85 0.15 0.00	38.17 0.15 0.00	37.89 0.08 0.00	39.05 0.08 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.35 0.09 0.00	55.73 0.17 0.00	64.73 0.19 0.00	61.84 0.19 0.00	46.17 0.14 0.00	41.42 0.08 0.00	39.15 0.12 0.00	35.75 0.11 0.00
HUDSON AVE_GT_3 23810	38.97 1.86 0.00	35.07 1.64 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.62 1.52 0.00	39.94 1.65 0.00	38.82 1.81 0.00	39.43 1.95 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.08 2.27 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.91 2.41 0.00	46.96 2.70 0.00	58.73 3.17 0.00	67.83 3.29 0.00	64.74 3.08 0.00	48.34 2.30 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
HUDSON AVE_GT_4 23540	38.97 1.86 0.00	35.07 1.64 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.62 1.52 0.00	39.94 1.65 0.00	38.82 1.81 0.00	39.43 1.95 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.08 2.27 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.91 2.41 0.00	46.96 2.70 0.00	58.73 3.17 0.00	67.83 3.29 0.00	64.74 3.08 0.00	48.34 2.30 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
HUDSON AVE_GT_5 23657	38.97 1.86 0.00	35.07 1.64 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.62 1.52 0.00	39.94 1.65 0.00	38.82 1.81 0.00	39.43 1.95 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.08 2.27 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.91 2.41 0.00	46.96 2.70 0.00	58.73 3.17 0.00	67.83 3.29 0.00	64.74 3.08 0.00	48.34 2.30 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
HUDSON_AVE_10 24168	38.89 1.78 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.40 1.18 0.00	31.83 1.17 0.00	33.62 1.45 0.00	37.55 1.44 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.73 2.04 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.83 2.57 0.00	58.62 3.06 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.20 2.16 0.00	43.53 2.19 0.00	40.87 1.83 0.00	37.24 1.60 0.00
HUDSON___115KV_TB 4 355613	38.15 1.04 0.00	34.34 0.90 0.00	32.05 0.90 0.00	31.01 0.79 0.00	31.46 0.80 0.00	33.04 0.87 0.00	36.97 0.87 0.00	39.09 0.80 0.00	37.71 0.70 0.00	38.15 0.67 0.00	38.38 0.68 0.00	38.59 0.57 0.00	38.38 0.57 0.00	39.63 0.66 0.00	39.34 0.77 0.00	40.41 0.91 0.00	45.59 1.33 0.00	57.45 1.89 0.00	66.60 2.07 0.00	63.57 1.91 0.00	47.51 1.47 0.00	42.58 1.24 0.00	40.01 0.98 0.00	36.49 0.86 0.00
HUNTER MOUNT___DRP 323613	38.23 1.11 0.00	34.44 1.00 0.00	32.11 0.97 0.00	31.10 0.88 0.00	31.55 0.89 0.00	33.07 0.90 0.00	37.00 0.90 0.00	39.09 0.80 0.00	37.67 0.67 0.00	38.11 0.64 0.00	38.38 0.68 0.00	38.55 0.53 0.00	38.34 0.53 0.00	39.59 0.62 0.00	39.30 0.73 0.00	40.41 0.91 0.00	45.63 1.37 0.00	57.56 2.00 0.00	66.80 2.26 0.00	63.69 2.03 0.00	47.64 1.61 0.00	42.66 1.32 0.00	40.09 1.05 0.00	36.57 0.93 0.00
HUNTINGTON_RES_REC 323705	38.79 1.67 0.00	34.64 1.20 0.00	32.21 1.06 0.00	31.04 0.82 0.00	31.46 0.80 0.00	33.14 0.96 0.00	36.71 0.61 0.01	39.06 0.77 0.00	37.97 0.96 0.00	39.05 1.57 0.00	40.19 2.49 0.00	39.96 1.94 0.00	39.70 1.89 0.00	41.00 2.03 0.00	40.69 2.12 0.00	41.36 1.86 0.00	46.12 1.86 0.00	57.62 2.06 0.00	66.27 1.74 0.01	63.25 1.60 0.01	47.27 1.24 0.01	42.62 1.28 0.00	40.04 1.01 0.00	37.03 1.39 0.00
HUNTLEY___63 23557	36.19 -0.93 0.00	32.80 -0.64 0.00	30.77 -0.37 0.00	30.13 -0.09 0.00	30.33 -0.34 0.00	31.59 -0.58 0.00	35.34 -0.76 0.00	37.91 -0.38 0.00	36.23 -0.78 0.00	36.73 -0.75 0.00	36.04 -1.66 0.00	36.46 -1.56 0.00	36.57 -1.25 0.00	37.45 -1.52 0.00	36.87 -1.70 0.00	37.45 -2.05 0.00	40.80 -3.45 0.00	50.72 -4.83 0.00	60.34 -4.19 0.00	57.71 -3.95 0.00	42.35 -3.68 0.00	38.07 -3.27 0.00	37.28 -1.76 0.00	35.03 -0.61 0.00
HUNTLEY___64 23558	36.19 -0.93 0.00	32.80 -0.64 0.00	30.77 -0.37 0.00	30.13 -0.09 0.00	30.33 -0.34 0.00	31.59 -0.58 0.00	35.34 -0.76 0.00	37.91 -0.38 0.00	36.23 -0.78 0.00	36.73 -0.75 0.00	36.04 -1.66 0.00	36.46 -1.56 0.00	36.57 -1.25 0.00	37.45 -1.52 0.00	36.87 -1.70 0.00	37.45 -2.05 0.00	40.80 -3.45 0.00	50.72 -4.83 0.00	60.34 -4.19 0.00	57.71 -3.95 0.00	42.35 -3.68 0.00	38.07 -3.27 0.00	37.28 -1.76 0.00	35.03 -0.61 0.00
HUNTLEY___65 23559	36.19 -0.93 0.00	32.80 -0.64 0.00	30.77 -0.37 0.00	30.13 -0.09 0.00	30.33 -0.34 0.00	31.59 -0.58 0.00	35.34 -0.76 0.00	37.91 -0.38 0.00	36.23 -0.78 0.00	36.73 -0.75 0.00	36.04 -1.66 0.00	36.46 -1.56 0.00	36.57 -1.25 0.00	37.45 -1.52 0.00	36.87 -1.70 0.00	37.45 -2.05 0.00	40.80 -3.45 0.00	50.72 -4.83 0.00	60.34 -4.19 0.00	57.71 -3.95 0.00	42.35 -3.68 0.00	38.07 -3.27 0.00	37.28 -1.76 0.00	35.03 -0.61 0.00
HUNTLEY___66 23560	36.19 -0.93 0.00	32.80 -0.64 0.00	30.77 -0.37 0.00	30.13 -0.09 0.00	30.33 -0.34 0.00	31.59 -0.58 0.00	35.34 -0.76 0.00	37.91 -0.38 0.00	36.23 -0.78 0.00	36.73 -0.75 0.00	36.04 -1.66 0.00	36.46 -1.56 0.00	36.57 -1.25 0.00	37.45 -1.52 0.00	36.87 -1.70 0.00	37.45 -2.05 0.00	40.80 -3.45 0.00	50.72 -4.83 0.00	60.34 -4.19 0.00	57.71 -3.95 0.00	42.35 -3.68 0.00	38.07 -3.27 0.00	37.28 -1.76 0.00	35.03 -0.61 0.00
HUNTLEY___67 23561	36.00 -1.11 0.00	32.70 -0.74 0.00	30.68 -0.47 0.00	29.92 -0.30 0.00	30.23 -0.43 0.00	31.43 -0.74 0.00	35.16 -0.94 0.00	37.79 -0.50 0.00	36.23 -0.78 0.00	36.65 -0.82 0.00	36.00 -1.70 0.00	36.42 -1.60 0.00	36.53 -1.29 0.00	37.41 -1.56 0.00	36.87 -1.70 0.00	37.49 -2.01 0.00	40.85 -3.41 0.01	50.83 -4.72 0.01	60.40 -4.13 0.01	57.77 -3.88 0.01	42.44 -3.59 0.01	38.16 -3.18 0.00	37.24 -1.80 0.00	34.96 -0.68 0.00
HUNTLEY___68 23562	36.00 -1.11 0.00	32.70 -0.74 0.00	30.68 -0.47 0.00	29.92 -0.30 0.00	30.23 -0.43 0.00	31.43 -0.74 0.00	35.16 -0.94 0.00	37.79 -0.50 0.00	36.23 -0.78 0.00	36.65 -0.82 0.00	36.00 -1.70 0.00	36.42 -1.60 0.00	36.53 -1.29 0.00	37.41 -1.56 0.00	36.87 -1.70 0.00	37.49 -2.01 0.00	40.85 -3.41 0.01	50.83 -4.72 0.01	60.40 -4.13 0.01	57.77 -3.88 0.01	42.44 -3.59 0.01	38.16 -3.18 0.00	37.24 -1.80 0.00	34.96 -0.68 0.00

HYLAND___LFGE 323620	38.27 1.15 0.00	34.57 1.14 0.00	32.24 1.09 0.00	31.31 1.09 0.00	31.67 1.01 0.00	33.11 0.93 0.00	37.18 1.08 0.00	39.94 1.65 0.00	37.93 0.93 0.00	37.89 0.41 0.00	37.17 -0.53 0.00	37.41 -0.61 0.00	37.74 -0.08 0.00	38.58 -0.39 0.00	38.22 -0.35 0.00	39.27 -0.24 0.00	43.64 -0.62 0.00	55.34 -0.22 0.00	66.08 1.55 0.00	63.26 1.60 0.00	46.81 0.78 0.00	41.92 0.58 0.00	40.24 1.21 0.00	37.10 1.46 0.00
INDECK___CORINTH 23802	37.89 0.78 0.00	34.10 0.67 0.00	31.80 0.66 0.00	30.80 0.57 0.00	31.22 0.55 0.00	32.75 0.58 0.00	36.72 0.61 0.00	38.79 0.50 0.00	37.34 0.33 0.00	37.81 0.34 0.00	38.07 0.38 0.00	38.29 0.27 0.00	37.93 0.11 0.00	39.17 0.20 0.00	38.88 0.31 0.00	39.94 0.44 0.00	45.19 0.93 0.00	56.95 1.39 0.00	66.34 1.80 0.00	63.20 1.54 0.00	47.32 1.29 0.00	42.16 0.83 0.00	39.81 0.78 0.00	36.17 0.54 0.00
INDECK___ILION 23567	37.34 0.22 0.00	33.60 0.17 0.00	31.27 0.12 0.00	30.34 0.12 0.00	30.82 0.15 0.00	32.37 0.19 0.00	36.32 0.22 0.00	38.52 0.23 0.00	37.23 0.22 0.00	37.70 0.22 0.00	37.96 0.26 0.00	38.32 0.30 0.00	38.16 0.34 0.00	39.32 0.35 0.00	38.92 0.35 0.00	39.86 0.36 0.00	44.70 0.44 0.00	56.00 0.44 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.27 0.23 0.00	35.82 0.18 0.00
INDECK___OLEAN 23982	35.89 -1.22 0.00	32.60 -0.83 0.00	30.68 -0.47 0.00	29.65 -0.58 0.00	30.08 -0.58 0.00	31.37 -0.80 0.00	35.16 -0.94 0.00	37.83 -0.46 0.00	36.49 -0.52 0.00	36.73 -0.75 0.00	35.89 -1.81 0.00	36.42 -1.60 0.00	36.91 -0.91 0.00	37.41 -1.56 0.00	37.07 -1.50 0.00	37.76 -1.74 0.00	41.91 -2.35 0.00	52.72 -2.83 0.00	62.02 -2.52 0.00	59.25 -2.41 0.00	43.87 -2.16 0.00	38.98 -2.35 0.00	37.78 -1.25 0.00	35.03 -0.61 0.00
INDECK___OSWEGO 23783	36.30 -0.82 0.00	32.70 -0.74 0.00	30.43 -0.72 0.00	29.53 -0.69 0.00	29.96 -0.70 0.00	31.40 -0.77 0.00	35.24 -0.87 0.00	37.48 -0.81 0.00	36.23 -0.78 0.00	36.65 -0.82 0.00	36.79 -0.91 0.00	37.07 -0.95 0.00	36.98 -0.83 0.00	38.04 -0.94 0.00	37.69 -0.89 0.00	38.59 -0.91 0.00	42.76 -1.51 0.00	53.61 -1.95 0.00	62.41 -2.13 0.00	59.68 -1.98 0.00	44.56 -1.47 0.00	40.06 -1.28 0.00	38.21 -0.82 0.00	34.89 -0.75 0.00
INDECK___YERKES 23781	36.22 -0.89 0.00	32.83 -0.60 0.00	30.99 -0.15 0.00	30.16 -0.06 0.00	30.33 -0.34 0.00	31.63 -0.55 0.00	35.38 -0.72 0.00	37.91 -0.38 0.00	36.27 -0.74 0.00	36.73 -0.75 0.00	35.96 -1.73 0.00	36.46 -1.56 0.00	37.14 -0.68 0.00	37.49 -1.48 0.00	36.99 -1.58 0.00	37.45 -2.06 0.00	40.85 -3.41 0.00	50.78 -4.78 0.00	60.40 -4.13 0.00	57.71 -3.95 0.00	42.34 -3.68 0.00	38.11 -3.22 0.00	37.47 -1.56 0.00	35.07 -0.57 0.00
INDIAN POINT_GT_1 24139	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.51 1.81 0.00	39.92 1.90 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.65 2.08 0.00	41.60 2.09 0.00	46.70 2.43 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
INDIAN POINT_GT_2 23659	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.51 1.81 0.00	39.92 1.90 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.65 2.08 0.00	41.60 2.09 0.00	46.70 2.43 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
INDIAN POINT_GT_3 24019	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.51 1.81 0.00	39.92 1.90 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.65 2.08 0.00	41.60 2.09 0.00	46.70 2.43 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
INDIAN POINT___2 23530	38.71 1.59 0.00	34.84 1.40 0.00	32.39 1.25 0.00	31.31 1.09 0.00	31.74 1.07 0.00	33.49 1.32 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.12 1.65 0.00	39.54 1.85 0.00	39.92 1.90 0.00	39.67 1.85 0.00	41.00 2.03 0.00	40.65 2.08 0.00	41.59 2.09 0.00	46.69 2.43 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.36 2.03 0.00	40.63 1.60 0.00	37.10 1.46 0.00
INDIAN POINT___3 23531	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.74 1.07 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.09 1.61 0.00	39.51 1.81 0.00	39.88 1.86 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.62 2.04 0.00	41.56 2.05 0.00	46.65 2.39 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.50 2.84 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.07 1.43 0.00
INGHAM_C_115KV_TB7 356103	37.52 0.41 0.00	33.77 0.33 0.00	31.43 0.28 0.00	30.46 0.24 0.00	30.97 0.31 0.00	32.56 0.39 0.00	36.54 0.43 0.00	38.75 0.46 0.00	37.41 0.41 0.00	37.89 0.41 0.00	38.19 0.49 0.00	38.59 0.57 0.00	38.42 0.61 0.00	39.59 0.62 0.00	39.23 0.66 0.00	40.17 0.67 0.00	45.01 0.75 0.00	56.28 0.72 0.00	65.31 0.77 0.00	62.46 0.80 0.00	46.59 0.55 0.00	41.88 0.54 0.00	39.50 0.47 0.00	35.96 0.32 0.00
IP CORINTH___1 23988	38.12 1.00 0.00	34.34 0.90 0.00	32.02 0.87 0.00	30.95 0.73 0.00	31.40 0.74 0.00	32.95 0.77 0.00	36.93 0.83 0.00	39.02 0.73 0.00	37.56 0.56 0.00	38.04 0.56 0.00	38.30 0.60 0.00	38.48 0.46 0.00	38.23 0.42 0.00	39.40 0.43 0.00	39.11 0.54 0.00	40.17 0.67 0.00	45.46 1.20 0.00	57.28 1.72 0.00	66.73 2.19 0.00	63.57 1.91 0.00	47.55 1.52 0.00	42.41 1.07 0.00	40.05 1.01 0.00	36.39 0.75 0.00
IP___TICONDEROGA 23804	39.49 2.38 0.00	35.54 2.11 0.00	33.17 2.02 0.00	32.04 1.81 0.00	32.47 1.81 0.00	34.14 1.96 0.00	38.23 2.13 0.00	40.36 2.07 0.00	38.67 1.67 0.00	39.16 1.69 0.00	39.36 1.66 0.00	39.46 1.44 0.00	39.14 1.32 0.00	40.34 1.36 0.00	40.04 1.47 0.00	41.16 1.66 0.00	46.78 2.52 0.00	59.23 3.67 0.00	69.38 4.84 0.00	66.04 4.38 0.00	49.49 3.45 0.00	43.82 2.48 0.00	41.45 2.42 0.00	37.60 1.96 0.00
ISLIP_RES_REC 323679	39.01 1.89 0.00	34.81 1.37 0.00	32.33 1.18 0.00	31.16 0.94 0.00	31.58 0.92 0.00	33.27 1.09 0.00	36.82 0.72 0.01	39.17 0.88 0.00	38.08 1.07 0.00	39.24 1.76 0.00	40.53 2.83 0.00	40.15 2.13 0.00	39.97 2.15 0.00	41.27 2.30 0.00	41.00 2.43 0.00	41.67 2.17 0.00	46.47 2.21 0.00	58.17 2.61 0.00	66.85 2.32 0.01	63.81 2.16 0.01	47.68 1.65 0.01	42.95 1.61 0.00	40.20 1.17 0.00	37.24 1.61 0.00

JAMAICA__27_KV_LOAD 355505	39.08 1.97 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.98 1.32 0.00	33.81 1.64 0.00	37.80 1.70 0.00	40.17 1.88 0.00	39.08 2.07 0.00	39.65 2.17 0.00	39.92 2.22 0.00	40.34 2.32 0.00	40.16 2.34 0.00	41.47 2.49 0.00	41.08 2.51 0.00	42.03 2.53 0.00	47.01 2.74 0.00	58.84 3.28 0.00	67.96 3.42 0.00	64.93 3.27 0.00	48.38 2.35 0.00	43.65 2.31 0.00	41.14 2.11 0.00	37.46 1.82 0.00
JANIS__SOLAR 323808	38.19 1.08 0.00	34.40 0.97 0.00	31.99 0.84 0.00	31.04 0.82 0.00	31.49 0.83 0.00	33.01 0.84 0.00	37.15 1.05 0.00	39.63 1.34 0.00	38.11 1.11 0.00	38.19 0.71 0.00	38.07 0.38 0.00	38.32 0.30 0.00	38.27 0.46 0.00	39.28 0.31 0.00	39.00 0.43 0.00	40.05 0.55 0.00	44.97 0.71 0.00	56.89 1.33 0.00	66.79 2.26 0.00	64.06 2.40 0.00	47.74 1.70 0.00	42.66 1.32 0.00	40.40 1.37 0.00	36.78 1.14 0.00
JARVIS____ 23743	37.19 0.07 0.00	33.50 0.07 0.00	31.21 0.06 0.00	30.28 0.06 0.00	30.73 0.06 0.00	32.24 0.06 0.00	36.17 0.07 0.00	38.37 0.08 0.00	37.08 0.07 0.00	37.55 0.08 0.00	37.81 0.11 0.00	38.10 0.08 0.00	37.93 0.11 0.00	39.09 0.12 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.78 0.22 0.00	64.73 0.19 0.00	61.84 0.19 0.00	46.22 0.18 0.00	41.50 0.17 0.00	39.11 0.08 0.00	35.71 0.07 0.00
JENNISON____1 23625	38.23 1.11 0.00	34.50 1.07 0.00	32.08 0.93 0.00	31.16 0.94 0.00	31.61 0.95 0.00	33.17 1.00 0.00	37.29 1.19 0.00	39.75 1.46 0.00	38.37 1.37 0.00	38.60 1.12 0.00	38.68 0.98 0.00	38.89 0.87 0.00	38.76 0.95 0.00	39.87 0.90 0.00	39.54 0.96 0.00	40.53 1.03 0.00	45.46 1.20 0.00	57.34 1.78 0.00	67.12 2.58 0.00	64.37 2.71 0.00	48.01 1.98 0.00	42.79 1.45 0.00	40.40 1.37 0.00	36.78 1.14 0.00
JENNISON____2 23626	38.23 1.11 0.00	34.50 1.07 0.00	32.08 0.93 0.00	31.16 0.94 0.00	31.61 0.95 0.00	33.17 1.00 0.00	37.29 1.19 0.00	39.75 1.46 0.00	38.37 1.37 0.00	38.60 1.12 0.00	38.68 0.98 0.00	38.89 0.87 0.00	38.76 0.95 0.00	39.87 0.90 0.00	39.54 0.96 0.00	40.53 1.03 0.00	45.46 1.20 0.00	57.34 1.78 0.00	67.12 2.58 0.00	64.37 2.71 0.00	48.01 1.98 0.00	42.79 1.45 0.00	40.40 1.37 0.00	36.78 1.14 0.00
JERICOHO_RISE_WT_PWR 323719	37.23 0.11 0.00	33.53 0.10 0.00	31.33 0.19 0.00	30.44 0.21 0.00	30.94 0.28 0.00	32.49 0.32 0.00	36.54 0.43 0.00	38.56 0.27 0.00	37.27 0.26 0.00	37.78 0.30 0.00	38.07 0.38 0.00	38.40 0.38 0.00	37.89 0.08 0.00	39.05 0.08 0.00	38.50 -0.08 0.00	39.42 -0.08 0.00	44.31 0.04 0.00	55.90 0.34 0.00	64.93 0.39 0.00	61.97 0.31 0.00	46.31 0.28 0.00	41.42 0.08 0.00	39.15 0.12 0.00	35.75 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	38.89 1.78 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.59 1.42 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.63 1.63 0.00	39.31 1.84 0.00	39.70 2.00 0.00	40.11 2.09 0.00	39.93 2.12 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.79 2.29 0.00	46.87 2.61 0.00	58.78 3.22 0.00	67.89 3.36 0.00	64.80 3.14 0.00	48.34 2.30 0.00	43.53 2.19 0.00	40.79 1.76 0.00	37.17 1.53 0.00
KCE_NY_1 323755	38.52 1.41 0.00	34.67 1.24 0.00	32.30 1.15 0.00	31.28 1.06 0.00	31.74 1.07 0.00	33.33 1.16 0.00	37.37 1.26 0.00	39.48 1.19 0.00	38.08 1.07 0.00	38.52 1.05 0.00	38.79 1.09 0.00	39.05 1.03 0.00	38.76 0.95 0.00	40.02 1.05 0.00	39.69 1.12 0.00	40.73 1.23 0.00	45.99 1.72 0.00	57.84 2.28 0.00	67.25 2.71 0.00	64.13 2.47 0.00	47.97 1.93 0.00	42.87 1.53 0.00	40.43 1.40 0.00	36.81 1.17 0.00
KCE_NY_6_ESR 323823	36.22 -0.89 0.00	32.93 -0.50 0.00	31.08 -0.06 0.00	30.04 -0.18 0.00	30.42 -0.25 0.00	31.60 -0.58 0.00	35.34 -0.76 0.00	38.02 -0.27 0.00	36.49 -0.52 0.00	36.92 -0.56 0.00	36.15 -1.55 0.00	36.65 -1.37 0.00	37.29 -0.53 0.00	37.69 -1.29 0.00	37.18 -1.39 0.00	37.72 -1.78 0.00	41.33 -2.92 0.00	51.61 -3.94 0.00	61.11 -3.42 0.00	58.38 -3.27 0.00	42.99 -3.04 0.00	38.57 -2.77 0.00	37.74 -1.29 0.00	35.21 -0.43 0.00
KEDC_PORT_JEFF_GT2 24210	38.86 1.74 0.00	34.67 1.24 0.00	32.24 1.09 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.17 1.00 0.00	36.71 0.61 0.01	39.06 0.77 0.00	37.97 0.96 0.00	39.09 1.61 0.00	40.34 2.64 0.00	39.99 1.98 0.00	39.78 1.97 0.00	41.11 2.14 0.00	40.81 2.24 0.00	41.48 1.97 0.00	46.25 1.99 0.00	57.84 2.28 0.00	66.08 1.55 0.01	63.07 1.42 0.01	47.41 1.38 0.01	42.74 1.41 0.00	40.04 1.01 0.00	37.10 1.46 0.00
KEDC_PORT_JEFF_GT3 24211	38.86 1.74 0.00	34.67 1.24 0.00	32.24 1.09 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.17 1.00 0.00	36.71 0.61 0.01	39.06 0.77 0.00	37.97 0.96 0.00	39.09 1.61 0.00	40.34 2.64 0.00	39.99 1.98 0.00	39.78 1.97 0.00	41.11 2.14 0.00	40.81 2.24 0.00	41.48 1.97 0.00	46.25 1.99 0.00	57.84 2.28 0.00	66.08 1.55 0.01	63.07 1.42 0.01	47.41 1.38 0.01	42.74 1.41 0.00	40.04 1.01 0.00	37.10 1.46 0.00
KEDC_GLWD_GT4 24219	38.89 1.78 0.00	34.94 1.51 0.00	32.49 1.34 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.25 1.15 0.00	39.59 1.30 0.00	38.49 1.48 0.00	39.28 1.80 0.00	40.07 2.38 0.00	40.22 2.20 0.00	39.97 2.15 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.79 2.29 0.00	46.78 2.52 0.00	58.12 2.56 0.00	67.12 2.58 0.00	64.06 2.40 0.00	47.78 1.75 0.00	43.36 2.03 0.00	40.59 1.56 0.00	37.24 1.61 0.00
KEDC_GLWD_GT5 24220	38.89 1.78 0.00	34.94 1.51 0.00	32.49 1.34 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.25 1.15 0.00	39.59 1.30 0.00	38.49 1.48 0.00	39.28 1.80 0.00	40.07 2.38 0.00	40.22 2.20 0.00	39.97 2.15 0.00	41.35 2.38 0.00	40.96 2.39 0.00	41.79 2.29 0.00	46.78 2.52 0.00	58.12 2.56 0.00	67.12 2.58 0.00	64.06 2.40 0.00	47.78 1.75 0.00	43.36 2.03 0.00	40.59 1.56 0.00	37.24 1.61 0.00
KENSICO____ 23655	38.82 1.71 0.00	34.94 1.50 0.00	32.42 1.28 0.00	31.40 1.18 0.00	31.83 1.17 0.00	33.56 1.38 0.00	37.47 1.37 0.00	39.78 1.49 0.00	38.63 1.63 0.00	39.20 1.72 0.00	39.66 1.96 0.00	40.03 2.02 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.77 2.20 0.00	41.67 2.17 0.00	46.78 2.52 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.17 1.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.12 2.00 0.00	35.24 1.81 0.00	32.67 1.53 0.00	31.64 1.42 0.00	32.07 1.41 0.00	33.78 1.61 0.00	37.73 1.62 0.00	40.01 1.72 0.00	38.86 1.85 0.00	39.39 1.91 0.00	39.77 2.07 0.00	40.11 2.09 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.89 2.31 0.00	41.91 2.41 0.00	47.14 2.88 0.00	59.23 3.67 0.00	68.54 4.00 0.00	65.42 3.76 0.00	48.84 2.81 0.00	43.98 2.65 0.00	41.14 2.11 0.00	37.53 1.89 0.00

KIAC_JFK_GT1 23816	38.89 1.78 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.40 1.18 0.00	31.80 1.13 0.00	33.65 1.48 0.00	37.58 1.48 0.00	39.98 1.68 0.00	38.86 1.85 0.00	39.43 1.95 0.00	39.70 2.00 0.00	40.15 2.13 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.61 2.35 0.00	58.28 2.72 0.00	67.31 2.78 0.00	64.31 2.65 0.00	47.97 1.93 0.00	43.28 1.94 0.00	40.91 1.87 0.00	37.28 1.64 0.00
KIAC_JFK_GT2 23817	38.89 1.78 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.40 1.18 0.00	31.80 1.13 0.00	33.65 1.48 0.00	37.58 1.48 0.00	39.98 1.68 0.00	38.86 1.85 0.00	39.43 1.95 0.00	39.70 2.00 0.00	40.15 2.13 0.00	39.97 2.16 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.61 2.35 0.00	58.28 2.72 0.00	67.31 2.78 0.00	64.31 2.65 0.00	47.97 1.93 0.00	43.28 1.94 0.00	40.91 1.87 0.00	37.28 1.64 0.00
KIAC_JFK____ 323774	38.86 1.74 0.00	34.97 1.54 0.00	32.52 1.37 0.00	31.40 1.18 0.00	31.80 1.14 0.00	33.65 1.48 0.00	37.58 1.48 0.00	39.97 1.68 0.00	38.85 1.85 0.00	39.42 1.95 0.00	39.73 2.03 0.00	40.15 2.13 0.00	39.86 2.04 0.00	41.23 2.26 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.61 2.34 0.00	58.28 2.72 0.00	67.31 2.77 0.00	64.31 2.65 0.00	47.97 1.93 0.00	43.24 1.90 0.00	40.87 1.83 0.00	37.28 1.64 0.00
KINTIGH__24_KV_GSU 356498	36.11 -1.00 0.00	32.77 -0.67 0.00	30.87 -0.28 0.00	29.92 -0.30 0.00	30.23 -0.43 0.00	31.47 -0.71 0.00	35.24 -0.87 0.00	37.83 -0.46 0.00	36.27 -0.74 0.00	36.69 -0.79 0.00	36.08 -1.62 0.00	36.61 -1.41 0.00	37.10 -0.72 0.00	37.61 -1.37 0.00	37.11 -1.47 0.00	37.69 -1.82 0.00	41.17 -3.10 0.00	51.17 -4.39 0.00	60.80 -3.74 0.00	58.15 -3.51 0.00	42.72 -3.31 0.00	38.49 -2.85 0.00	37.55 -1.48 0.00	34.96 -0.68 0.00
KINTIGH____ 23543	36.11 -1.00 0.00	32.73 -0.70 0.00	30.68 -0.47 0.00	29.92 -0.30 0.00	30.23 -0.43 0.00	31.47 -0.71 0.00	35.24 -0.87 0.00	37.83 -0.46 0.00	36.27 -0.74 0.00	36.69 -0.79 0.00	36.19 -1.51 0.00	36.61 -1.41 0.00	36.64 -1.17 0.00	37.61 -1.36 0.00	37.03 -1.54 0.00	37.68 -1.82 0.00	41.17 -3.10 0.00	51.12 -4.44 0.00	60.80 -3.74 0.00	58.15 -3.51 0.00	42.72 -3.31 0.00	38.49 -2.85 0.00	37.43 -1.60 0.00	34.96 -0.68 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.74 0.63 0.00	33.97 0.53 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.40 0.74 0.00	33.01 0.84 0.00	37.15 1.05 0.00	39.09 0.80 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.32 0.00	44.84 0.58 0.00	56.73 1.17 0.00	65.96 1.42 0.00	62.89 1.23 0.00	46.95 0.92 0.00	41.83 0.50 0.00	39.62 0.59 0.00	36.17 0.53 0.00
LACHUTE____HYDRO 323717	39.49 2.38 0.00	35.54 2.11 0.00	33.17 2.02 0.00	32.04 1.81 0.00	32.47 1.81 0.00	34.14 1.96 0.00	38.23 2.13 0.00	40.36 2.07 0.00	38.67 1.67 0.00	39.16 1.69 0.00	39.35 1.66 0.00	39.46 1.44 0.00	39.06 1.25 0.00	40.33 1.36 0.00	40.00 1.43 0.00	41.16 1.66 0.00	46.78 2.52 0.00	59.23 3.67 0.00	69.38 4.84 0.00	66.04 4.38 0.00	49.49 3.45 0.00	43.82 2.48 0.00	41.45 2.42 0.00	37.60 1.96 0.00
LAWRNCV_115KV_TB1 80681	37.63 0.52 0.00	33.90 0.47 0.00	31.58 0.44 0.00	30.65 0.42 0.00	31.12 0.46 0.00	32.72 0.55 0.00	36.82 0.72 0.00	38.83 0.54 0.00	37.45 0.44 0.00	37.89 0.41 0.00	38.23 0.53 0.00	38.55 0.53 0.00	38.04 0.23 0.00	39.24 0.27 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.78 0.22 0.00	64.86 0.32 0.00	62.09 0.43 0.00	46.72 0.69 0.00	41.96 0.62 0.00	39.70 0.66 0.00	36.14 0.50 0.00
LEDERLE____ 23769	38.86 1.74 0.00	35.01 1.57 0.00	32.45 1.31 0.00	31.43 1.21 0.00	31.89 1.23 0.00	33.62 1.45 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.28 1.80 0.00	39.66 1.96 0.00	40.07 2.05 0.00	39.93 2.12 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.79 2.29 0.00	46.92 2.66 0.00	58.84 3.28 0.00	68.02 3.49 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.65 2.31 0.00	40.87 1.83 0.00	37.28 1.64 0.00
LIGHTHSE_115KV_TB6 355974	36.85 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.81 -0.29 0.00	38.10 -0.19 0.00	36.82 -0.19 0.00	37.18 -0.30 0.00	37.32 -0.38 0.00	37.56 -0.46 0.00	37.40 -0.42 0.00	38.50 -0.47 0.00	38.11 -0.46 0.00	39.11 -0.40 0.00	43.51 -0.75 0.00	54.73 -0.83 0.00	63.83 -0.71 0.00	61.17 -0.49 0.00	45.80 -0.23 0.00	41.09 -0.25 0.00	38.91 -0.12 0.00	35.46 -0.18 0.00
LINDEN COGEN____ 23786	38.64 1.52 0.00	34.81 1.37 0.00	32.36 1.21 0.00	31.22 1.00 0.00	31.64 0.98 0.00	33.49 1.32 0.00	37.33 1.23 0.00	39.67 1.38 0.00	38.60 1.59 0.00	39.12 1.65 0.00	39.54 1.85 0.00	39.92 1.90 0.00	39.67 1.85 0.00	41.04 2.06 0.00	40.65 2.08 0.00	41.59 2.09 0.00	46.61 2.34 0.00	58.28 2.72 0.00	67.31 2.77 0.00	64.31 2.65 0.00	47.97 1.93 0.00	43.28 1.94 0.00	40.55 1.52 0.00	37.03 1.39 0.00
LINDHRST_69_KV_BK1 356055	39.15 2.04 0.00	35.04 1.60 0.00	32.45 1.31 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.46 1.29 0.00	37.03 0.94 0.01	39.36 1.07 0.00	38.41 1.41 0.00	39.39 1.91 0.00	40.07 2.37 0.00	40.38 2.36 0.00	40.46 2.65 0.00	41.58 2.61 0.00	41.35 2.78 0.00	41.91 2.41 0.00	46.78 2.52 0.00	58.56 3.00 0.00	67.56 3.03 0.01	64.49 2.84 0.01	48.05 2.03 0.01	43.36 2.03 0.00	40.91 1.87 0.00	37.35 1.71 0.00
LIPA_MISC_IPP 23656	38.71 1.60 0.00	34.60 1.17 0.00	32.02 0.87 0.00	30.89 0.66 0.00	31.34 0.67 0.00	33.01 0.84 0.00	36.49 0.40 0.01	38.83 0.54 0.00	37.93 0.93 0.00	38.90 1.42 0.00	39.51 1.81 0.00	39.77 1.75 0.00	39.89 2.08 0.00	41.00 2.03 0.00	40.81 2.24 0.00	41.28 1.78 0.00	45.99 1.73 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.62 1.28 0.00	40.36 1.33 0.00	36.89 1.25 0.00
LISF____SOLAR 323691	38.74 1.63 0.00	34.54 1.10 0.00	32.11 0.97 0.00	30.95 0.72 0.00	31.37 0.71 0.00	33.04 0.87 0.00	36.53 0.43 0.01	38.87 0.58 0.00	37.82 0.81 0.00	38.94 1.46 0.00	40.22 2.53 0.00	39.84 1.82 0.00	39.63 1.82 0.00	40.96 1.99 0.00	40.65 2.08 0.00	41.32 1.82 0.00	46.12 1.86 0.00	57.67 2.11 0.00	66.27 1.74 0.01	63.25 1.60 0.01	47.27 1.24 0.01	42.58 1.24 0.00	39.89 0.86 0.00	36.96 1.32 0.00
LITTLE FALLS____HYD 24013	37.52 0.41 0.00	33.77 0.33 0.00	31.43 0.28 0.00	30.46 0.24 0.00	30.97 0.31 0.00	32.56 0.39 0.00	36.54 0.43 0.00	38.75 0.46 0.00	37.41 0.41 0.00	37.89 0.41 0.00	38.19 0.49 0.00	38.59 0.57 0.00	38.42 0.61 0.00	39.59 0.62 0.00	39.23 0.66 0.00	40.17 0.67 0.00	45.01 0.75 0.00	56.28 0.72 0.00	65.31 0.77 0.00	62.46 0.80 0.00	46.59 0.55 0.00	41.88 0.54 0.00	39.50 0.47 0.00	35.96 0.32 0.00

LITTLRIV_115KV_TB1 356100	37.97 0.85 0.00	34.20 0.77 0.00	31.89 0.75 0.00	30.92 0.70 0.00	31.43 0.77 0.00	33.01 0.84 0.00	37.19 1.08 0.00	39.21 0.92 0.00	37.71 0.70 0.00	38.04 0.56 0.00	38.41 0.72 0.00	38.70 0.68 0.00	38.19 0.38 0.00	39.36 0.39 0.00	38.88 0.31 0.00	39.86 0.36 0.00	44.70 0.44 0.00	56.23 0.67 0.00	65.57 1.03 0.00	62.83 1.17 0.00	47.32 1.29 0.00	42.45 1.12 0.00	40.12 1.09 0.00	36.46 0.82 0.00
LI_NEWBRDGE___DRP 323616	38.60 1.48 0.00	34.57 1.14 0.00	32.05 0.90 0.00	30.95 0.73 0.00	31.40 0.74 0.00	33.07 0.90 0.00	36.67 0.58 0.01	38.94 0.65 0.00	38.00 1.00 0.00	38.86 1.39 0.00	39.47 1.77 0.00	39.81 1.79 0.00	39.86 2.04 0.00	40.92 1.95 0.00	40.69 2.12 0.00	41.24 1.74 0.00	46.03 1.77 0.00	57.62 2.06 0.00	66.40 1.87 0.01	63.38 1.73 0.01	47.31 1.29 0.01	42.70 1.36 0.00	40.28 1.25 0.00	36.85 1.21 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.89 -1.22 0.00	32.90 -0.53 0.00	30.87 -0.28 0.00	29.83 -0.39 0.00	30.42 -0.25 0.00	31.30 -0.87 0.00	35.06 -1.05 0.00	37.68 -0.61 0.00	36.12 -0.89 0.00	36.54 -0.94 0.00	35.89 -1.81 0.00	36.31 -1.71 0.00	36.42 -1.40 0.00	37.30 -1.68 0.00	36.72 -1.85 0.00	37.29 -2.21 0.00	40.63 -3.63 0.00	50.44 -5.11 0.00	60.08 -4.45 0.00	57.46 -4.19 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.12 -1.91 0.00	35.11 -0.53 0.00
LOCKPORT___CC1 323769	35.92 -1.19 0.00	32.90 -0.54 0.00	31.05 -0.09 0.00	29.86 -0.36 0.00	30.39 -0.28 0.00	31.34 -0.84 0.00	35.05 -1.05 0.00	37.68 -0.61 0.00	36.12 -0.89 0.00	36.54 -0.94 0.00	35.81 -1.88 0.00	36.31 -1.71 0.00	36.95 -0.87 0.00	37.34 -1.64 0.00	36.80 -1.77 0.00	37.29 -2.21 0.00	40.63 -3.63 0.00	50.50 -5.06 0.00	60.14 -4.39 0.00	57.46 -4.19 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.32 -1.72 0.00	35.07 -0.57 0.00
LOCKPORT___CC2 323770	35.92 -1.19 0.00	32.90 -0.54 0.00	31.05 -0.09 0.00	29.86 -0.36 0.00	30.39 -0.28 0.00	31.34 -0.84 0.00	35.05 -1.05 0.00	37.68 -0.61 0.00	36.12 -0.89 0.00	36.54 -0.94 0.00	35.81 -1.88 0.00	36.31 -1.71 0.00	36.95 -0.87 0.00	37.34 -1.64 0.00	36.80 -1.77 0.00	37.29 -2.21 0.00	40.63 -3.63 0.00	50.50 -5.06 0.00	60.14 -4.39 0.00	57.46 -4.19 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.32 -1.72 0.00	35.07 -0.57 0.00
LOCKPORT___CC3 323771	35.92 -1.19 0.00	32.90 -0.54 0.00	31.05 -0.09 0.00	29.86 -0.36 0.00	30.39 -0.28 0.00	31.34 -0.84 0.00	35.05 -1.05 0.00	37.68 -0.61 0.00	36.12 -0.89 0.00	36.54 -0.94 0.00	35.81 -1.88 0.00	36.31 -1.71 0.00	36.95 -0.87 0.00	37.34 -1.64 0.00	36.80 -1.77 0.00	37.29 -2.21 0.00	40.63 -3.63 0.00	50.50 -5.06 0.00	60.14 -4.39 0.00	57.46 -4.19 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.32 -1.72 0.00	35.07 -0.57 0.00
LOCUSVLY_69_KV_BK2 55797	39.01 1.89 0.00	34.97 1.54 0.00	32.42 1.28 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.46 1.29 0.00	37.18 1.08 0.00	39.48 1.19 0.00	38.49 1.48 0.00	39.35 1.87 0.00	39.92 2.22 0.00	40.26 2.24 0.00	40.27 2.46 0.00	41.43 2.46 0.00	41.16 2.58 0.00	41.75 2.25 0.00	46.65 2.39 0.00	58.28 2.72 0.00	67.24 2.71 0.00	64.18 2.53 0.00	47.87 1.84 0.00	43.28 1.94 0.00	40.79 1.76 0.00	37.24 1.60 0.00
LONG_LAKE_PHOENIX 24014	36.45 -0.67 0.00	32.83 -0.60 0.00	30.56 -0.59 0.00	29.68 -0.54 0.00	30.11 -0.55 0.00	31.53 -0.64 0.00	35.42 -0.69 0.00	37.68 -0.61 0.00	36.41 -0.59 0.00	36.88 -0.60 0.00	36.98 -0.72 0.00	37.26 -0.76 0.00	37.13 -0.68 0.00	38.23 -0.74 0.00	37.88 -0.69 0.00	38.79 -0.71 0.00	43.24 -1.02 0.00	54.28 -1.28 0.00	63.25 -1.29 0.00	60.49 -1.17 0.00	45.11 -0.92 0.00	40.51 -0.83 0.00	38.37 -0.66 0.00	35.07 -0.57 0.00
LOVETT___3 23632	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.74 1.07 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.09 1.61 0.00	39.51 1.81 0.00	39.88 1.86 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.62 2.04 0.00	41.56 2.05 0.00	46.65 2.39 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
LOVETT___4 23642	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.74 1.07 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.09 1.61 0.00	39.51 1.81 0.00	39.88 1.86 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.62 2.04 0.00	41.56 2.05 0.00	46.65 2.39 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
LOVETT___5 23593	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.74 1.07 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.09 1.61 0.00	39.51 1.81 0.00	39.88 1.86 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.62 2.04 0.00	41.56 2.05 0.00	46.65 2.39 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
LOWER RAQUET___HYD 24057	37.67 0.56 0.00	33.94 0.50 0.00	31.64 0.50 0.00	30.68 0.45 0.00	31.18 0.52 0.00	32.75 0.58 0.00	36.90 0.79 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.93 0.45 0.00	38.26 0.57 0.00	38.55 0.53 0.00	38.08 0.27 0.00	39.25 0.27 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.73 0.17 0.00	64.86 0.32 0.00	62.09 0.43 0.00	46.82 0.78 0.00	42.08 0.74 0.00	39.77 0.74 0.00	36.17 0.54 0.00
LOWER___HUDSON 24059	38.23 1.11 0.00	34.40 0.97 0.00	32.05 0.90 0.00	31.04 0.82 0.00	31.49 0.83 0.00	33.07 0.90 0.00	37.15 1.05 0.00	39.25 0.96 0.00	37.93 0.93 0.00	38.41 0.94 0.00	38.72 1.02 0.00	39.01 0.99 0.00	38.72 0.91 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.65 1.15 0.00	45.81 1.55 0.00	57.62 2.06 0.00	66.80 2.26 0.00	63.69 2.03 0.00	47.60 1.57 0.00	42.66 1.32 0.00	40.12 1.09 0.00	36.56 0.93 0.00
LOWVILLE_115KV_TB2 356335	37.48 0.37 0.00	33.77 0.33 0.00	31.36 0.22 0.00	30.43 0.21 0.00	30.94 0.28 0.00	32.49 0.32 0.00	36.61 0.51 0.00	39.09 0.80 0.00	37.67 0.67 0.00	37.89 0.41 0.00	38.11 0.41 0.00	38.32 0.30 0.00	38.08 0.26 0.00	39.21 0.23 0.00	38.84 0.27 0.00	39.86 0.36 0.00	44.75 0.49 0.00	56.34 0.78 0.00	65.25 0.71 0.00	62.58 0.92 0.00	46.91 0.87 0.00	42.08 0.74 0.00	39.70 0.66 0.00	35.96 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.49 1.37 0.00	34.67 1.24 0.00	32.30 1.15 0.00	31.25 1.03 0.00	31.71 1.04 0.00	33.30 1.13 0.00	37.33 1.23 0.00	39.48 1.19 0.00	38.08 1.07 0.00	38.53 1.05 0.00	38.75 1.06 0.00	39.01 0.99 0.00	38.76 0.95 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.69 1.19 0.00	45.94 1.68 0.00	57.84 2.28 0.00	67.25 2.71 0.00	64.13 2.47 0.00	47.97 1.93 0.00	42.87 1.53 0.00	40.44 1.41 0.00	36.78 1.14 0.00

LUTHERNY_35_KV_BK2 355980	38.49 1.37 0.00	34.67 1.24 0.00	32.33 1.18 0.00	31.28 1.06 0.00	31.74 1.07 0.00	33.33 1.16 0.00	37.37 1.26 0.00	39.48 1.19 0.00	38.08 1.07 0.00	38.53 1.05 0.00	38.79 1.09 0.00	39.05 1.03 0.00	38.80 0.98 0.00	40.02 1.05 0.00	39.69 1.12 0.00	40.73 1.22 0.00	45.99 1.73 0.00	57.89 2.33 0.00	67.25 2.71 0.00	64.13 2.47 0.00	47.97 1.93 0.00	42.91 1.57 0.00	40.44 1.41 0.00	36.82 1.18 0.00
LWR___OSWEGATCHIE_HYD 23850	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.68 0.58 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.36 0.34 0.00	37.97 0.15 0.00	39.13 0.16 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.84 0.28 0.00	64.86 0.32 0.00	62.21 0.55 0.00	46.77 0.74 0.00	42.08 0.74 0.00	39.73 0.70 0.00	36.07 0.43 0.00
LYONS_FALL_HYD 23570	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.64 0.54 0.00	39.06 0.77 0.00	37.67 0.67 0.00	37.93 0.45 0.00	38.19 0.49 0.00	38.40 0.38 0.00	38.19 0.38 0.00	39.32 0.35 0.00	38.96 0.39 0.00	39.94 0.44 0.00	44.84 0.57 0.00	56.39 0.83 0.00	65.37 0.84 0.00	62.71 1.05 0.00	46.95 0.92 0.00	42.12 0.78 0.00	39.73 0.70 0.00	36.07 0.43 0.00
MADISON___COUNTY_LFGE 323628	37.71 0.59 0.00	34.00 0.57 0.00	31.61 0.47 0.00	30.68 0.45 0.00	31.15 0.49 0.00	32.69 0.51 0.00	36.72 0.61 0.00	39.06 0.77 0.00	37.67 0.67 0.00	38.00 0.52 0.00	38.19 0.49 0.00	38.48 0.46 0.00	38.31 0.49 0.00	39.44 0.47 0.00	39.11 0.54 0.00	40.09 0.59 0.00	44.93 0.66 0.00	56.39 0.83 0.00	65.70 1.16 0.00	62.95 1.29 0.00	47.05 1.01 0.00	42.17 0.83 0.00	39.81 0.78 0.00	36.25 0.61 0.00
MALONE___115KV_TB1 356076	37.74 0.63 0.00	34.00 0.57 0.00	31.74 0.59 0.00	30.83 0.60 0.00	31.34 0.67 0.00	32.95 0.77 0.00	37.08 0.97 0.00	39.06 0.77 0.00	37.71 0.70 0.00	38.23 0.75 0.00	38.57 0.87 0.00	38.89 0.87 0.00	38.31 0.49 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.32 0.00	44.75 0.49 0.00	56.50 0.94 0.00	65.70 1.16 0.00	62.77 1.11 0.00	47.00 0.97 0.00	42.00 0.66 0.00	39.77 0.74 0.00	36.25 0.61 0.00
MAPLEWOD_115KV_TB3 80458	37.97 0.85 0.00	34.17 0.74 0.00	31.86 0.72 0.00	30.86 0.63 0.00	31.31 0.64 0.00	32.91 0.74 0.00	36.90 0.79 0.00	39.02 0.73 0.00	37.71 0.70 0.00	38.19 0.71 0.00	38.49 0.79 0.00	38.78 0.76 0.00	38.57 0.76 0.00	39.79 0.82 0.00	39.46 0.89 0.00	40.45 0.95 0.00	45.54 1.28 0.00	57.23 1.67 0.00	66.28 1.74 0.00	63.20 1.54 0.00	47.28 1.24 0.00	42.41 1.07 0.00	39.89 0.86 0.00	36.32 0.68 0.00
MAPLE_RIDGE_WT_1 323574	36.59 -0.52 0.00	32.97 -0.47 0.00	30.74 -0.41 0.00	29.89 -0.33 0.00	30.36 -0.31 0.00	31.88 -0.29 0.00	35.81 -0.29 0.00	37.95 -0.35 0.00	36.71 -0.30 0.00	37.25 -0.22 0.00	37.59 -0.11 0.00	37.94 -0.08 0.00	37.70 -0.11 0.00	38.85 -0.12 0.00	38.42 -0.15 0.00	39.30 -0.20 0.00	44.04 -0.22 0.00	55.23 -0.33 0.00	64.02 -0.52 0.00	61.04 -0.62 0.00	45.57 -0.46 0.00	40.88 -0.45 0.00	38.60 -0.43 0.00	35.25 -0.39 0.00
MAPLE_RIDGE_WT_2 323611	36.59 -0.52 0.00	32.97 -0.47 0.00	30.74 -0.41 0.00	29.89 -0.33 0.00	30.36 -0.31 0.00	31.88 -0.29 0.00	35.81 -0.29 0.00	37.95 -0.35 0.00	36.71 -0.30 0.00	37.25 -0.22 0.00	37.59 -0.11 0.00	37.94 -0.08 0.00	37.70 -0.11 0.00	38.85 -0.12 0.00	38.42 -0.15 0.00	39.30 -0.20 0.00	44.04 -0.22 0.00	55.23 -0.33 0.00	64.02 -0.52 0.00	61.04 -0.62 0.00	45.57 -0.46 0.00	40.88 -0.45 0.00	38.60 -0.43 0.00	35.25 -0.39 0.00
MARBLE_RIVER_WT_PWR 323696	37.41 0.30 0.00	33.70 0.27 0.00	31.55 0.40 0.00	30.71 0.48 0.00	31.24 0.58 0.00	32.85 0.68 0.00	36.93 0.83 0.00	38.94 0.65 0.00	37.60 0.59 0.00	38.19 0.71 0.00	38.53 0.83 0.00	38.78 0.76 0.00	38.15 0.34 0.00	39.28 0.31 0.00	38.65 0.08 0.00	39.58 0.08 0.00	44.53 0.27 0.00	56.28 0.72 0.00	65.37 0.84 0.00	62.34 0.68 0.00	46.40 0.37 0.00	41.34 0.00 0.00	39.11 0.08 0.00	35.75 0.11 0.00
MARSHVLE_115KV_TB1 80742	38.64 1.52 0.00	34.80 1.37 0.00	32.42 1.28 0.00	31.37 1.15 0.00	31.83 1.17 0.00	33.46 1.29 0.00	37.51 1.41 0.00	39.67 1.38 0.00	37.75 0.74 0.00	37.81 0.34 0.00	37.74 0.04 0.00	37.98 -0.04 0.00	37.81 0.00 0.00	39.05 0.08 0.00	38.92 0.35 0.00	40.17 0.67 0.00	45.68 1.42 0.00	57.84 2.28 0.00	67.76 3.23 0.00	64.68 3.02 0.00	48.38 2.35 0.00	43.20 1.86 0.00	40.79 1.76 0.00	36.99 1.35 0.00
MARSH_HILL_WT_PWR 323713	36.78 -0.33 0.00	33.23 -0.20 0.00	31.05 -0.09 0.00	30.07 -0.15 0.00	30.45 -0.21 0.00	31.75 -0.42 0.00	35.63 -0.47 0.00	38.18 -0.11 0.00	36.67 -0.33 0.00	36.95 -0.52 0.00	36.38 -1.32 0.00	36.80 -1.22 0.00	37.21 -0.61 0.00	37.92 -1.05 0.00	37.57 -1.00 0.00	38.32 -1.18 0.00	42.49 -1.77 0.00	53.67 -1.89 0.00	63.31 -1.23 0.00	60.30 -1.36 0.00	44.56 -1.47 0.00	39.89 -1.45 0.00	38.49 -0.55 0.00	35.53 -0.11 0.00
MCINTYRE_115KV_TB2 80467	38.08 0.96 0.00	34.30 0.87 0.00	31.99 0.84 0.00	31.01 0.79 0.00	31.49 0.83 0.00	33.11 0.93 0.00	37.26 1.16 0.00	39.25 0.96 0.00	37.75 0.74 0.00	38.00 0.52 0.00	38.38 0.68 0.00	38.67 0.65 0.00	38.16 0.34 0.00	39.36 0.39 0.00	38.84 0.27 0.00	39.86 0.36 0.00	44.79 0.53 0.00	56.50 0.94 0.00	65.89 1.36 0.00	63.20 1.54 0.00	47.51 1.47 0.00	42.58 1.24 0.00	40.24 1.21 0.00	36.57 0.93 0.00
MECO_____69_KV_BK1 80468	39.12 2.00 0.00	35.24 1.81 0.00	32.86 1.71 0.00	31.76 1.54 0.00	32.23 1.56 0.00	33.88 1.71 0.00	37.98 1.88 0.00	40.13 1.84 0.00	38.19 1.18 0.00	38.23 0.75 0.00	38.15 0.45 0.00	38.32 0.30 0.00	38.12 0.30 0.00	39.40 0.43 0.00	39.23 0.66 0.00	40.53 1.03 0.00	46.21 1.95 0.00	58.67 3.11 0.00	68.73 4.19 0.00	65.54 3.88 0.00	49.07 3.04 0.00	43.69 2.36 0.00	41.30 2.26 0.00	37.46 1.82 0.00
MENANDS___115KV_TB5 355628	37.78 0.67 0.00	34.00 0.57 0.00	31.71 0.56 0.00	30.74 0.51 0.00	31.19 0.52 0.00	32.75 0.58 0.00	36.72 0.61 0.00	38.86 0.57 0.00	37.56 0.56 0.00	38.08 0.60 0.00	38.38 0.68 0.00	38.63 0.61 0.00	38.42 0.61 0.00	39.63 0.66 0.00	39.34 0.77 0.00	40.29 0.79 0.00	45.32 1.06 0.00	56.95 1.39 0.00	65.89 1.36 0.00	62.89 1.23 0.00	47.00 0.97 0.00	42.21 0.87 0.00	39.66 0.62 0.00	36.14 0.50 0.00
MG INDUSTRY___DRP 24185	37.89 0.78 0.00	34.14 0.70 0.00	31.83 0.69 0.00	30.86 0.63 0.00	31.31 0.64 0.00	32.85 0.68 0.00	36.79 0.69 0.00	38.94 0.65 0.00	37.60 0.59 0.00	38.04 0.56 0.00	38.30 0.60 0.00	38.55 0.53 0.00	38.34 0.53 0.00	39.56 0.58 0.00	39.23 0.66 0.00	40.21 0.71 0.00	45.28 1.02 0.00	56.89 1.33 0.00	65.89 1.36 0.00	62.89 1.23 0.00	47.05 1.01 0.00	42.25 0.91 0.00	39.77 0.74 0.00	36.28 0.64 0.00

MID___OSWEGATCHIE_HYD 23849	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.68 0.58 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.36 0.34 0.00	37.97 0.15 0.00	39.13 0.16 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.84 0.28 0.00	64.86 0.32 0.00	62.21 0.55 0.00	46.77 0.74 0.00	42.08 0.74 0.00	39.73 0.70 0.00	36.07 0.43 0.00
MID___RAQUETTE_HYD 23851	37.67 0.56 0.00	33.94 0.50 0.00	31.65 0.50 0.00	30.68 0.45 0.00	31.19 0.52 0.00	32.75 0.58 0.00	36.90 0.79 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.93 0.45 0.00	38.26 0.57 0.00	38.55 0.53 0.00	38.08 0.26 0.00	39.24 0.27 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.73 0.17 0.00	64.86 0.32 0.00	62.09 0.43 0.00	46.82 0.78 0.00	42.08 0.74 0.00	39.77 0.74 0.00	36.17 0.53 0.00
MILLIKEN___1 23584	37.56 0.45 0.00	33.84 0.40 0.00	31.43 0.28 0.00	30.56 0.33 0.00	30.97 0.31 0.00	32.46 0.29 0.00	36.50 0.40 0.00	38.90 0.61 0.00	37.52 0.52 0.00	37.85 0.37 0.00	37.85 0.15 0.00	38.13 0.11 0.00	38.04 0.23 0.00	39.13 0.16 0.00	38.76 0.19 0.00	39.78 0.28 0.00	44.44 0.18 0.00	55.95 0.39 0.00	65.44 0.90 0.00	62.65 0.99 0.00	46.63 0.60 0.00	41.79 0.45 0.00	39.58 0.55 0.00	36.17 0.53 0.00
MILLIKEN___2 23585	37.56 0.45 0.00	33.84 0.40 0.00	31.43 0.28 0.00	30.56 0.33 0.00	30.97 0.31 0.00	32.46 0.29 0.00	36.50 0.40 0.00	38.90 0.61 0.00	37.52 0.52 0.00	37.85 0.37 0.00	37.85 0.15 0.00	38.13 0.11 0.00	38.04 0.23 0.00	39.13 0.16 0.00	38.76 0.19 0.00	39.78 0.28 0.00	44.44 0.18 0.00	55.95 0.39 0.00	65.44 0.90 0.00	62.65 0.99 0.00	46.63 0.60 0.00	41.79 0.45 0.00	39.58 0.55 0.00	36.17 0.53 0.00
MILLIKEN___DIESEL 23629	37.56 0.45 0.00	33.84 0.40 0.00	31.43 0.28 0.00	30.56 0.33 0.00	30.97 0.31 0.00	32.46 0.29 0.00	36.50 0.40 0.00	38.90 0.61 0.00	37.52 0.52 0.00	37.85 0.37 0.00	37.85 0.15 0.00	38.13 0.11 0.00	38.04 0.23 0.00	39.13 0.16 0.00	38.76 0.19 0.00	39.78 0.28 0.00	44.44 0.18 0.00	55.95 0.39 0.00	65.44 0.90 0.00	62.65 0.99 0.00	46.63 0.60 0.00	41.79 0.45 0.00	39.58 0.55 0.00	36.17 0.53 0.00
MILLSEAT___LFGE 323607	36.52 -0.60 0.00	33.40 -0.03 0.00	31.43 0.28 0.00	30.22 0.00 0.00	30.79 0.12 0.00	31.79 -0.38 0.00	35.60 -0.51 0.00	38.25 -0.04 0.00	36.64 -0.37 0.00	37.10 -0.37 0.00	36.42 -1.28 0.00	36.92 -1.10 0.00	37.44 -0.38 0.00	37.96 -1.01 0.00	37.42 -1.16 0.00	37.96 -1.54 0.00	41.51 -2.74 0.00	51.72 -3.83 0.00	61.57 -2.97 0.00	58.88 -2.77 0.00	43.31 -2.72 0.00	38.98 -2.35 0.00	38.06 -0.97 0.00	35.64 0.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.75 1.63 0.00	34.87 1.44 0.00	32.36 1.21 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.44 1.34 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.55 1.85 0.00	39.92 1.90 0.00	39.78 1.97 0.00	41.04 2.07 0.00	40.69 2.12 0.00	41.60 2.09 0.00	46.70 2.43 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.71 1.68 0.00	37.10 1.46 0.00
MILLWOOD_13_KV_LOAD 356217	38.82 1.71 0.00	34.94 1.50 0.00	32.42 1.28 0.00	31.40 1.18 0.00	31.83 1.17 0.00	33.56 1.38 0.00	37.47 1.37 0.00	39.78 1.49 0.00	38.60 1.59 0.00	39.20 1.72 0.00	39.62 1.92 0.00	40.00 1.98 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.67 2.17 0.00	46.78 2.52 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.14 1.50 0.00
MODEL_CITY_ENERGY 24167	35.59 -1.52 0.00	32.77 -0.67 0.00	30.96 -0.19 0.00	29.59 -0.64 0.00	30.26 -0.40 0.00	31.05 -1.13 0.00	34.77 -1.34 0.00	37.33 -0.96 0.00	35.82 -1.19 0.00	36.24 -1.24 0.00	35.47 -2.22 0.00	36.00 -2.02 0.00	36.64 -1.17 0.00	36.99 -1.99 0.00	36.49 -2.08 0.00	36.93 -2.57 0.00	40.19 -4.07 0.00	49.95 -5.61 0.00	59.43 -5.10 0.00	56.85 -4.81 0.00	41.75 -4.28 0.00	37.62 -3.72 0.00	36.92 -2.11 0.00	34.89 -0.75 0.00
MODERN_LFGE___ 323580	35.59 -1.52 0.00	32.77 -0.67 0.00	30.96 -0.19 0.00	29.59 -0.64 0.00	30.26 -0.40 0.00	31.05 -1.13 0.00	34.77 -1.34 0.00	37.33 -0.96 0.00	35.82 -1.19 0.00	36.24 -1.24 0.00	35.47 -2.22 0.00	36.00 -2.02 0.00	36.64 -1.17 0.00	36.99 -1.99 0.00	36.49 -2.08 0.00	36.93 -2.57 0.00	40.19 -4.07 0.00	49.95 -5.61 0.00	59.43 -5.10 0.00	56.85 -4.81 0.00	41.75 -4.28 0.00	37.62 -3.72 0.00	36.92 -2.11 0.00	34.89 -0.75 0.00
MOHAWK_PAPER___DRP 24187	37.97 0.85 0.00	34.17 0.74 0.00	31.86 0.72 0.00	30.86 0.63 0.00	31.31 0.64 0.00	32.91 0.74 0.00	36.90 0.79 0.00	39.02 0.73 0.00	37.71 0.70 0.00	38.19 0.71 0.00	38.49 0.79 0.00	38.78 0.76 0.00	38.57 0.76 0.00	39.79 0.82 0.00	39.46 0.89 0.00	40.45 0.95 0.00	45.54 1.28 0.00	57.23 1.67 0.00	66.28 1.74 0.00	63.20 1.54 0.00	47.28 1.24 0.00	42.41 1.07 0.00	39.89 0.86 0.00	36.32 0.68 0.00
MOHICAN___35_KV_115KV_LD 80490	38.41 1.30 0.00	34.57 1.14 0.00	32.24 1.09 0.00	31.19 0.97 0.00	31.65 0.98 0.00	33.20 1.03 0.00	37.22 1.12 0.00	39.32 1.03 0.00	37.86 0.85 0.00	38.34 0.86 0.00	38.57 0.87 0.00	38.78 0.76 0.00	38.50 0.68 0.00	39.67 0.70 0.00	39.38 0.81 0.00	40.45 0.95 0.00	45.77 1.50 0.00	57.73 2.17 0.00	67.25 2.71 0.00	64.06 2.40 0.00	47.97 1.93 0.00	42.74 1.41 0.00	40.36 1.33 0.00	36.67 1.03 0.00
MONGAUP___HYD 23641	38.93 1.82 0.00	35.04 1.60 0.00	32.58 1.43 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.86 1.57 0.00	38.60 1.59 0.00	39.09 1.61 0.00	39.40 1.70 0.00	39.73 1.71 0.00	39.48 1.66 0.00	40.84 1.87 0.00	40.50 1.93 0.00	41.55 2.05 0.00	46.78 2.52 0.00	58.84 3.28 0.00	68.21 3.68 0.00	65.11 3.45 0.00	48.61 2.58 0.00	43.69 2.36 0.00	40.91 1.87 0.00	37.35 1.71 0.00
MONTAUK___DIESEL 23721	38.56 1.45 0.00	34.34 0.90 0.00	31.68 0.53 0.00	30.53 0.30 0.00	30.94 0.28 0.00	32.56 0.39 0.00	35.55 -0.54 0.01	37.91 -0.38 0.00	37.08 0.07 0.00	38.23 0.75 0.00	39.36 1.66 0.00	39.50 1.48 0.00	39.63 1.82 0.00	40.73 1.75 0.00	40.50 1.93 0.00	40.92 1.42 0.00	45.28 1.02 0.00	56.73 1.17 0.00	65.18 0.65 0.01	62.21 0.55 0.01	46.39 0.37 0.01	41.88 0.54 0.00	39.50 0.47 0.00	36.46 0.82 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.33 -0.78 0.00	33.00 -0.43 0.00	30.90 -0.25 0.00	29.95 -0.27 0.00	30.33 -0.34 0.00	31.56 -0.61 0.00	35.38 -0.72 0.00	38.14 -0.15 0.00	36.64 -0.37 0.00	37.18 -0.30 0.00	36.53 -1.17 0.00	36.99 -1.03 0.00	37.29 -0.53 0.00	38.19 -0.78 0.00	37.68 -0.89 0.00	38.40 -1.11 0.00	42.22 -2.04 0.00	52.67 -2.89 0.00	62.21 -2.32 0.00	59.37 -2.28 0.00	43.50 -2.53 0.00	38.90 -2.44 0.00	37.82 -1.21 0.00	35.32 -0.32 0.00

MORRIS_RIDGE___SOLAR 323848	36.45 -0.67 0.00	33.03 -0.40 0.00	30.99 -0.15 0.00	29.98 -0.24 0.00	30.39 -0.28 0.00	31.66 -0.52 0.00	35.45 -0.65 0.00	38.02 -0.27 0.00	36.45 -0.55 0.00	36.62 -0.86 0.00	36.04 -1.66 0.00	36.42 -1.60 0.00	36.87 -0.94 0.00	37.49 -1.48 0.00	37.11 -1.47 0.00	37.76 -1.74 0.00	41.78 -2.48 0.00	52.67 -2.89 0.00	62.34 -2.19 0.00	59.50 -2.16 0.00	43.91 -2.12 0.00	39.36 -1.98 0.00	38.09 -0.94 0.00	35.32 -0.32 0.00
MORTIMER_115KV_TB3 55949	36.71 -0.41 0.00	33.17 -0.27 0.00	30.93 -0.22 0.00	30.10 -0.12 0.00	30.48 -0.18 0.00	31.85 -0.32 0.00	35.70 -0.40 0.00	38.25 -0.04 0.00	36.75 -0.26 0.00	37.29 -0.19 0.00	37.09 -0.60 0.00	37.49 -0.53 0.00	37.44 -0.38 0.00	38.50 -0.47 0.00	37.99 -0.58 0.00	38.83 -0.67 0.00	42.85 -1.42 0.00	53.50 -2.06 0.00	63.05 -1.48 0.00	60.30 -1.36 0.00	44.70 -1.33 0.00	40.14 -1.20 0.00	38.45 -0.59 0.00	35.50 -0.14 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.73 2.04 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
MUNSVILLE_WIND_PWR 323609	38.89 1.78 0.00	35.07 1.64 0.00	32.61 1.46 0.00	31.61 1.39 0.00	32.08 1.41 0.00	33.65 1.48 0.00	37.94 1.84 0.00	40.47 2.18 0.00	38.97 1.96 0.00	39.01 1.54 0.00	39.05 1.36 0.00	39.24 1.22 0.00	39.14 1.32 0.00	40.18 1.21 0.00	39.88 1.31 0.00	40.96 1.46 0.00	45.99 1.72 0.00	58.12 2.56 0.00	68.28 3.74 0.00	65.66 4.01 0.00	49.02 2.99 0.00	43.65 2.31 0.00	41.26 2.22 0.00	37.35 1.71 0.00
N SALMON___HYD 24042	37.74 0.63 0.00	34.00 0.57 0.00	31.74 0.59 0.00	30.83 0.60 0.00	31.34 0.67 0.00	32.94 0.77 0.00	37.08 0.98 0.00	39.06 0.77 0.00	37.71 0.70 0.00	38.23 0.75 0.00	38.57 0.87 0.00	38.89 0.88 0.00	38.31 0.49 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.75 0.49 0.00	56.50 0.94 0.00	65.70 1.16 0.00	62.77 1.11 0.00	47.00 0.97 0.00	42.00 0.66 0.00	39.77 0.74 0.00	36.24 0.61 0.00
N.AKRON___115KV_KNAPP 355671	36.41 -0.71 0.00	33.33 -0.10 0.00	31.21 0.06 0.00	30.19 -0.03 0.00	30.76 0.09 0.00	31.72 -0.45 0.00	35.56 -0.54 0.00	38.21 -0.08 0.00	36.60 -0.41 0.00	37.06 -0.41 0.00	36.45 -1.24 0.00	36.84 -1.18 0.00	36.91 -0.91 0.00	37.88 -1.09 0.00	37.30 -1.27 0.00	37.92 -1.58 0.00	41.43 -2.83 0.00	51.56 -4.00 0.00	61.44 -3.10 0.00	58.70 -2.96 0.00	43.18 -2.85 0.00	38.82 -2.52 0.00	37.82 -1.21 0.00	35.60 -0.04 0.00
N.E_GEN_SANDY PD 24062	38.34 1.22 0.00	34.54 1.10 0.00	32.11 0.97 0.00	31.10 0.88 0.00	31.55 0.89 0.00	33.17 1.00 0.00	37.26 1.15 0.00	39.36 1.07 0.00	38.11 1.11 0.00	38.60 1.12 0.00	38.98 1.28 0.00	39.31 1.29 0.00	39.02 1.21 0.00	40.33 1.36 0.00	40.00 1.43 0.00	40.96 1.46 0.00	46.12 1.86 0.00	57.95 2.39 0.00	66.93 2.39 0.00	63.88 2.22 0.00	47.74 1.70 0.00	42.87 1.53 0.00	40.20 1.17 0.00	36.67 1.03 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.75 1.63 0.00	34.87 1.44 0.00	32.36 1.21 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.52 1.35 0.00	37.44 1.34 0.00	39.75 1.46 0.00	38.60 1.59 0.00	39.16 1.69 0.00	39.55 1.85 0.00	39.96 1.94 0.00	39.78 1.97 0.00	41.04 2.07 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.74 2.48 0.00	58.62 3.06 0.00	67.76 3.23 0.00	64.68 3.02 0.00	48.29 2.26 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.14 1.50 0.00
N.QUEENS_27_KV_LOAD 356247	38.89 1.78 0.00	35.07 1.64 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.80 1.13 0.00	33.59 1.42 0.00	37.40 1.30 0.00	39.63 1.34 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.66 1.96 0.00	40.07 2.05 0.00	39.93 2.12 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.71 2.21 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.24 2.71 0.01	64.18 2.53 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.14 1.50 0.00
N.TROY___115KV_TB1 355778	38.23 1.11 0.00	34.40 0.97 0.00	32.05 0.90 0.00	31.04 0.82 0.00	31.49 0.83 0.00	33.07 0.90 0.00	37.15 1.05 0.00	39.25 0.96 0.00	37.93 0.93 0.00	38.41 0.94 0.00	38.72 1.02 0.00	39.01 0.99 0.00	38.80 0.98 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.65 1.15 0.00	45.81 1.55 0.00	57.62 2.06 0.00	66.80 2.26 0.00	63.69 2.03 0.00	47.60 1.57 0.00	42.70 1.36 0.00	40.12 1.09 0.00	36.57 0.93 0.00
NARROWS_GT1_1 24228	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT1_2 24229	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT1_3 24230	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT1_4 24231	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT1_5 24232	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00

NARROWS_GT1_6 24233	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT1_7 24234	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT1_8 24235	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_1 24236	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_2 24237	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_3 24238	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_4 24239	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_5 24240	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_6 24241	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_7 24242	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NARROWS_GT2_8 24243	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.23 1.11 0.00	34.44 1.00 0.00	32.11 0.97 0.00	31.10 0.88 0.00	31.55 0.89 0.00	33.07 0.90 0.00	37.00 0.90 0.00	39.09 0.80 0.00	37.67 0.67 0.00	38.11 0.64 0.00	38.38 0.68 0.00	38.55 0.53 0.00	38.34 0.53 0.00	39.59 0.62 0.00	39.30 0.73 0.00	40.41 0.91 0.00	45.63 1.37 0.00	57.56 2.00 0.00	66.80 2.26 0.00	63.69 2.03 0.00	47.64 1.61 0.00	42.66 1.32 0.00	40.09 1.05 0.00	36.57 0.93 0.00
NCHELSEA_115KV_TR2 355582	38.93 1.82 0.00	35.04 1.60 0.00	32.52 1.37 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.62 1.45 0.00	37.58 1.48 0.00	39.82 1.53 0.00	38.63 1.63 0.00	39.24 1.76 0.00	39.66 1.96 0.00	40.03 2.02 0.00	39.86 2.04 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.89 3.33 0.00	68.02 3.49 0.00	64.93 3.27 0.00	48.47 2.44 0.00	43.65 2.31 0.00	40.87 1.83 0.00	37.28 1.64 0.00
NEG CAPITAL___MECHNVIL 23645	38.56 1.45 0.00	34.74 1.30 0.00	32.36 1.21 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.36 1.19 0.00	37.44 1.34 0.00	39.55 1.26 0.00	38.15 1.15 0.00	38.64 1.16 0.00	38.90 1.21 0.00	39.16 1.14 0.00	38.87 1.06 0.00	40.14 1.17 0.00	39.81 1.23 0.00	40.85 1.34 0.00	46.12 1.86 0.00	58.00 2.44 0.00	67.44 2.91 0.00	64.31 2.65 0.00	48.06 2.02 0.00	42.99 1.66 0.00	40.48 1.45 0.00	36.89 1.25 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.07 -1.04 0.00	32.56 -0.87 0.00	30.40 -0.75 0.00	29.53 -0.69 0.00	29.90 -0.77 0.00	31.27 -0.90 0.00	35.09 -1.01 0.00	37.52 -0.77 0.00	36.12 -0.89 0.00	36.65 -0.82 0.00	36.49 -1.21 0.00	36.88 -1.14 0.00	37.02 -0.80 0.00	37.92 -1.05 0.00	37.42 -1.16 0.00	38.24 -1.27 0.00	42.32 -1.95 0.00	52.95 -2.61 0.00	62.28 -2.26 0.00	59.56 -2.10 0.00	44.14 -1.89 0.00	39.64 -1.70 0.00	37.94 -1.09 0.00	34.86 -0.78 0.00

NEG CENTRAL___DRP 24199	37.08 -0.04 0.00	33.40 -0.03 0.00	31.05 -0.09 0.00	30.22 0.00 0.00	30.63 -0.03 0.00	32.08 -0.10 0.00	36.03 -0.07 0.00	38.48 0.19 0.00	37.08 0.07 0.00	37.48 0.00 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.63 -0.19 0.00	38.70 -0.27 0.00	38.30 -0.27 0.00	39.19 -0.32 0.00	43.64 -0.62 0.00	54.95 -0.61 0.00	64.34 -0.19 0.00	61.60 -0.06 0.00	45.71 -0.32 0.00	40.97 -0.37 0.00	38.91 -0.12 0.00	35.78 0.14 0.00
NEG CENTRAL___INDECK 23768	37.78 0.67 0.00	34.14 0.70 0.00	31.86 0.72 0.00	30.95 0.72 0.00	31.31 0.64 0.00	32.69 0.51 0.00	36.72 0.61 0.00	39.40 1.11 0.00	37.63 0.63 0.00	37.81 0.34 0.00	37.28 -0.41 0.00	37.64 -0.38 0.00	37.97 0.15 0.00	38.74 -0.23 0.00	38.34 -0.23 0.00	39.23 -0.27 0.00	43.46 -0.80 0.00	54.83 -0.72 0.00	65.12 0.58 0.00	62.27 0.62 0.00	46.08 0.05 0.00	41.30 -0.04 0.00	39.65 0.62 0.00	36.60 0.96 0.00
NEG CENTRAL___SENECA 23627	37.19 0.07 0.00	33.53 0.10 0.00	31.18 0.03 0.00	30.34 0.12 0.00	30.76 0.09 0.00	32.17 0.00 0.00	36.17 0.07 0.00	38.71 0.42 0.00	37.23 0.22 0.00	37.59 0.11 0.00	37.40 -0.30 0.00	37.71 -0.30 0.00	37.66 -0.15 0.00	38.74 -0.23 0.00	38.34 -0.23 0.00	39.15 -0.36 0.00	43.55 -0.71 0.00	54.84 -0.72 0.00	64.47 -0.06 0.00	61.66 0.00 0.00	45.71 -0.32 0.00	40.93 -0.41 0.00	38.95 -0.08 0.00	35.92 0.29 0.00
NEG CENTRAL___STATE_STREET 24147	37.08 -0.04 0.00	33.37 -0.07 0.00	31.02 -0.12 0.00	30.16 -0.06 0.00	30.57 -0.09 0.00	32.04 -0.13 0.00	35.99 -0.11 0.00	38.41 0.11 0.00	37.04 0.04 0.00	37.44 -0.04 0.00	37.47 -0.23 0.00	37.79 -0.23 0.00	37.70 -0.11 0.00	38.82 -0.16 0.00	38.42 -0.15 0.00	39.34 -0.16 0.00	43.91 -0.35 0.00	55.28 -0.28 0.00	64.60 0.06 0.00	61.78 0.12 0.00	45.99 -0.05 0.00	41.21 -0.12 0.00	39.03 0.00 0.00	35.75 0.11 0.00
NEG MILLWOOD___DRP 24198	39.04 1.93 0.00	35.14 1.71 0.00	32.61 1.46 0.00	31.58 1.36 0.00	32.01 1.35 0.00	33.69 1.51 0.00	37.65 1.55 0.00	39.94 1.65 0.00	38.71 1.70 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.19 2.17 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.91 2.41 0.00	47.05 2.79 0.00	59.00 3.44 0.00	68.15 3.61 0.00	65.05 3.39 0.00	48.57 2.53 0.00	43.69 2.36 0.00	40.94 1.91 0.00	37.31 1.68 0.00
NEG NORTH_FLCN_SEA 23793	37.71 0.59 0.00	33.94 0.50 0.00	31.74 0.59 0.00	30.89 0.66 0.00	31.40 0.74 0.00	33.01 0.84 0.00	37.11 1.01 0.00	39.09 0.80 0.00	37.78 0.78 0.00	38.34 0.86 0.00	38.68 0.98 0.00	38.97 0.95 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.32 0.00	44.79 0.53 0.00	56.62 1.06 0.00	65.83 1.29 0.00	62.77 1.11 0.00	46.77 0.74 0.00	41.75 0.41 0.00	39.50 0.47 0.00	36.10 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	37.34 0.22 0.00	33.60 0.17 0.00	31.40 0.25 0.00	30.50 0.27 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.64 0.54 0.00	38.64 0.34 0.00	37.30 0.30 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.40 0.38 0.00	37.93 0.11 0.00	39.09 0.12 0.00	38.53 -0.04 0.00	39.46 -0.04 0.00	44.35 0.09 0.00	56.00 0.44 0.00	65.12 0.58 0.00	62.15 0.49 0.00	46.40 0.37 0.00	41.50 0.17 0.00	39.27 0.23 0.00	35.82 0.18 0.00
NEG NORTH___ALICE_FALLS 23915	37.74 0.63 0.00	33.97 0.53 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.40 0.74 0.00	33.01 0.84 0.00	37.15 1.05 0.00	39.09 0.80 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.32 0.00	44.84 0.58 0.00	56.73 1.17 0.00	65.96 1.42 0.00	62.89 1.23 0.00	46.95 0.92 0.00	41.83 0.50 0.00	39.62 0.59 0.00	36.17 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	37.74 0.63 0.00	33.97 0.53 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.40 0.74 0.00	33.01 0.84 0.00	37.15 1.05 0.00	39.09 0.80 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.32 0.00	44.84 0.58 0.00	56.73 1.17 0.00	65.96 1.42 0.00	62.89 1.23 0.00	46.95 0.92 0.00	41.83 0.50 0.00	39.62 0.59 0.00	36.17 0.53 0.00
NEG NORTH___PLATTSBURG 23628	37.74 0.63 0.00	33.97 0.53 0.00	31.77 0.62 0.00	30.89 0.66 0.00	31.40 0.73 0.00	33.01 0.84 0.00	37.15 1.05 0.00	39.10 0.81 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.84 0.57 0.00	56.73 1.17 0.00	65.96 1.42 0.00	62.89 1.23 0.00	46.95 0.92 0.00	41.84 0.50 0.00	39.62 0.59 0.00	36.17 0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	35.93 -1.19 0.00	32.87 -0.57 0.00	30.84 -0.31 0.00	29.86 -0.36 0.00	30.39 -0.28 0.00	31.34 -0.84 0.00	35.06 -1.05 0.00	37.68 -0.61 0.00	36.12 -0.89 0.00	36.54 -0.94 0.00	35.89 -1.81 0.00	36.31 -1.71 0.00	36.42 -1.40 0.00	37.33 -1.64 0.00	36.76 -1.81 0.00	37.29 -2.21 0.00	40.63 -3.63 0.00	50.44 -5.11 0.00	60.08 -4.45 0.00	57.46 -4.19 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.16 -1.87 0.00	35.07 -0.57 0.00
NEG WEST___LANCASTR 23811	35.74 -1.37 0.00	32.50 -0.94 0.00	30.43 -0.72 0.00	29.62 -0.60 0.00	30.02 -0.64 0.00	31.24 -0.93 0.00	34.98 -1.12 0.00	37.60 -0.69 0.00	36.19 -0.81 0.00	36.54 -0.94 0.00	35.89 -1.81 0.00	36.27 -1.75 0.00	36.42 -1.40 0.00	37.30 -1.68 0.00	36.80 -1.77 0.00	37.53 -1.98 0.00	41.42 -2.83 0.00	52.11 -3.44 0.00	61.18 -3.36 0.00	58.45 -3.21 0.00	43.31 -2.72 0.00	38.49 -2.85 0.00	37.31 -1.72 0.00	34.86 -0.78 0.00
NEG_PENN_ALLEGHNY 23528	37.34 0.22 0.00	33.67 0.24 0.00	31.39 0.25 0.00	30.46 0.24 0.00	30.88 0.22 0.00	32.33 0.16 0.00	36.28 0.18 0.00	38.71 0.42 0.00	37.41 0.41 0.00	37.78 0.30 0.00	37.70 0.00 0.00	38.10 0.08 0.00	38.08 0.27 0.00	39.09 0.12 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.26 0.00 0.00	55.61 0.06 0.00	64.93 0.39 0.00	62.09 0.43 0.00	46.17 0.14 0.00	41.42 0.08 0.00	39.31 0.28 0.00	36.00 0.36 0.00
NEG___GEN_MONROE 24207	36.82 -0.30 0.00	33.33 -0.10 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.63 -0.03 0.00	31.98 -0.19 0.00	35.81 -0.29 0.00	38.37 0.08 0.00	36.78 -0.22 0.00	37.29 -0.19 0.00	37.02 -0.68 0.00	37.41 -0.61 0.00	37.36 -0.45 0.00	38.39 -0.58 0.00	37.84 -0.73 0.00	38.63 -0.87 0.00	42.62 -1.64 0.00	53.12 -2.44 0.00	62.73 -1.81 0.00	59.99 -1.66 0.00	44.47 -1.57 0.00	39.93 -1.41 0.00	38.37 -0.66 0.00	35.60 -0.04 0.00
NEPA___ENERGY 23901	36.26 -0.85 0.00	32.97 -0.47 0.00	30.84 -0.31 0.00	30.01 -0.21 0.00	30.42 -0.25 0.00	31.69 -0.48 0.00	35.49 -0.61 0.00	38.21 -0.08 0.00	36.78 -0.22 0.00	37.06 -0.41 0.00	36.42 -1.28 0.00	36.88 -1.14 0.00	36.98 -0.83 0.00	37.88 -1.09 0.00	37.41 -1.16 0.00	38.20 -1.30 0.00	42.04 -2.21 0.00	52.56 -3.00 0.00	62.21 -2.32 0.00	59.44 -2.22 0.00	43.77 -2.26 0.00	39.15 -2.19 0.00	37.90 -1.13 0.00	35.35 -0.29 0.00

NEVERSINK___HYD 23608	39.12 2.00 0.00	35.20 1.77 0.00	32.73 1.59 0.00	31.64 1.42 0.00	32.08 1.41 0.00	33.78 1.61 0.00	37.73 1.63 0.00	40.05 1.76 0.00	38.85 1.85 0.00	39.39 1.91 0.00	39.77 2.07 0.00	40.11 2.09 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.87 2.37 0.00	47.10 2.84 0.00	59.12 3.56 0.00	68.47 3.94 0.00	65.42 3.76 0.00	48.84 2.81 0.00	43.94 2.61 0.00	41.10 2.07 0.00	37.53 1.89 0.00
NEWKRMKL_115KV_TB1 55635	37.52 0.41 0.00	33.80 0.37 0.00	31.55 0.40 0.00	30.56 0.33 0.00	31.03 0.37 0.00	32.59 0.42 0.00	36.50 0.40 0.00	38.64 0.34 0.00	37.34 0.33 0.00	37.85 0.37 0.00	38.15 0.45 0.00	38.40 0.38 0.00	38.19 0.38 0.00	39.40 0.43 0.00	39.11 0.54 0.00	40.05 0.55 0.00	45.06 0.80 0.00	56.56 1.00 0.00	65.51 0.97 0.00	62.46 0.80 0.00	46.72 0.69 0.00	41.92 0.58 0.00	39.42 0.39 0.00	35.92 0.29 0.00
NEWTON___FALLS_HYD 23847	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.68 0.58 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.81 0.34 0.00	38.11 0.41 0.00	38.36 0.34 0.00	37.97 0.15 0.00	39.13 0.16 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.84 0.28 0.00	64.86 0.32 0.00	62.21 0.55 0.00	46.77 0.74 0.00	42.08 0.74 0.00	39.73 0.70 0.00	36.07 0.43 0.00
NGRID_A1_DSASP 323792	35.89 -1.22 0.00	32.16 -1.27 0.00	30.37 -0.78 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.25 -2.45 0.00	35.74 -2.28 0.00	36.38 -1.44 0.00	36.71 -2.26 0.00	36.22 -2.35 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.50 -6.05 0.01	58.92 -5.62 0.01	56.29 -5.36 0.01	41.33 -4.70 0.01	37.29 -4.05 0.00	36.65 -2.38 0.00	34.29 -1.35 0.00
NGRID_A2_DSASP 323793	35.89 -1.22 0.00	32.16 -1.27 0.00	30.37 -0.78 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.25 -2.45 0.00	35.74 -2.28 0.00	36.38 -1.44 0.00	36.71 -2.26 0.00	36.22 -2.35 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.50 -6.05 0.01	58.92 -5.62 0.01	56.29 -5.36 0.01	41.33 -4.70 0.01	37.29 -4.05 0.00	36.65 -2.38 0.00	34.29 -1.35 0.00
NGRID_A4_DSASP 323807	35.89 -1.22 0.00	32.16 -1.27 0.00	30.37 -0.78 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.25 -2.45 0.00	35.74 -2.28 0.00	36.38 -1.44 0.00	36.71 -2.26 0.00	36.22 -2.35 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.50 -6.05 0.01	58.92 -5.62 0.01	56.29 -5.36 0.01	41.33 -4.70 0.01	37.29 -4.05 0.00	36.65 -2.38 0.00	34.29 -1.35 0.00
NIAGARA_115E_LBMP 323715	35.44 -1.67 0.00	32.70 -0.74 0.00	30.90 -0.25 0.00	29.47 -0.75 0.00	30.20 -0.46 0.00	30.89 -1.29 0.00	34.59 -1.51 0.00	37.18 -1.11 0.00	35.67 -1.33 0.00	36.09 -1.39 0.00	35.32 -2.37 0.00	35.85 -2.17 0.00	36.45 -1.36 0.00	36.83 -2.14 0.00	36.30 -2.28 0.00	36.74 -2.77 0.00	39.96 -4.29 0.00	49.66 -5.89 0.00	59.11 -5.42 0.00	56.48 -5.18 0.00	41.47 -4.56 0.00	37.37 -3.97 0.00	36.73 -2.30 0.00	34.78 -0.86 0.00
NIAGARA_115W_LBMP 323714	35.81 -1.30 0.00	32.06 -1.37 0.00	30.31 -0.84 0.00	29.89 -0.33 0.00	29.65 -1.01 0.00	31.31 -0.87 0.00	34.98 -1.12 0.00	37.33 -0.96 0.00	35.45 -1.55 0.00	35.90 -1.57 0.00	35.13 -2.56 0.00	35.66 -2.36 0.00	36.30 -1.51 0.00	36.63 -2.34 0.00	36.14 -2.43 0.00	36.58 -2.92 0.00	39.74 -4.52 0.01	49.33 -6.22 0.01	58.79 -5.74 0.01	56.17 -5.49 0.01	41.20 -4.83 0.01	37.16 -4.17 0.00	36.57 -2.46 0.00	34.21 -1.43 0.00
NIAGARA_230_LBMP 323716	35.85 -1.26 0.00	32.56 -0.87 0.00	30.74 -0.41 0.00	29.80 -0.42 0.00	30.08 -0.58 0.00	31.27 -0.90 0.00	35.02 -1.08 0.00	37.56 -0.73 0.00	36.01 -1.00 0.00	36.39 -1.09 0.00	35.66 -2.04 0.00	36.19 -1.82 0.00	36.80 -1.02 0.00	37.18 -1.79 0.00	36.68 -1.89 0.00	37.17 -2.33 0.00	40.45 -3.81 0.01	50.27 -5.28 0.01	59.82 -4.71 0.01	57.15 -4.50 0.01	41.98 -4.05 0.01	37.87 -3.47 0.00	37.16 -1.87 0.00	34.75 -0.89 0.00
NIAGARA___115KV_198_GIBSON 55903	35.81 -1.30 0.00	32.03 -1.40 0.00	30.09 -1.06 0.00	29.89 -0.33 0.00	29.65 -1.01 0.00	31.30 -0.87 0.00	34.98 -1.12 0.00	37.33 -0.96 0.00	35.45 -1.55 0.00	35.90 -1.57 0.00	35.25 -2.45 0.00	35.66 -2.36 0.00	35.77 -2.04 0.00	36.63 -2.34 0.00	36.06 -2.51 0.00	36.62 -2.88 0.00	39.74 -4.51 0.01	49.28 -6.28 0.01	58.79 -5.74 0.01	56.17 -5.49 0.01	41.19 -4.83 0.01	37.16 -4.18 0.00	36.42 -2.62 0.00	34.21 -1.43 0.00
NIAGARA____ 23760	35.85 -1.26 0.00	32.56 -0.87 0.00	30.74 -0.41 0.00	29.80 -0.42 0.00	30.08 -0.58 0.00	31.27 -0.90 0.00	35.02 -1.08 0.00	37.56 -0.73 0.00	36.01 -1.00 0.00	36.39 -1.09 0.00	35.66 -2.04 0.00	36.19 -1.82 0.00	36.80 -1.02 0.00	37.18 -1.79 0.00	36.68 -1.89 0.00	37.17 -2.33 0.00	40.45 -3.81 0.01	50.27 -5.28 0.01	59.82 -4.71 0.01	57.16 -4.50 0.01	41.98 -4.05 0.01	37.87 -3.47 0.00	37.16 -1.87 0.00	34.75 -0.89 0.00
NINE_MILE_1 23575	36.04 -1.08 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.96 0.00	35.02 -1.08 0.00	37.22 -1.07 0.00	35.97 -1.04 0.00	36.39 -1.09 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.76 -1.06 0.00	37.80 -1.17 0.00	37.42 -1.16 0.00	38.32 -1.18 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.01 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00
NINE_MILE_2 23744	36.04 -1.08 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.96 0.00	35.02 -1.08 0.00	37.22 -1.07 0.00	35.97 -1.04 0.00	36.43 -1.05 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.76 -1.06 0.00	37.80 -1.17 0.00	37.42 -1.16 0.00	38.32 -1.18 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.01 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00
NM_CAPITAL___DRP 24208	37.67 0.56 0.00	33.94 0.50 0.00	31.65 0.50 0.00	30.68 0.45 0.00	31.12 0.46 0.00	32.69 0.51 0.00	36.64 0.54 0.00	38.75 0.46 0.00	37.49 0.48 0.00	37.96 0.49 0.00	38.30 0.60 0.00	38.55 0.53 0.00	38.34 0.53 0.00	39.56 0.58 0.00	39.27 0.69 0.00	40.21 0.71 0.00	45.24 0.97 0.00	56.78 1.22 0.00	65.76 1.23 0.00	62.71 1.05 0.00	46.91 0.87 0.00	42.08 0.74 0.00	39.58 0.55 0.00	36.07 0.43 0.00
NM_CENTRAL___DRP 24181	36.67 -0.45 0.00	33.03 -0.40 0.00	30.74 -0.40 0.00	29.86 -0.36 0.00	30.27 -0.40 0.00	31.72 -0.45 0.00	35.63 -0.47 0.00	37.91 -0.38 0.00	36.64 -0.37 0.00	37.06 -0.41 0.00	37.17 -0.53 0.00	37.49 -0.53 0.00	37.36 -0.45 0.00	38.46 -0.51 0.00	38.11 -0.46 0.00	39.03 -0.47 0.00	43.51 -0.75 0.00	54.62 -0.94 0.00	63.63 -0.90 0.00	60.86 -0.80 0.00	45.34 -0.69 0.00	40.72 -0.62 0.00	38.60 -0.43 0.00	35.28 -0.36 0.00

NM_FRONTIER___DRP 24179	35.81 -1.30 0.00	32.03 -1.40 0.00	30.09 -1.06 0.00	29.89 -0.33 0.00	29.65 -1.01 0.00	31.30 -0.87 0.00	34.98 -1.12 0.00	37.33 -0.96 0.00	35.45 -1.55 0.00	35.90 -1.57 0.00	35.25 -2.45 0.00	35.66 -2.36 0.00	35.77 -2.04 0.00	36.63 -2.34 0.00	36.06 -2.51 0.00	36.62 -2.88 0.00	39.74 -4.51 0.01	49.28 -6.28 0.01	58.79 -5.74 0.01	56.17 -5.49 0.01	41.19 -4.83 0.01	37.16 -4.18 0.00	36.42 -2.62 0.00	34.21 -1.43 0.00
NM_ST_REGIS___HYD 24053	37.71 0.59 0.00	33.97 0.53 0.00	31.68 0.53 0.00	30.74 0.51 0.00	31.25 0.58 0.00	32.82 0.64 0.00	36.97 0.87 0.00	38.98 0.69 0.00	37.60 0.59 0.00	38.00 0.52 0.00	38.38 0.68 0.00	38.67 0.65 0.00	38.16 0.34 0.00	39.32 0.35 0.00	38.76 0.19 0.00	39.74 0.24 0.00	44.53 0.27 0.00	55.95 0.39 0.00	65.12 0.58 0.00	62.28 0.62 0.00	46.91 0.87 0.00	42.08 0.74 0.00	39.81 0.78 0.00	36.21 0.57 0.00
NORTHPORT___1 23551	38.60 1.49 0.00	34.47 1.04 0.00	32.05 0.90 0.00	30.89 0.66 0.00	31.34 0.67 0.00	33.01 0.84 0.00	36.56 0.47 0.01	38.87 0.58 0.00	37.75 0.74 0.00	38.79 1.31 0.00	39.96 2.26 0.00	39.69 1.67 0.00	39.44 1.62 0.00	40.73 1.76 0.00	40.42 1.85 0.00	41.08 1.58 0.00	45.81 1.55 0.00	57.23 1.67 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.90 0.87 0.01	42.29 0.95 0.00	39.81 0.78 0.00	36.81 1.17 0.00
NORTHPORT___2 23552	38.60 1.49 0.00	34.47 1.04 0.00	32.05 0.90 0.00	30.89 0.66 0.00	31.34 0.67 0.00	33.01 0.84 0.00	36.56 0.47 0.01	38.87 0.58 0.00	37.75 0.74 0.00	38.79 1.31 0.00	39.96 2.26 0.00	39.69 1.67 0.00	39.44 1.62 0.00	40.73 1.76 0.00	40.42 1.85 0.00	41.08 1.58 0.00	45.81 1.55 0.00	57.23 1.67 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.90 0.87 0.01	42.29 0.95 0.00	39.81 0.78 0.00	36.81 1.17 0.00
NORTHPORT___3 23553	38.67 1.56 0.00	34.60 1.17 0.00	32.17 1.03 0.00	31.04 0.82 0.00	31.46 0.80 0.00	33.14 0.96 0.00	36.75 0.65 0.01	39.02 0.73 0.00	37.97 0.96 0.00	38.98 1.50 0.00	39.96 2.26 0.00	39.84 1.82 0.00	39.56 1.74 0.00	40.76 1.79 0.00	40.46 1.89 0.00	41.08 1.58 0.00	45.77 1.51 0.00	57.17 1.61 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.90 0.87 0.01	42.33 0.99 0.00	39.93 0.90 0.00	36.96 1.32 0.00
NORTHPORT___4 23650	38.67 1.56 0.00	34.60 1.17 0.00	32.17 1.03 0.00	31.04 0.82 0.00	31.46 0.80 0.00	33.14 0.96 0.00	36.75 0.65 0.01	39.02 0.73 0.00	37.97 0.96 0.00	38.98 1.50 0.00	39.96 2.26 0.00	39.84 1.82 0.00	39.56 1.74 0.00	40.76 1.79 0.00	40.46 1.89 0.00	41.08 1.58 0.00	45.77 1.51 0.00	57.17 1.61 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.90 0.87 0.01	42.33 0.99 0.00	39.93 0.90 0.00	36.96 1.32 0.00
NORTHPORT___IC 23718	38.64 1.52 0.00	34.57 1.14 0.00	32.02 0.87 0.00	30.89 0.66 0.00	31.34 0.67 0.00	33.01 0.84 0.00	36.56 0.47 0.01	38.86 0.57 0.00	37.97 0.96 0.00	38.83 1.35 0.00	39.39 1.70 0.00	39.69 1.67 0.00	39.82 2.00 0.00	40.84 1.87 0.00	40.65 2.08 0.00	41.08 1.58 0.00	45.77 1.50 0.00	57.28 1.72 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.90 0.87 0.01	42.41 1.07 0.00	40.24 1.21 0.00	36.82 1.18 0.00
NORTH___COUNTRY_ESR 323785	37.23 0.11 0.00	33.53 0.10 0.00	31.33 0.19 0.00	30.44 0.21 0.00	30.94 0.28 0.00	32.49 0.32 0.00	36.54 0.43 0.00	38.56 0.27 0.00	37.27 0.26 0.00	37.78 0.30 0.00	38.07 0.38 0.00	38.40 0.38 0.00	37.89 0.08 0.00	39.05 0.08 0.00	38.50 -0.08 0.00	39.42 -0.08 0.00	44.31 0.04 0.00	55.90 0.34 0.00	64.93 0.39 0.00	61.97 0.31 0.00	46.31 0.28 0.00	41.42 0.08 0.00	39.15 0.12 0.00	35.75 0.11 0.00
NPX_GEN_1385_PROXY 323591	38.34 1.22 0.00	34.07 0.63 0.00	31.77 0.62 0.00	30.61 0.39 0.00	31.06 0.40 0.00	32.72 0.55 0.00	36.31 0.22 0.01	38.60 0.30 0.00	37.30 0.29 0.00	38.34 0.86 0.00	39.47 1.77 0.00	39.16 1.14 0.00	38.87 1.06 0.00	40.14 1.17 0.00	40.00 1.43 0.00	40.73 1.23 0.00	45.72 1.46 0.00	57.17 1.61 0.00	65.56 1.03 0.01	62.45 0.80 0.01	46.44 0.41 0.01	41.87 0.54 0.00	39.27 0.24 0.00	36.32 0.68 0.00
NPX_GEN_CSC 323557	38.49 1.37 0.00	34.30 0.87 0.00	31.89 0.75 0.00	30.74 0.51 0.00	31.15 0.49 0.00	32.82 0.64 0.00	36.28 0.18 0.01	38.60 0.30 0.00	37.52 0.52 0.00	38.68 1.20 0.00	39.96 2.26 0.00	39.58 1.56 0.00	39.37 1.55 0.00	40.68 1.71 0.00	40.42 1.85 0.00	41.08 1.58 0.00	45.81 1.55 0.00	57.28 1.72 0.00	65.82 1.29 0.01	62.82 1.17 0.01	46.95 0.92 0.01	42.29 0.95 0.00	39.58 0.55 0.00	36.71 1.07 0.00
NSINS_S_GLNS_FALLS 23858	38.34 1.22 0.00	34.50 1.07 0.00	32.17 1.03 0.00	31.13 0.91 0.00	31.58 0.92 0.00	33.14 0.97 0.00	37.15 1.05 0.00	39.25 0.96 0.00	37.78 0.78 0.00	38.26 0.79 0.00	38.49 0.79 0.00	38.70 0.68 0.00	38.42 0.61 0.00	39.59 0.62 0.00	39.30 0.73 0.00	40.37 0.87 0.00	45.68 1.42 0.00	57.62 2.06 0.00	67.12 2.58 0.00	63.94 2.28 0.00	47.88 1.84 0.00	42.66 1.32 0.00	40.28 1.25 0.00	36.60 0.96 0.00
NUCOR_STEEL___DRP 24197	37.11 0.00 0.00	33.43 0.00 0.00	31.08 -0.06 0.00	30.22 0.00 0.00	30.63 -0.03 0.00	32.11 -0.06 0.00	36.07 -0.04 0.00	38.44 0.15 0.00	37.08 0.07 0.00	37.51 0.04 0.00	37.55 -0.15 0.00	37.83 -0.19 0.00	37.74 -0.08 0.00	38.85 -0.12 0.00	38.46 -0.12 0.00	39.38 -0.12 0.00	43.95 -0.31 0.00	55.23 -0.33 0.00	64.54 0.00 0.00	61.72 0.06 0.00	45.94 -0.09 0.00	41.21 -0.12 0.00	39.07 0.04 0.00	35.78 0.14 0.00
NUMBER_THREE_WT_PWR 323818	37.45 0.33 0.00	33.73 0.30 0.00	31.37 0.22 0.00	30.41 0.18 0.00	30.91 0.24 0.00	32.46 0.29 0.00	36.57 0.47 0.00	39.10 0.81 0.00	37.63 0.63 0.00	37.89 0.41 0.00	38.11 0.42 0.00	38.32 0.30 0.00	38.08 0.27 0.00	39.21 0.24 0.00	38.84 0.27 0.00	39.86 0.35 0.00	44.70 0.44 0.00	56.28 0.72 0.00	65.18 0.65 0.00	62.46 0.80 0.00	46.86 0.83 0.00	42.04 0.70 0.00	39.65 0.62 0.00	35.92 0.28 0.00
NYISO_LBMP_REFERENCE 24008	37.11 0.00 0.00	33.43 0.00 0.00	31.15 0.00 0.00	30.22 0.00 0.00	30.66 0.00 0.00	32.17 0.00 0.00	36.10 0.00 0.00	38.29 0.00 0.00	37.01 0.00 0.00	37.48 0.00 0.00	37.70 0.00 0.00	38.02 0.00 0.00	37.81 0.00 0.00	38.97 0.00 0.00	38.57 0.00 0.00	39.50 0.00 0.00	44.26 0.00 0.00	55.56 0.00 0.00	64.54 0.00 0.00	61.66 0.00 0.00	46.03 0.00 0.00	41.34 0.00 0.00	39.03 0.00 0.00	35.64 0.00 0.00
NYPA_BRENTWD____GT 24164	39.01 1.89 0.00	34.81 1.37 0.00	32.36 1.21 0.00	31.19 0.97 0.00	31.62 0.95 0.00	33.30 1.13 0.00	36.85 0.76 0.01	39.21 0.92 0.00	38.08 1.07 0.00	39.16 1.69 0.00	40.34 2.64 0.00	40.07 2.05 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.89 2.31 0.00	41.55 2.05 0.00	46.39 2.12 0.00	58.06 2.50 0.00	66.85 2.32 0.01	63.87 2.22 0.01	47.59 1.57 0.01	42.87 1.53 0.00	40.24 1.21 0.00	37.17 1.53 0.00

NYPA_GOWANUS____GT5 24156	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NYPA_GOWANUS____GT6 24157	38.89 1.78 0.00	35.27 1.84 0.00	32.80 1.65 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.58 1.88 0.00	39.99 1.98 0.00	39.70 1.89 0.00	41.11 2.14 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.77 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.32 1.98 0.00	40.67 1.64 0.00	37.28 1.64 0.00
NYPA_HARLEM__RVR__GT1 24160	38.79 1.67 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.79 1.14 0.01	33.55 1.38 0.01	37.36 1.26 0.01	39.59 1.30 0.01	38.52 1.52 0.01	39.08 1.61 0.01	39.57 1.88 0.01	39.99 1.98 0.01	39.70 1.89 0.01	41.11 2.14 0.01	40.68 2.12 0.01	41.63 2.13 0.01	46.51 2.26 0.01	58.05 2.50 0.01	66.98 2.45 0.01	63.99 2.34 0.01	47.77 1.75 0.01	43.23 1.90 0.01	40.54 1.52 0.01	37.09 1.46 0.01
NYPA_HARLEM__RVR__GT2 24161	38.79 1.67 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.79 1.14 0.01	33.55 1.38 0.01	37.36 1.26 0.01	39.59 1.30 0.01	38.52 1.52 0.01	39.08 1.61 0.01	39.57 1.88 0.01	39.99 1.98 0.01	39.70 1.89 0.01	41.11 2.14 0.01	40.68 2.12 0.01	41.63 2.13 0.01	46.51 2.26 0.01	58.05 2.50 0.01	66.98 2.45 0.01	63.99 2.34 0.01	47.77 1.75 0.01	43.23 1.90 0.01	40.54 1.52 0.01	37.09 1.46 0.01
NYPA_KENT____GT 24152	38.89 1.78 0.00	35.24 1.80 0.00	32.73 1.59 0.00	31.58 1.36 0.00	32.01 1.35 0.00	33.75 1.58 0.00	37.51 1.41 0.00	39.71 1.42 0.00	38.63 1.63 0.00	39.16 1.69 0.00	39.66 1.96 0.00	40.07 2.05 0.00	39.78 1.97 0.00	41.19 2.22 0.00	40.77 2.20 0.00	41.71 2.21 0.00	46.69 2.43 0.00	58.34 2.78 0.00	67.37 2.84 0.01	64.30 2.65 0.01	47.96 1.93 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
NYPA_POUCH1____GT 24155	38.74 1.63 0.00	35.27 1.84 0.00	32.77 1.62 0.00	31.61 1.39 0.00	32.01 1.35 0.00	33.72 1.54 0.00	37.29 1.19 0.00	39.40 1.11 0.00	38.34 1.33 0.00	38.86 1.39 0.00	39.40 1.70 0.00	39.81 1.79 0.00	39.52 1.70 0.00	40.92 1.95 0.00	40.50 1.93 0.00	41.48 1.97 0.00	46.43 2.17 0.00	58.00 2.44 0.00	67.04 2.51 0.01	63.99 2.34 0.01	47.68 1.65 0.01	43.11 1.78 0.00	40.48 1.45 0.00	37.17 1.53 0.00
NYPA_VERNON____GT2 24162	38.93 1.82 0.00	35.17 1.74 0.00	32.70 1.56 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.75 1.58 0.00	37.55 1.45 0.00	39.82 1.53 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.03 0.00	40.15 2.13 0.00	39.86 2.04 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.36 2.84 0.01	64.36 2.71 0.01	48.05 2.02 0.01	43.45 2.11 0.00	40.75 1.72 0.00	37.28 1.64 0.00
NYPA_VERNON____GT3 24163	38.93 1.82 0.00	35.17 1.74 0.00	32.70 1.56 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.75 1.58 0.00	37.55 1.45 0.00	39.82 1.53 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.03 0.00	40.15 2.13 0.00	39.86 2.04 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.36 2.84 0.01	64.36 2.71 0.01	48.05 2.02 0.01	43.45 2.11 0.00	40.75 1.72 0.00	37.28 1.64 0.00
NYPA__ASTORIA_CC1 323568	38.89 1.78 0.00	35.14 1.70 0.00	32.67 1.53 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.71 1.70 0.00	39.24 1.76 0.00	39.69 2.00 0.00	40.11 2.09 0.00	39.82 2.00 0.00	41.23 2.26 0.00	40.81 2.24 0.00	41.75 2.25 0.00	46.69 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
NYPA__ASTORIA_CC2 323569	38.89 1.78 0.00	35.14 1.70 0.00	32.67 1.53 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.51 1.41 0.00	39.78 1.49 0.00	38.71 1.70 0.00	39.24 1.76 0.00	39.69 2.00 0.00	40.11 2.09 0.00	39.82 2.00 0.00	41.23 2.26 0.00	40.81 2.24 0.00	41.75 2.25 0.00	46.69 2.43 0.00	58.28 2.72 0.00	67.24 2.71 0.01	64.24 2.59 0.01	47.96 1.93 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00
NYPA__HOLTSVILL 23794	38.74 1.63 0.00	34.57 1.14 0.00	32.14 1.00 0.00	30.98 0.76 0.00	31.40 0.73 0.00	33.07 0.90 0.00	36.60 0.51 0.01	38.90 0.61 0.00	37.86 0.85 0.00	38.94 1.46 0.00	40.19 2.49 0.00	39.81 1.79 0.00	39.59 1.78 0.00	40.92 1.95 0.00	40.61 2.04 0.00	41.28 1.78 0.00	46.03 1.77 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.18 1.15 0.01	42.54 1.20 0.00	39.89 0.86 0.00	36.96 1.32 0.00
NYPA____HELLGATE_GT1 24158	38.79 1.67 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.79 1.14 0.01	33.55 1.38 0.01	37.36 1.26 0.01	39.59 1.30 0.01	38.52 1.52 0.01	39.08 1.61 0.01	39.57 1.88 0.01	39.99 1.98 0.01	39.70 1.89 0.01	41.11 2.14 0.01	40.68 2.12 0.01	41.63 2.13 0.01	46.55 2.30 0.01	58.16 2.61 0.01	67.11 2.58 0.01	64.12 2.47 0.01	47.82 1.79 0.01	43.23 1.90 0.01	40.54 1.52 0.01	37.09 1.46 0.01
NYPA____HELLGATE_GT2 24159	38.79 1.67 0.00	35.04 1.60 0.00	32.55 1.40 0.00	31.40 1.18 0.00	31.79 1.14 0.01	33.55 1.38 0.01	37.36 1.26 0.01	39.59 1.30 0.01	38.52 1.52 0.01	39.08 1.61 0.01	39.57 1.88 0.01	39.99 1.98 0.01	39.70 1.89 0.01	41.11 2.14 0.01	40.68 2.12 0.01	41.63 2.13 0.01	46.55 2.30 0.01	58.16 2.61 0.01	67.11 2.58 0.01	64.12 2.47 0.01	47.82 1.79 0.01	43.23 1.90 0.01	40.54 1.52 0.01	37.09 1.46 0.01
NYS_BARGE__HYD 23848	35.92 -1.19 0.00	32.93 -0.50 0.00	31.08 -0.06 0.00	29.83 -0.39 0.00	30.42 -0.25 0.00	31.31 -0.87 0.00	35.05 -1.05 0.00	37.68 -0.61 0.00	36.12 -0.89 0.00	36.54 -0.94 0.00	35.78 -1.92 0.00	36.31 -1.71 0.00	36.91 -0.91 0.00	37.30 -1.67 0.00	36.80 -1.77 0.00	37.25 -2.25 0.00	40.63 -3.63 0.00	50.50 -5.06 0.00	60.08 -4.45 0.00	57.46 -4.19 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.32 -1.72 0.00	35.11 -0.53 0.00
OAK ORCHARD__HYD 24046	36.71 -0.41 0.00	33.20 -0.23 0.00	31.02 -0.12 0.00	30.10 -0.12 0.00	30.48 -0.18 0.00	31.85 -0.32 0.00	35.71 -0.40 0.00	38.25 -0.04 0.00	36.75 -0.26 0.00	37.29 -0.19 0.00	37.02 -0.68 0.00	37.49 -0.53 0.00	37.70 -0.11 0.00	38.51 -0.47 0.00	38.03 -0.54 0.00	38.79 -0.71 0.00	42.84 -1.42 0.00	53.51 -2.05 0.00	63.06 -1.48 0.00	60.30 -1.36 0.00	44.70 -1.34 0.00	40.14 -1.20 0.00	38.52 -0.51 0.00	35.50 -0.14 0.00

OAKDALE___35_KV_LOAD 356122	37.19 0.07 0.00	33.53 0.10 0.00	31.24 0.09 0.00	30.34 0.12 0.00	30.79 0.12 0.00	32.24 0.06 0.00	36.17 0.07 0.00	38.56 0.27 0.00	37.26 0.26 0.00	37.63 0.15 0.00	37.58 -0.11 0.00	37.94 -0.08 0.00	37.85 0.04 0.00	38.93 -0.04 0.00	38.57 0.00 0.00	39.50 0.00 0.00	44.08 -0.18 0.00	55.34 -0.22 0.00	64.60 0.06 0.00	61.78 0.12 0.00	45.99 -0.05 0.00	41.26 -0.08 0.00	39.11 0.08 0.00	35.85 0.21 0.00
OCC_CHEM___DRP 24175	35.85 -1.26 0.00	32.13 -1.30 0.00	30.18 -0.97 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.32 -2.37 0.00	35.74 -2.28 0.00	35.85 -1.97 0.00	36.71 -2.26 0.00	36.14 -2.43 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.39 -6.17 0.01	58.92 -5.61 0.01	56.29 -5.36 0.01	41.29 -4.74 0.01	37.25 -4.09 0.00	36.49 -2.54 0.00	34.29 -1.35 0.00
OH_GEN_PROXY 24063	35.85 -1.26 0.00	32.56 -0.87 0.00	30.74 -0.41 0.00	29.77 -0.45 0.00	30.08 -0.58 0.00	31.27 -0.90 0.00	35.02 -1.08 0.00	37.60 -0.69 0.00	36.04 -0.96 0.00	36.43 -1.05 0.00	35.70 -2.00 0.00	36.23 -1.79 0.00	36.83 -0.98 0.00	37.22 -1.75 0.00	36.76 -1.81 0.00	37.25 -2.25 0.00	40.63 -3.63 0.00	50.50 -5.06 0.00	60.08 -4.45 0.00	57.40 -4.25 0.00	42.21 -3.82 0.00	37.99 -3.35 0.00	37.20 -1.83 0.00	34.75 -0.89 0.00
OLIN_CORP_DRP 24177	35.48 -1.63 0.00	32.66 -0.77 0.00	30.68 -0.47 0.00	29.53 -0.70 0.00	30.20 -0.46 0.00	30.98 -1.19 0.00	34.66 -1.44 0.00	37.26 -1.03 0.00	35.75 -1.26 0.00	36.17 -1.31 0.00	35.51 -2.19 0.00	35.93 -2.09 0.00	36.00 -1.82 0.00	36.91 -2.07 0.00	36.33 -2.24 0.00	36.85 -2.65 0.00	40.05 -4.20 0.01	49.72 -5.83 0.01	59.24 -5.29 0.01	56.60 -5.06 0.01	41.56 -4.47 0.01	37.45 -3.89 0.00	36.69 -2.34 0.00	34.82 -0.82 0.00
OLIN_CORP_DSASP 323712	35.89 -1.22 0.00	32.16 -1.27 0.00	30.37 -0.78 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.25 -2.45 0.00	35.74 -2.28 0.00	36.38 -1.44 0.00	36.71 -2.26 0.00	36.22 -2.35 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.50 -6.05 0.01	58.92 -5.62 0.01	56.29 -5.36 0.01	41.33 -4.70 0.01	37.29 -4.05 0.00	36.65 -2.38 0.00	34.29 -1.35 0.00
ONEIDA_HERK_LFGE 323681	37.59 0.48 0.00	33.87 0.43 0.00	31.52 0.38 0.00	30.59 0.36 0.00	31.03 0.37 0.00	32.59 0.42 0.00	36.64 0.54 0.00	39.02 0.73 0.00	37.67 0.67 0.00	37.96 0.49 0.00	38.23 0.53 0.00	38.44 0.42 0.00	38.23 0.42 0.00	39.40 0.43 0.00	39.04 0.46 0.00	40.01 0.51 0.00	44.88 0.62 0.00	56.39 0.83 0.00	65.51 0.97 0.00	62.77 1.11 0.00	46.95 0.92 0.00	42.16 0.83 0.00	39.73 0.70 0.00	36.10 0.46 0.00
ONEIDA___115KV_TB4 55905	37.71 0.59 0.00	34.00 0.57 0.00	31.61 0.47 0.00	30.68 0.45 0.00	31.15 0.49 0.00	32.69 0.51 0.00	36.72 0.61 0.00	39.06 0.77 0.00	37.67 0.67 0.00	38.00 0.52 0.00	38.19 0.49 0.00	38.48 0.46 0.00	38.31 0.49 0.00	39.44 0.47 0.00	39.11 0.54 0.00	40.09 0.59 0.00	44.93 0.66 0.00	56.39 0.83 0.00	65.70 1.16 0.00	62.95 1.29 0.00	47.05 1.01 0.00	42.17 0.83 0.00	39.81 0.78 0.00	36.25 0.61 0.00
ONONDAGA_REF_OCCRA 23987	36.82 -0.30 0.00	33.17 -0.27 0.00	30.84 -0.31 0.00	29.95 -0.27 0.00	30.39 -0.28 0.00	31.85 -0.32 0.00	35.74 -0.36 0.00	38.06 -0.23 0.00	36.78 -0.22 0.00	37.21 -0.26 0.00	37.28 -0.41 0.00	37.60 -0.42 0.00	37.51 -0.30 0.00	38.62 -0.35 0.00	38.22 -0.35 0.00	39.19 -0.32 0.00	43.73 -0.53 0.00	54.89 -0.67 0.00	64.02 -0.52 0.00	61.23 -0.43 0.00	45.62 -0.41 0.00	40.93 -0.41 0.00	38.76 -0.27 0.00	35.43 -0.21 0.00
ONONDAGA___COGEN 23986	36.85 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.10 -0.19 0.00	36.82 -0.19 0.00	37.29 -0.19 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.55 -0.26 0.00	38.66 -0.31 0.00	38.26 -0.31 0.00	39.22 -0.28 0.00	43.73 -0.53 0.00	54.95 -0.61 0.00	64.02 -0.52 0.00	61.29 -0.37 0.00	45.62 -0.41 0.00	40.97 -0.37 0.00	38.80 -0.23 0.00	35.50 -0.14 0.00
ONTARIO___LFGE 23819	37.19 0.07 0.00	33.53 0.10 0.00	31.24 0.09 0.00	30.34 0.12 0.00	30.76 0.09 0.00	32.17 0.00 0.00	36.17 0.07 0.00	38.71 0.42 0.00	37.23 0.22 0.00	37.59 0.11 0.00	37.36 -0.34 0.00	37.71 -0.31 0.00	37.85 0.04 0.00	38.74 -0.23 0.00	38.38 -0.19 0.00	39.15 -0.36 0.00	43.55 -0.71 0.00	54.84 -0.72 0.00	64.47 -0.06 0.00	61.66 0.00 0.00	45.71 -0.32 0.00	40.93 -0.41 0.00	39.19 0.16 0.00	35.92 0.28 0.00
ORANGEVILLE_WT_PWR 323706	36.19 -0.93 0.00	32.87 -0.57 0.00	30.90 -0.25 0.00	29.89 -0.33 0.00	30.26 -0.40 0.00	31.50 -0.68 0.00	35.27 -0.83 0.00	37.87 -0.42 0.00	36.30 -0.70 0.00	36.58 -0.90 0.00	35.89 -1.81 0.00	36.35 -1.67 0.00	36.87 -0.94 0.00	37.37 -1.60 0.00	36.95 -1.62 0.00	37.57 -1.93 0.00	41.38 -2.88 0.00	51.89 -3.67 0.00	61.50 -3.03 0.00	58.70 -2.96 0.00	43.27 -2.76 0.00	38.82 -2.52 0.00	37.74 -1.29 0.00	35.14 -0.50 0.00
ORANGEVILLE___ESR 323794	36.19 -0.93 0.00	32.87 -0.57 0.00	30.90 -0.25 0.00	29.89 -0.33 0.00	30.26 -0.40 0.00	31.50 -0.68 0.00	35.27 -0.83 0.00	37.87 -0.42 0.00	36.30 -0.70 0.00	36.58 -0.90 0.00	35.89 -1.81 0.00	36.35 -1.67 0.00	36.87 -0.94 0.00	37.37 -1.60 0.00	36.95 -1.62 0.00	37.57 -1.93 0.00	41.38 -2.88 0.00	51.89 -3.67 0.00	61.50 -3.03 0.00	58.70 -2.96 0.00	43.27 -2.76 0.00	38.82 -2.52 0.00	37.74 -1.29 0.00	35.14 -0.50 0.00
OSWEGATCHIE___HYD 24044	37.56 0.45 0.00	33.84 0.40 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.59 0.42 0.00	36.68 0.58 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.81 0.34 0.00	38.11 0.42 0.00	38.36 0.34 0.00	37.97 0.15 0.00	39.13 0.16 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.84 0.28 0.00	64.86 0.32 0.00	62.21 0.55 0.00	46.77 0.73 0.00	42.08 0.74 0.00	39.73 0.70 0.00	36.07 0.43 0.00
OSWEGO___5 23606	36.30 -0.82 0.00	32.70 -0.74 0.00	30.46 -0.69 0.00	29.56 -0.67 0.00	29.99 -0.67 0.00	31.43 -0.74 0.00	35.27 -0.83 0.00	37.52 -0.77 0.00	36.23 -0.78 0.00	36.69 -0.79 0.00	36.79 -0.91 0.00	37.11 -0.91 0.00	37.02 -0.80 0.00	38.08 -0.89 0.00	37.69 -0.89 0.00	38.59 -0.91 0.00	43.07 -1.19 0.00	54.06 -1.50 0.00	62.99 -1.55 0.00	60.18 -1.48 0.00	44.88 -1.15 0.00	40.31 -1.03 0.00	38.17 -0.86 0.00	34.89 -0.75 0.00
OSWEGO___6 23613	36.30 -0.82 0.00	32.70 -0.74 0.00	30.46 -0.69 0.00	29.56 -0.67 0.00	29.99 -0.67 0.00	31.43 -0.74 0.00	35.27 -0.83 0.00	37.52 -0.77 0.00	36.23 -0.78 0.00	36.69 -0.79 0.00	36.79 -0.91 0.00	37.11 -0.91 0.00	37.02 -0.80 0.00	38.08 -0.89 0.00	37.69 -0.89 0.00	38.59 -0.91 0.00	43.07 -1.19 0.00	54.06 -1.50 0.00	62.99 -1.55 0.00	60.18 -1.48 0.00	44.88 -1.15 0.00	40.31 -1.03 0.00	38.17 -0.86 0.00	34.89 -0.75 0.00

OUTOKUMPU-AB___DRP 24206	36.19 -0.93 0.00	32.80 -0.64 0.00	30.77 -0.37 0.00	30.13 -0.09 0.00	30.33 -0.34 0.00	31.59 -0.58 0.00	35.34 -0.76 0.00	37.91 -0.38 0.00	36.23 -0.78 0.00	36.73 -0.75 0.00	36.04 -1.66 0.00	36.46 -1.56 0.00	36.57 -1.25 0.00	37.45 -1.52 0.00	36.87 -1.70 0.00	37.45 -2.05 0.00	40.80 -3.45 0.00	50.72 -4.83 0.00	60.34 -4.19 0.00	57.71 -3.95 0.00	42.35 -3.68 0.00	38.07 -3.27 0.00	37.28 -1.76 0.00	35.03 -0.61 0.00
OXBOW___BTM 323836	36.07 -1.04 0.00	32.53 -0.90 0.00	30.71 -0.44 0.00	30.07 -0.15 0.00	30.05 -0.61 0.00	31.50 -0.68 0.00	35.24 -0.87 0.00	37.68 -0.61 0.00	35.93 -1.07 0.00	36.39 -1.09 0.00	35.62 -2.07 0.00	36.16 -1.86 0.00	36.80 -1.02 0.00	37.14 -1.83 0.00	36.64 -1.93 0.00	37.13 -2.37 0.00	40.40 -3.85 0.01	50.22 -5.33 0.01	59.69 -4.84 0.01	57.09 -4.56 0.01	41.89 -4.14 0.01	37.74 -3.60 0.00	37.12 -1.91 0.00	34.71 -0.93 0.00
OXBOW___ 24026	36.07 -1.04 0.00	32.50 -0.94 0.00	30.49 -0.65 0.00	30.07 -0.15 0.00	30.05 -0.61 0.00	31.50 -0.68 0.00	35.24 -0.87 0.00	37.68 -0.61 0.00	35.93 -1.07 0.00	36.39 -1.09 0.00	35.74 -1.96 0.00	36.16 -1.86 0.00	36.26 -1.55 0.00	37.14 -1.83 0.00	36.57 -2.01 0.00	37.13 -2.37 0.00	40.41 -3.85 0.01	50.11 -5.44 0.01	59.69 -4.84 0.01	57.09 -4.56 0.01	41.89 -4.14 0.01	37.70 -3.64 0.00	36.92 -2.11 0.00	34.71 -0.93 0.00
OXY_CHEM_DSASP 323612	35.85 -1.26 0.00	32.13 -1.30 0.00	30.18 -0.97 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.32 -2.37 0.00	35.74 -2.28 0.00	35.85 -1.97 0.00	36.71 -2.26 0.00	36.14 -2.43 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.39 -6.17 0.01	58.92 -5.61 0.01	56.29 -5.36 0.01	41.29 -4.74 0.01	37.25 -4.09 0.00	36.49 -2.54 0.00	34.29 -1.35 0.00
OZONE_PARK_ESR 323760	39.19 2.08 0.00	35.24 1.81 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.88 1.71 0.00	37.80 1.70 0.00	40.17 1.88 0.00	39.04 2.04 0.00	39.61 2.14 0.00	40.04 2.34 0.00	40.45 2.43 0.00	40.31 2.50 0.00	41.58 2.61 0.00	41.23 2.66 0.00	42.15 2.65 0.00	47.23 2.97 0.00	59.12 3.56 0.00	68.28 3.74 0.00	65.17 3.51 0.00	48.66 2.62 0.00	43.86 2.52 0.00	41.14 2.11 0.00	37.49 1.85 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.85 -1.26 0.00	32.13 -1.30 0.00	30.18 -0.97 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.32 -2.37 0.00	35.74 -2.28 0.00	35.85 -1.97 0.00	36.71 -2.26 0.00	36.14 -2.43 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.39 -6.17 0.01	58.92 -5.61 0.01	56.29 -5.36 0.01	41.29 -4.74 0.01	37.25 -4.09 0.00	36.49 -2.54 0.00	34.29 -1.35 0.00
PACKARD___115KV_DUPONT_184 80571	35.85 -1.26 0.00	32.13 -1.30 0.00	30.18 -0.97 0.00	29.92 -0.30 0.00	29.71 -0.95 0.00	31.34 -0.84 0.00	35.02 -1.08 0.00	37.41 -0.88 0.00	35.56 -1.44 0.00	35.98 -1.50 0.00	35.32 -2.37 0.00	35.74 -2.28 0.00	35.85 -1.97 0.00	36.71 -2.26 0.00	36.14 -2.43 0.00	36.70 -2.80 0.00	39.87 -4.38 0.01	49.39 -6.17 0.01	58.92 -5.61 0.01	56.29 -5.36 0.01	41.29 -4.74 0.01	37.25 -4.09 0.00	36.49 -2.54 0.00	34.29 -1.35 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.86 1.74 0.00	35.07 1.64 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.83 1.17 0.00	33.59 1.42 0.00	37.37 1.26 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.09 1.61 0.00	39.55 1.85 0.00	39.96 1.94 0.00	39.82 2.00 0.00	41.08 2.10 0.00	40.69 2.12 0.00	41.56 2.05 0.00	46.52 2.26 0.00	58.06 2.50 0.00	67.05 2.52 0.01	63.99 2.34 0.01	47.78 1.75 0.01	43.24 1.90 0.00	40.59 1.56 0.00	37.10 1.46 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.23 2.12 0.00	35.41 1.97 0.00	32.83 1.68 0.00	31.73 1.51 0.00	32.14 1.47 0.00	33.94 1.77 0.00	37.76 1.66 0.00	40.01 1.72 0.00	38.89 1.89 0.00	39.43 1.95 0.00	39.88 2.19 0.00	40.30 2.28 0.00	40.16 2.34 0.00	41.43 2.46 0.00	41.04 2.47 0.00	41.91 2.41 0.00	46.92 2.66 0.00	58.56 3.00 0.00	67.63 3.10 0.01	64.61 2.96 0.01	48.24 2.21 0.01	43.61 2.27 0.00	40.98 1.95 0.00	37.46 1.82 0.00
PATROON___115KV_TB1 80586	37.63 0.52 0.00	33.90 0.47 0.00	31.65 0.50 0.00	30.65 0.42 0.00	31.09 0.43 0.00	32.66 0.48 0.00	36.57 0.47 0.00	38.75 0.46 0.00	37.45 0.44 0.00	37.96 0.49 0.00	38.26 0.57 0.00	38.51 0.49 0.00	38.31 0.49 0.00	39.48 0.51 0.00	39.19 0.62 0.00	40.13 0.63 0.00	45.19 0.93 0.00	56.73 1.17 0.00	65.70 1.16 0.00	62.65 0.99 0.00	46.86 0.83 0.00	42.04 0.70 0.00	39.54 0.51 0.00	36.03 0.39 0.00
PATTRSNVILLE___SOLAR 323815	38.30 1.19 0.00	34.50 1.07 0.00	32.14 1.00 0.00	31.13 0.91 0.00	31.58 0.92 0.00	33.17 1.00 0.00	37.18 1.08 0.00	39.32 1.03 0.00	37.71 0.70 0.00	38.00 0.52 0.00	38.11 0.42 0.00	38.36 0.34 0.00	38.12 0.30 0.00	39.40 0.43 0.00	39.11 0.54 0.00	40.21 0.71 0.00	45.50 1.24 0.00	57.39 1.83 0.00	66.93 2.39 0.00	63.88 2.22 0.00	47.74 1.70 0.00	42.74 1.41 0.00	40.28 1.25 0.00	36.67 1.03 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.96 -1.15 0.00	32.70 -0.74 0.00	30.65 -0.50 0.00	29.80 -0.42 0.00	30.20 -0.46 0.00	31.40 -0.77 0.00	35.16 -0.94 0.00	37.79 -0.50 0.00	36.34 -0.67 0.00	36.76 -0.71 0.00	36.08 -1.62 0.00	36.50 -1.52 0.00	36.60 -1.21 0.00	37.49 -1.48 0.00	36.99 -1.58 0.00	37.64 -1.86 0.00	41.47 -2.79 0.00	51.94 -3.61 0.00	61.24 -3.29 0.00	58.51 -3.14 0.00	43.22 -2.81 0.00	38.53 -2.81 0.00	37.43 -1.60 0.00	35.07 -0.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.04 1.93 0.00	35.14 1.71 0.00	32.61 1.46 0.00	31.58 1.36 0.00	32.01 1.35 0.00	33.69 1.51 0.00	37.65 1.55 0.00	39.94 1.65 0.00	38.71 1.70 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.19 2.17 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.91 2.41 0.00	47.05 2.79 0.00	59.00 3.44 0.00	68.15 3.61 0.00	65.05 3.39 0.00	48.57 2.53 0.00	43.69 2.36 0.00	40.94 1.91 0.00	37.31 1.68 0.00
PEEKSKILL___ 23653	38.71 1.59 0.00	34.84 1.40 0.00	32.39 1.25 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.52 1.52 0.00	39.12 1.65 0.00	39.54 1.85 0.00	39.92 1.90 0.00	39.63 1.82 0.00	41.00 2.03 0.00	40.65 2.08 0.00	41.59 2.09 0.00	46.69 2.43 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.36 2.03 0.00	40.63 1.60 0.00	37.10 1.46 0.00
PGE MADISON___WINDPWR 24146	38.89 1.78 0.00	35.07 1.64 0.00	32.58 1.43 0.00	31.61 1.39 0.00	32.07 1.41 0.00	33.65 1.48 0.00	37.94 1.84 0.00	40.47 2.18 0.00	38.97 1.96 0.00	39.01 1.54 0.00	39.06 1.36 0.00	39.24 1.22 0.00	39.06 1.25 0.00	40.18 1.21 0.00	39.84 1.27 0.00	40.96 1.46 0.00	45.99 1.73 0.00	58.12 2.56 0.00	68.28 3.74 0.00	65.67 4.01 0.00	49.03 2.99 0.00	43.65 2.31 0.00	41.22 2.19 0.00	37.35 1.71 0.00

PIERCEFIELD___HYD 23852	37.67 0.56 0.00	33.94 0.50 0.00	31.65 0.50 0.00	30.68 0.45 0.00	31.19 0.52 0.00	32.75 0.58 0.00	36.90 0.79 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.93 0.45 0.00	38.26 0.57 0.00	38.55 0.53 0.00	38.08 0.26 0.00	39.24 0.27 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.73 0.17 0.00	64.86 0.32 0.00	62.09 0.43 0.00	46.82 0.78 0.00	42.08 0.74 0.00	39.77 0.74 0.00	36.17 0.53 0.00
PINELAWN_CC_1 323563	38.86 1.74 0.00	34.70 1.27 0.00	32.30 1.15 0.00	31.13 0.91 0.00	31.55 0.89 0.00	33.20 1.03 0.00	36.78 0.68 0.01	39.10 0.81 0.00	38.00 1.00 0.00	39.05 1.57 0.00	40.15 2.45 0.00	39.99 1.98 0.00	39.78 1.97 0.00	41.07 2.10 0.00	40.77 2.20 0.00	41.48 1.97 0.00	46.34 2.08 0.00	58.00 2.44 0.00	66.85 2.32 0.01	63.81 2.16 0.01	47.59 1.57 0.01	42.87 1.53 0.00	40.20 1.17 0.00	37.07 1.43 0.00
PJM_GEN_HTTP_PROXY 323702	33.44 1.74 5.42	35.01 1.57 0.00	32.55 1.40 0.00	31.43 1.21 0.00	31.86 1.19 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.86 2.04 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.87 2.61 0.00	58.61 3.05 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.21 1.57 0.00
PJM_GEN_KEystone 24065	37.30 0.19 0.00	33.70 0.27 0.00	31.49 0.34 0.00	30.44 0.21 0.00	30.88 0.22 0.00	32.40 0.23 0.00	36.25 0.14 0.00	38.71 0.42 0.00	37.45 0.45 0.00	37.85 0.37 0.00	37.74 0.04 0.00	38.21 0.19 0.00	38.23 0.42 0.00	39.25 0.27 0.00	38.88 0.31 0.00	39.70 0.20 0.00	44.26 0.00 0.00	55.39 -0.17 0.00	64.67 0.13 0.00	61.78 0.12 0.00	45.89 -0.14 0.00	41.21 -0.12 0.00	39.15 0.12 0.00	36.00 0.36 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.52 1.41 0.00	34.47 1.04 0.00	32.08 0.93 0.00	30.95 0.72 0.00	31.37 0.71 0.00	33.04 0.87 0.00	36.64 0.54 0.01	38.90 0.61 0.00	37.86 0.85 0.00	38.79 1.31 0.00	39.81 2.11 0.00	39.77 1.75 0.00	39.52 1.70 0.00	40.80 1.83 0.00	40.50 1.93 0.00	41.20 1.70 0.00	46.03 1.77 0.00	57.56 2.00 0.00	66.33 1.80 0.01	63.38 1.72 0.01	47.27 1.24 0.01	42.62 1.28 0.00	39.93 0.90 0.00	36.81 1.17 0.00
PJM_GEN_VFT_PROXY 323633	38.64 1.52 0.00	34.81 1.37 0.00	32.36 1.21 0.00	31.22 1.00 0.00	31.64 0.98 0.00	33.49 1.32 0.00	37.33 1.23 0.00	39.67 1.38 0.00	38.60 1.59 0.00	39.12 1.65 0.00	39.54 1.85 0.00	39.92 1.90 0.00	39.67 1.85 0.00	41.04 2.06 0.00	40.65 2.08 0.00	41.59 2.09 0.00	46.61 2.34 0.00	58.28 2.72 0.00	67.31 2.77 0.00	64.31 2.65 0.00	47.97 1.93 0.00	43.28 1.94 0.00	40.55 1.52 0.00	37.03 1.39 0.00
PLATSBRG_115KV_PMLD1 355749	37.67 0.56 0.00	33.94 0.50 0.00	31.74 0.59 0.00	30.86 0.63 0.00	31.40 0.74 0.00	32.98 0.80 0.00	37.11 1.01 0.00	39.09 0.80 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.32 0.00	44.79 0.53 0.00	56.62 1.06 0.00	65.76 1.23 0.00	62.71 1.05 0.00	46.77 0.74 0.00	41.71 0.37 0.00	39.50 0.47 0.00	36.07 0.43 0.00
PLEASANTVLY___LBMP 24000	38.52 1.41 0.00	34.70 1.27 0.00	32.24 1.09 0.00	31.22 1.00 0.00	31.65 0.98 0.00	33.33 1.16 0.00	37.29 1.19 0.00	39.52 1.23 0.00	38.34 1.33 0.00	38.86 1.39 0.00	39.28 1.58 0.00	39.65 1.63 0.00	39.48 1.66 0.00	40.73 1.75 0.00	40.38 1.81 0.00	41.32 1.82 0.00	46.39 2.12 0.00	58.17 2.61 0.00	67.18 2.65 0.00	64.19 2.53 0.00	47.92 1.89 0.00	43.16 1.82 0.00	40.48 1.44 0.00	36.89 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.82 1.71 0.00	34.94 1.50 0.00	32.42 1.28 0.00	31.40 1.18 0.00	31.83 1.17 0.00	33.56 1.38 0.00	37.47 1.37 0.00	39.78 1.49 0.00	38.60 1.59 0.00	39.20 1.72 0.00	39.66 1.96 0.00	40.03 2.02 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.77 2.20 0.00	41.67 2.17 0.00	46.74 2.48 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.14 1.50 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.82 1.71 0.00	34.94 1.50 0.00	32.42 1.28 0.00	31.40 1.18 0.00	31.83 1.17 0.00	33.56 1.38 0.00	37.47 1.37 0.00	39.78 1.49 0.00	38.60 1.59 0.00	39.20 1.72 0.00	39.66 1.96 0.00	40.03 2.02 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.77 2.20 0.00	41.67 2.17 0.00	46.74 2.48 0.00	58.56 3.00 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.75 1.72 0.00	37.14 1.50 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.75 1.63 0.00	34.90 1.47 0.00	32.39 1.25 0.00	31.37 1.15 0.00	31.80 1.13 0.00	33.49 1.32 0.00	37.44 1.34 0.00	39.67 1.38 0.00	38.49 1.48 0.00	39.05 1.57 0.00	39.47 1.77 0.00	39.84 1.82 0.00	39.67 1.85 0.00	40.92 1.95 0.00	40.58 2.01 0.00	41.56 2.05 0.00	46.70 2.43 0.00	58.56 3.00 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.45 2.11 0.00	40.67 1.64 0.00	37.10 1.46 0.00
POLETTI____ 23519	24.68 1.34 13.77	23.06 1.24 11.61	22.34 0.97 9.78	22.43 0.85 8.64	22.44 0.80 9.02	22.44 1.03 10.76	24.62 0.87 12.35	25.13 0.88 14.04	22.89 1.11 15.23	22.93 1.20 15.75	24.25 1.51 14.96	24.25 1.60 15.37	24.40 1.66 15.08	24.25 1.75 16.48	24.25 1.77 16.10	24.21 1.74 17.03	24.75 1.86 21.37	41.56 2.06 16.05	50.58 1.94 15.90	47.56 1.79 15.89	26.92 1.38 20.49	27.16 1.53 15.71	24.53 1.17 15.67	26.73 1.07 9.98
POMONA___ESR 323819	38.74 1.63 0.00	34.87 1.44 0.00	32.42 1.28 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.52 1.35 0.00	37.44 1.34 0.00	39.75 1.45 0.00	38.60 1.59 0.00	39.16 1.69 0.00	39.54 1.85 0.00	39.96 1.94 0.00	39.67 1.85 0.00	41.04 2.06 0.00	40.69 2.12 0.00	41.63 2.13 0.00	46.74 2.48 0.00	58.56 3.00 0.00	67.76 3.23 0.00	64.68 3.02 0.00	48.29 2.26 0.00	43.45 2.11 0.00	40.71 1.68 0.00	37.14 1.50 0.00
PORT_JEFF_3 23555	38.82 1.71 0.00	34.64 1.20 0.00	32.21 1.06 0.00	31.01 0.78 0.00	31.46 0.80 0.00	33.11 0.93 0.00	36.64 0.54 0.01	38.98 0.69 0.00	37.93 0.93 0.00	39.01 1.54 0.00	40.26 2.56 0.00	39.92 1.90 0.00	39.70 1.89 0.00	41.04 2.06 0.00	40.73 2.16 0.00	41.40 1.90 0.00	46.16 1.90 0.00	57.72 2.16 0.00	66.20 1.68 0.01	63.19 1.54 0.01	47.31 1.29 0.01	42.66 1.32 0.00	39.97 0.94 0.00	37.03 1.39 0.00
PORT_JEFF_4 23616	38.82 1.71 0.00	34.64 1.20 0.00	32.21 1.06 0.00	31.01 0.78 0.00	31.46 0.80 0.00	33.11 0.93 0.00	36.64 0.54 0.01	38.98 0.69 0.00	37.93 0.93 0.00	39.01 1.54 0.00	40.26 2.56 0.00	39.92 1.90 0.00	39.70 1.89 0.00	41.04 2.06 0.00	40.73 2.16 0.00	41.40 1.90 0.00	46.16 1.90 0.00	57.72 2.16 0.00	66.20 1.68 0.01	63.19 1.54 0.01	47.31 1.29 0.01	42.66 1.32 0.00	39.97 0.94 0.00	37.03 1.39 0.00

PORT_JEFF_IC 23713	38.89 1.78 0.00	34.77 1.34 0.00	32.17 1.03 0.00	31.07 0.85 0.00	31.49 0.83 0.00	33.17 1.00 0.00	36.71 0.61 0.01	39.06 0.77 0.00	38.15 1.15 0.00	39.13 1.65 0.00	39.70 2.00 0.00	40.00 1.98 0.00	40.12 2.31 0.00	41.19 2.22 0.00	41.00 2.43 0.00	41.48 1.98 0.00	46.21 1.95 0.00	57.89 2.33 0.00	66.08 1.55 0.01	63.07 1.42 0.01	47.41 1.38 0.01	42.83 1.49 0.00	40.59 1.56 0.00	37.10 1.46 0.00
PPL PILGRIM_ST_GT1 24216	39.01 1.89 0.00	34.81 1.37 0.00	32.36 1.21 0.00	31.19 0.97 0.00	31.62 0.95 0.00	33.30 1.13 0.00	36.85 0.76 0.01	39.21 0.92 0.00	38.08 1.07 0.00	39.16 1.69 0.00	40.34 2.64 0.00	40.07 2.05 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.89 2.31 0.00	41.55 2.05 0.00	46.39 2.12 0.00	58.06 2.50 0.00	66.85 2.32 0.01	63.87 2.22 0.01	47.59 1.57 0.01	42.87 1.53 0.00	40.24 1.21 0.00	37.17 1.53 0.00
PPL PILGRIM_ST_GT2 24217	39.01 1.89 0.00	34.81 1.37 0.00	32.36 1.21 0.00	31.19 0.97 0.00	31.62 0.95 0.00	33.30 1.13 0.00	36.85 0.76 0.01	39.21 0.92 0.00	38.08 1.07 0.00	39.16 1.69 0.00	40.34 2.64 0.00	40.07 2.05 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.89 2.31 0.00	41.55 2.05 0.00	46.39 2.12 0.00	58.06 2.50 0.00	66.85 2.32 0.01	63.87 2.22 0.01	47.59 1.57 0.01	42.87 1.53 0.00	40.24 1.21 0.00	37.17 1.53 0.00
PPL_SHRM_GT3 24213	38.49 1.37 0.00	34.30 0.87 0.00	31.86 0.72 0.00	30.71 0.48 0.00	31.12 0.46 0.00	32.78 0.61 0.00	36.24 0.14 0.01	38.56 0.27 0.00	37.52 0.52 0.00	38.64 1.16 0.00	39.96 2.26 0.00	39.54 1.52 0.00	39.37 1.55 0.00	40.68 1.71 0.00	40.39 1.81 0.00	41.04 1.54 0.00	45.77 1.51 0.00	57.28 1.72 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.95 0.92 0.01	42.29 0.95 0.00	39.58 0.55 0.00	36.71 1.07 0.00
PPL_SHRM_GT4 24214	38.49 1.37 0.00	34.30 0.87 0.00	31.86 0.72 0.00	30.71 0.48 0.00	31.12 0.46 0.00	32.78 0.61 0.00	36.24 0.14 0.01	38.56 0.27 0.00	37.52 0.52 0.00	38.64 1.16 0.00	39.96 2.26 0.00	39.54 1.52 0.00	39.37 1.55 0.00	40.68 1.71 0.00	40.39 1.81 0.00	41.04 1.54 0.00	45.77 1.51 0.00	57.28 1.72 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.95 0.92 0.01	42.29 0.95 0.00	39.58 0.55 0.00	36.71 1.07 0.00
PROJECT___ORANGE 1 24174	36.71 -0.41 0.00	33.07 -0.37 0.00	30.74 -0.40 0.00	29.86 -0.36 0.00	30.30 -0.37 0.00	31.75 -0.42 0.00	35.63 -0.47 0.00	37.95 -0.34 0.00	36.64 -0.37 0.00	37.10 -0.37 0.00	37.21 -0.49 0.00	37.52 -0.49 0.00	37.40 -0.42 0.00	38.50 -0.47 0.00	38.11 -0.46 0.00	39.07 -0.43 0.00	43.51 -0.75 0.00	54.62 -0.94 0.00	63.70 -0.84 0.00	60.92 -0.74 0.00	45.39 -0.64 0.00	40.72 -0.62 0.00	38.60 -0.43 0.00	35.32 -0.32 0.00
PROJECT___ORANGE 2 24166	36.71 -0.41 0.00	33.07 -0.37 0.00	30.74 -0.40 0.00	29.86 -0.36 0.00	30.30 -0.37 0.00	31.75 -0.42 0.00	35.63 -0.47 0.00	37.95 -0.34 0.00	36.64 -0.37 0.00	37.10 -0.37 0.00	37.21 -0.49 0.00	37.52 -0.49 0.00	37.40 -0.42 0.00	38.50 -0.47 0.00	38.11 -0.46 0.00	39.07 -0.43 0.00	43.51 -0.75 0.00	54.62 -0.94 0.00	63.70 -0.84 0.00	60.92 -0.74 0.00	45.39 -0.64 0.00	40.72 -0.62 0.00	38.60 -0.43 0.00	35.32 -0.32 0.00
PUCKETT___SOLAR 323809	37.63 0.52 0.00	33.97 0.53 0.00	31.61 0.47 0.00	30.68 0.45 0.00	31.12 0.46 0.00	32.62 0.45 0.00	36.64 0.54 0.00	39.06 0.77 0.00	37.71 0.70 0.00	38.00 0.52 0.00	37.93 0.23 0.00	38.21 0.19 0.00	38.19 0.38 0.00	39.21 0.24 0.00	38.84 0.27 0.00	39.82 0.31 0.00	44.57 0.31 0.00	56.17 0.61 0.00	65.63 1.10 0.00	62.83 1.17 0.00	46.81 0.78 0.00	41.87 0.54 0.00	39.69 0.66 0.00	36.28 0.64 0.00
PYRITES___HYD 24023	38.08 0.96 0.00	34.30 0.87 0.00	31.96 0.81 0.00	31.01 0.79 0.00	31.49 0.83 0.00	33.11 0.93 0.00	37.29 1.19 0.00	39.29 1.00 0.00	37.78 0.78 0.00	38.08 0.60 0.00	38.45 0.75 0.00	38.74 0.72 0.00	38.19 0.38 0.00	39.40 0.43 0.00	38.88 0.31 0.00	39.90 0.40 0.00	44.79 0.53 0.00	56.39 0.83 0.00	65.83 1.29 0.00	63.08 1.42 0.00	47.51 1.47 0.00	42.62 1.28 0.00	40.28 1.25 0.00	36.57 0.93 0.00
QUAKERRD_115KV_BK1 80622	35.96 -1.15 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.47 -0.76 0.00	29.81 -0.86 0.00	31.18 -1.00 0.00	34.98 -1.12 0.00	37.41 -0.88 0.00	36.01 -1.00 0.00	36.54 -0.94 0.00	36.42 -1.28 0.00	36.80 -1.22 0.00	36.72 -1.10 0.00	37.80 -1.17 0.00	37.30 -1.27 0.00	38.12 -1.38 0.00	42.18 -2.08 0.00	52.73 -2.83 0.00	62.02 -2.52 0.00	59.32 -2.34 0.00	43.96 -2.07 0.00	39.48 -1.86 0.00	37.70 -1.33 0.00	34.75 -0.89 0.00
QUENSBRY_115KV_TB8 356137	38.30 1.19 0.00	34.47 1.04 0.00	32.17 1.03 0.00	31.10 0.88 0.00	31.55 0.89 0.00	33.11 0.93 0.00	37.11 1.01 0.00	39.21 0.92 0.00	37.75 0.74 0.00	38.23 0.75 0.00	38.45 0.75 0.00	38.67 0.65 0.00	38.38 0.57 0.00	39.56 0.58 0.00	39.27 0.69 0.00	40.33 0.83 0.00	45.68 1.42 0.00	57.56 2.00 0.00	67.12 2.58 0.00	63.94 2.28 0.00	47.83 1.80 0.00	42.62 1.28 0.00	40.24 1.21 0.00	36.57 0.93 0.00
RAMAPO___LBMP 323565	38.64 1.52 0.00	34.77 1.34 0.00	32.30 1.15 0.00	31.25 1.03 0.00	31.71 1.04 0.00	33.43 1.25 0.00	37.37 1.26 0.00	39.67 1.38 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.43 1.73 0.00	39.81 1.79 0.00	39.67 1.85 0.00	40.92 1.95 0.00	40.58 2.01 0.00	41.52 2.01 0.00	46.61 2.35 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.50 2.84 0.00	48.15 2.12 0.00	43.36 2.03 0.00	40.63 1.60 0.00	37.07 1.43 0.00
RANKINE____ 23646	36.19 -0.93 0.00	32.90 -0.53 0.00	30.87 -0.28 0.00	30.04 -0.18 0.00	30.39 -0.28 0.00	31.56 -0.61 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.49 -0.52 0.00	36.91 -0.56 0.00	36.23 -1.47 0.00	36.65 -1.37 0.00	36.79 -1.02 0.00	37.69 -1.29 0.00	37.11 -1.47 0.00	37.76 -1.74 0.00	41.34 -2.92 0.00	51.55 -4.00 0.00	61.11 -3.42 0.00	58.39 -3.27 0.00	42.94 -3.08 0.00	38.53 -2.81 0.00	37.55 -1.48 0.00	35.21 -0.43 0.00
RAVENSWOOD_GT2_1 24244	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.73 2.04 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.53 2.19 0.00	40.83 1.80 0.00	37.24 1.60 0.00
RAVENSWOOD_GT2_2 24245	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.73 2.04 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.64 3.10 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.53 2.19 0.00	40.83 1.80 0.00	37.24 1.60 0.00

RAVENSWOOD_GT2_3 24246	38.93 1.82 0.00	35.04 1.60 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.19 2.17 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.92 2.35 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.28 1.64 0.00
RAVENSWOOD_GT2_4 24247	38.93 1.82 0.00	35.04 1.60 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.19 2.17 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.92 2.35 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.28 1.64 0.00
RAVENSWOOD_GT3_1 24248	38.93 1.82 0.00	35.04 1.60 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.53 2.19 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT3_2 24249	38.93 1.82 0.00	35.04 1.60 0.00	32.52 1.37 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.53 2.19 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT3_3 24250	38.97 1.86 0.00	35.07 1.64 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.90 1.61 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.05 2.23 0.00	41.31 2.34 0.00	40.96 2.39 0.00	41.87 2.37 0.00	46.92 2.66 0.00	58.73 3.17 0.00	67.76 3.23 0.00	64.74 3.08 0.00	48.29 2.26 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
RAVENSWOOD_GT3_4 24251	38.97 1.86 0.00	35.07 1.64 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.90 1.61 0.00	38.82 1.81 0.00	39.39 1.91 0.00	39.81 2.11 0.00	40.22 2.21 0.00	40.05 2.23 0.00	41.31 2.34 0.00	40.96 2.39 0.00	41.87 2.37 0.00	46.92 2.66 0.00	58.73 3.17 0.00	67.76 3.23 0.00	64.74 3.08 0.00	48.29 2.26 0.00	43.61 2.27 0.00	40.91 1.87 0.00	37.28 1.64 0.00
RAVENSWOOD_GT_1 23729	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.75 1.58 0.00	37.55 1.44 0.00	39.82 1.53 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.04 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.37 2.84 0.01	64.36 2.71 0.01	48.05 2.03 0.01	43.49 2.15 0.00	40.83 1.80 0.00	37.28 1.64 0.00
RAVENSWOOD_GT_10 24258	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT_11 24259	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT_4 24252	38.89 1.78 0.00	35.01 1.57 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.92 2.35 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.77 3.23 -0.01	64.75 3.08 -0.01	48.29 2.26 -0.01	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT_5 24254	38.89 1.78 0.00	35.01 1.57 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.92 2.35 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.77 3.23 -0.01	64.75 3.08 -0.01	48.29 2.26 -0.01	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT_6 24253	38.89 1.78 0.00	35.01 1.57 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.92 2.35 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.77 3.23 -0.01	64.75 3.08 -0.01	48.29 2.26 -0.01	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT_7 24255	38.89 1.78 0.00	35.01 1.57 0.00	32.49 1.34 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.92 2.35 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.67 3.11 0.00	67.77 3.23 -0.01	64.75 3.08 -0.01	48.29 2.26 -0.01	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00
RAVENSWOOD_GT_9 24257	38.93 1.82 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.86 1.20 0.00	33.65 1.48 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.35 1.87 0.00	39.77 2.07 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.62 3.06 0.00	67.70 3.16 0.00	64.68 3.02 0.00	48.24 2.21 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.24 1.60 0.00

RAVENSWOOD___1 23533	38.93 1.82 0.00	35.17 1.74 0.00	32.70 1.56 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.75 1.58 0.00	37.55 1.45 0.00	39.82 1.53 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.03 0.00	40.15 2.13 0.00	39.86 2.04 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.37 2.84 0.01	64.36 2.71 0.01	48.00 1.98 0.01	43.45 2.11 0.00	40.75 1.72 0.00	37.28 1.64 0.00
RAVENSWOOD___2 23534	38.86 1.74 0.00	35.10 1.67 0.00	32.64 1.49 0.00	31.49 1.27 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.47 1.37 0.00	39.75 1.45 0.00	38.63 1.63 0.00	39.20 1.72 0.00	39.69 2.00 0.00	40.07 2.05 0.00	39.78 1.97 0.00	41.19 2.22 0.00	40.77 2.20 0.00	41.71 2.21 0.00	46.65 2.39 0.00	58.00 2.44 0.00	66.92 2.39 0.01	63.93 2.28 0.01	47.73 1.70 0.01	43.36 2.03 0.00	40.67 1.64 0.00	37.21 1.57 0.00
RAVENSWOOD___3 23535	38.89 1.78 0.00	35.04 1.60 0.00	32.58 1.43 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.65 1.48 0.00	37.55 1.45 0.00	39.86 1.57 0.00	38.74 1.74 0.00	39.31 1.84 0.00	39.77 2.07 0.00	40.15 2.13 0.00	39.89 2.08 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.83 2.33 0.00	46.87 2.61 0.00	58.61 3.05 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.79 1.76 0.00	37.24 1.61 0.00
RAVENSWOOD___4 23820	38.89 1.78 0.00	35.17 1.74 0.00	32.70 1.56 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.55 1.45 0.00	39.82 1.53 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.03 0.00	40.15 2.13 0.00	39.86 2.04 0.00	41.27 2.30 0.00	40.85 2.28 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.37 2.84 0.01	64.36 2.71 0.01	48.00 1.98 0.01	43.45 2.11 0.00	40.75 1.72 0.00	37.28 1.64 0.00
RCPL_TRUST___DRP 24196	38.97 1.86 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.90 1.61 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.81 2.11 0.00	40.19 2.17 0.00	40.05 2.23 0.00	41.31 2.34 0.00	40.92 2.35 0.00	41.87 2.37 0.00	46.92 2.66 0.00	58.73 3.17 0.00	67.76 3.23 0.00	64.74 3.08 0.00	48.29 2.26 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.28 1.64 0.00
RED___ROCHESTER 323720	36.93 -0.18 0.00	33.37 -0.07 0.00	31.18 0.03 0.00	30.25 0.03 0.00	30.60 -0.06 0.00	32.01 -0.16 0.00	35.89 -0.22 0.00	38.44 0.15 0.00	36.93 -0.07 0.00	37.51 0.04 0.00	37.28 -0.41 0.00	37.71 -0.31 0.00	37.93 0.11 0.00	38.78 -0.19 0.00	38.26 -0.31 0.00	39.07 -0.43 0.00	43.16 -1.10 0.00	53.84 -1.72 0.00	63.44 -1.10 0.00	60.67 -0.99 0.00	45.02 -1.01 0.00	40.43 -0.91 0.00	38.76 -0.27 0.00	35.71 0.07 0.00
REGAN___SOLAR 323812	38.97 1.85 0.00	35.10 1.67 0.00	32.73 1.59 0.00	31.64 1.42 0.00	32.11 1.44 0.00	33.75 1.58 0.00	37.83 1.73 0.00	39.97 1.68 0.00	38.04 1.03 0.00	38.04 0.56 0.00	37.93 0.23 0.00	38.10 0.08 0.00	37.85 0.04 0.00	39.21 0.24 0.00	39.07 0.50 0.00	40.37 0.87 0.00	46.03 1.77 0.00	58.45 2.89 0.00	68.41 3.87 0.00	65.23 3.57 0.00	48.80 2.76 0.00	43.53 2.19 0.00	41.10 2.07 0.00	37.32 1.68 0.00
RENSSELAER___COGEN 23796	37.48 0.37 0.00	33.77 0.33 0.00	31.52 0.38 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.46 0.36 0.00	38.60 0.30 0.00	37.34 0.33 0.00	37.81 0.34 0.00	38.11 0.42 0.00	38.36 0.34 0.00	38.12 0.30 0.00	39.36 0.39 0.00	39.07 0.50 0.00	40.01 0.51 0.00	45.01 0.75 0.00	56.50 0.94 0.00	65.37 0.84 0.00	62.40 0.74 0.00	46.68 0.64 0.00	41.87 0.54 0.00	39.34 0.31 0.00	35.89 0.25 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.75 2.64 0.00	35.74 2.31 0.00	33.39 2.24 0.00	32.22 1.99 0.00	32.69 2.02 0.00	34.36 2.19 0.00	38.48 2.38 0.00	40.63 2.34 0.00	38.93 1.92 0.00	39.43 1.95 0.00	39.62 1.92 0.00	39.73 1.71 0.00	39.33 1.51 0.00	40.53 1.56 0.00	40.23 1.66 0.00	41.40 1.90 0.00	47.09 2.83 0.00	59.56 4.00 0.00	69.89 5.36 0.00	66.47 4.81 0.00	49.81 3.77 0.00	44.11 2.77 0.00	41.72 2.69 0.00	37.81 2.17 0.00
REVERE_CPPR_DRP 24186	37.93 0.82 0.00	34.17 0.74 0.00	31.77 0.62 0.00	30.83 0.60 0.00	31.31 0.64 0.00	32.85 0.68 0.00	36.97 0.87 0.00	39.32 1.03 0.00	37.89 0.89 0.00	38.19 0.71 0.00	38.41 0.72 0.00	38.67 0.65 0.00	38.46 0.64 0.00	39.59 0.62 0.00	39.27 0.69 0.00	40.29 0.79 0.00	45.19 0.93 0.00	56.78 1.22 0.00	66.15 1.61 0.00	63.39 1.73 0.00	47.41 1.38 0.00	42.50 1.16 0.00	40.12 1.09 0.00	36.46 0.82 0.00
REYNLDPA_13_KV_LD 356490	37.41 0.30 0.00	33.70 0.27 0.00	31.43 0.28 0.00	30.49 0.27 0.00	30.97 0.31 0.00	32.53 0.35 0.00	36.54 0.43 0.00	38.56 0.27 0.00	37.27 0.26 0.00	37.78 0.30 0.00	38.07 0.38 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.24 0.00	38.65 0.08 0.00	39.58 0.08 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.09 0.43 0.00	46.45 0.41 0.00	41.59 0.25 0.00	39.38 0.35 0.00	35.92 0.28 0.00
REYNOLDS_115KV_TB3 80639	37.86 0.74 0.00	34.07 0.64 0.00	31.77 0.62 0.00	30.80 0.57 0.00	31.25 0.58 0.00	32.82 0.64 0.00	36.79 0.69 0.00	38.90 0.61 0.00	37.63 0.63 0.00	38.11 0.64 0.00	38.45 0.75 0.00	38.74 0.72 0.00	38.53 0.72 0.00	39.75 0.78 0.00	39.42 0.85 0.00	40.37 0.87 0.00	45.41 1.15 0.00	57.06 1.50 0.00	66.02 1.48 0.00	63.02 1.36 0.00	47.09 1.06 0.00	42.29 0.95 0.00	39.73 0.70 0.00	36.21 0.57 0.00
RIVERBAY____ 323610	39.23 2.12 0.00	35.41 1.97 0.00	32.83 1.68 0.00	31.73 1.51 0.00	32.14 1.47 0.00	33.94 1.77 0.00	37.76 1.66 0.00	40.01 1.72 0.00	38.89 1.89 0.00	39.43 1.95 0.00	39.88 2.19 0.00	40.30 2.28 0.00	40.16 2.34 0.00	41.43 2.46 0.00	41.04 2.47 0.00	41.91 2.41 0.00	46.92 2.66 0.00	58.56 3.00 0.00	67.63 3.10 0.01	64.61 2.96 0.01	48.24 2.21 0.01	43.61 2.27 0.00	40.98 1.95 0.00	37.46 1.82 0.00
RIVERSDE_115KV_TB3 55908	37.67 0.56 0.00	33.94 0.50 0.00	31.65 0.50 0.00	30.68 0.45 0.00	31.12 0.46 0.00	32.69 0.51 0.00	36.64 0.54 0.00	38.75 0.46 0.00	37.49 0.48 0.00	37.96 0.49 0.00	38.30 0.60 0.00	38.55 0.53 0.00	38.34 0.53 0.00	39.56 0.58 0.00	39.27 0.69 0.00	40.21 0.71 0.00	45.24 0.97 0.00	56.78 1.22 0.00	65.76 1.23 0.00	62.71 1.05 0.00	46.91 0.87 0.00	42.08 0.74 0.00	39.58 0.55 0.00	36.07 0.43 0.00
ROARING___BROOK_WT_PWR 323790	36.59 -0.52 0.00	32.97 -0.47 0.00	30.74 -0.41 0.00	29.89 -0.33 0.00	30.36 -0.31 0.00	31.88 -0.29 0.00	35.81 -0.29 0.00	37.95 -0.35 0.00	36.71 -0.30 0.00	37.25 -0.22 0.00	37.59 -0.11 0.00	37.94 -0.08 0.00	37.70 -0.11 0.00	38.85 -0.12 0.00	38.42 -0.15 0.00	39.30 -0.20 0.00	44.04 -0.22 0.00	55.23 -0.33 0.00	64.02 -0.52 0.00	61.04 -0.62 0.00	45.57 -0.46 0.00	40.88 -0.45 0.00	38.60 -0.43 0.00	35.25 -0.39 0.00

ROCHESRG_115KV_T4 355643	36.59 -0.52 0.00	33.07 -0.37 0.00	30.84 -0.31 0.00	30.01 -0.21 0.00	30.39 -0.28 0.00	31.75 -0.42 0.00	35.60 -0.51 0.00	38.10 -0.19 0.00	36.64 -0.37 0.00	37.14 -0.34 0.00	36.94 -0.75 0.00	37.33 -0.68 0.00	37.29 -0.53 0.00	38.39 -0.58 0.00	37.84 -0.73 0.00	38.67 -0.83 0.00	42.71 -1.55 0.00	53.28 -2.28 0.00	62.86 -1.68 0.00	60.06 -1.60 0.00	44.52 -1.52 0.00	39.97 -1.36 0.00	38.29 -0.74 0.00	35.35 -0.29 0.00
ROCHESTER_9_IC 23652	36.74 -0.37 0.00	33.23 -0.20 0.00	30.96 -0.19 0.00	30.16 -0.06 0.00	30.51 -0.15 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.29 0.00 0.00	36.82 -0.19 0.00	37.33 -0.15 0.00	37.13 -0.57 0.00	37.56 -0.46 0.00	37.51 -0.30 0.00	38.58 -0.39 0.00	38.07 -0.50 0.00	38.91 -0.59 0.00	42.93 -1.33 0.00	53.56 -2.00 0.00	63.18 -1.36 0.00	60.43 -1.23 0.00	44.75 -1.29 0.00	40.22 -1.12 0.00	38.49 -0.55 0.00	35.57 -0.07 0.00
ROCKVIEW_13_KV_LD 356306	38.97 1.86 0.00	35.07 1.64 0.00	32.55 1.40 0.00	31.49 1.27 0.00	31.92 1.26 0.00	33.69 1.51 0.00	37.62 1.52 0.00	39.94 1.65 0.00	38.78 1.78 0.00	39.39 1.91 0.00	39.88 2.19 0.00	40.26 2.24 0.00	40.12 2.31 0.00	41.39 2.42 0.00	41.00 2.43 0.00	41.87 2.37 0.00	46.96 2.70 0.00	58.84 3.28 0.00	67.96 3.42 0.00	64.87 3.21 0.00	48.43 2.39 0.00	43.65 2.31 0.00	40.91 1.87 0.00	37.31 1.68 0.00
ROME____115KV_TB2 80656	37.93 0.82 0.00	34.17 0.74 0.00	31.77 0.62 0.00	30.83 0.60 0.00	31.31 0.64 0.00	32.85 0.68 0.00	36.97 0.87 0.00	39.32 1.03 0.00	37.89 0.89 0.00	38.19 0.71 0.00	38.41 0.72 0.00	38.67 0.65 0.00	38.46 0.64 0.00	39.59 0.62 0.00	39.27 0.69 0.00	40.29 0.79 0.00	45.19 0.93 0.00	56.78 1.22 0.00	66.15 1.61 0.00	63.39 1.73 0.00	47.41 1.38 0.00	42.50 1.16 0.00	40.12 1.09 0.00	36.46 0.82 0.00
ROSETON____1 23587	38.52 1.41 0.00	34.67 1.24 0.00	32.27 1.12 0.00	31.22 1.00 0.00	31.64 0.98 0.00	33.33 1.16 0.00	37.29 1.19 0.00	39.52 1.22 0.00	38.34 1.33 0.00	38.90 1.42 0.00	39.32 1.62 0.00	39.65 1.63 0.00	39.40 1.59 0.00	40.73 1.76 0.00	40.39 1.81 0.00	41.32 1.82 0.00	46.39 2.12 0.00	58.12 2.56 0.00	67.18 2.65 0.00	64.13 2.47 0.00	47.88 1.84 0.00	43.11 1.78 0.00	40.40 1.37 0.00	36.89 1.25 0.00
ROSETON____2 23588	38.52 1.41 0.00	34.67 1.24 0.00	32.27 1.12 0.00	31.22 1.00 0.00	31.64 0.98 0.00	33.33 1.16 0.00	37.29 1.19 0.00	39.52 1.22 0.00	38.34 1.33 0.00	38.90 1.42 0.00	39.32 1.62 0.00	39.65 1.63 0.00	39.40 1.59 0.00	40.73 1.76 0.00	40.39 1.81 0.00	41.32 1.82 0.00	46.39 2.12 0.00	58.12 2.56 0.00	67.18 2.65 0.00	64.13 2.47 0.00	47.88 1.84 0.00	43.11 1.78 0.00	40.40 1.37 0.00	36.89 1.25 0.00
ROTRDAM_115KV_TB3 80664	38.00 0.89 0.00	34.24 0.80 0.00	31.89 0.75 0.00	30.89 0.66 0.00	31.34 0.67 0.00	32.91 0.74 0.00	36.90 0.79 0.00	39.06 0.77 0.00	37.71 0.70 0.00	38.15 0.67 0.00	38.41 0.72 0.00	38.70 0.68 0.00	38.50 0.68 0.00	39.71 0.74 0.00	39.34 0.77 0.00	40.33 0.83 0.00	45.41 1.15 0.00	57.06 1.50 0.00	66.22 1.68 0.00	63.20 1.54 0.00	47.28 1.24 0.00	42.41 1.07 0.00	39.93 0.90 0.00	36.42 0.78 0.00
RUSSELL____1 23602	36.89 -0.22 0.00	33.37 -0.07 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.60 -0.06 0.00	32.01 -0.16 0.00	35.89 -0.22 0.00	38.44 0.15 0.00	36.93 -0.07 0.00	37.51 0.04 0.00	37.32 -0.38 0.00	37.71 -0.30 0.00	37.70 -0.11 0.00	38.78 -0.19 0.00	38.26 -0.31 0.00	39.11 -0.40 0.00	43.16 -1.11 0.00	53.78 -1.78 0.00	63.44 -1.10 0.00	60.67 -0.99 0.00	45.02 -1.01 0.00	40.43 -0.91 0.00	38.68 -0.35 0.00	35.71 0.07 0.00
RUSSELL____2 23532	36.89 -0.22 0.00	33.37 -0.07 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.60 -0.06 0.00	32.01 -0.16 0.00	35.89 -0.22 0.00	38.44 0.15 0.00	36.93 -0.07 0.00	37.51 0.04 0.00	37.32 -0.38 0.00	37.71 -0.30 0.00	37.70 -0.11 0.00	38.78 -0.19 0.00	38.26 -0.31 0.00	39.11 -0.40 0.00	43.16 -1.11 0.00	53.78 -1.78 0.00	63.44 -1.10 0.00	60.67 -0.99 0.00	45.02 -1.01 0.00	40.43 -0.91 0.00	38.68 -0.35 0.00	35.71 0.07 0.00
RUSSELL____3 23549	36.89 -0.22 0.00	33.37 -0.07 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.60 -0.06 0.00	32.01 -0.16 0.00	35.89 -0.22 0.00	38.44 0.15 0.00	36.93 -0.07 0.00	37.51 0.04 0.00	37.32 -0.38 0.00	37.71 -0.30 0.00	37.70 -0.11 0.00	38.78 -0.19 0.00	38.26 -0.31 0.00	39.11 -0.40 0.00	43.16 -1.11 0.00	53.78 -1.78 0.00	63.44 -1.10 0.00	60.67 -0.99 0.00	45.02 -1.01 0.00	40.43 -0.91 0.00	38.68 -0.35 0.00	35.71 0.07 0.00
RUSSELL____4 23556	36.89 -0.22 0.00	33.37 -0.07 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.60 -0.06 0.00	32.01 -0.16 0.00	35.89 -0.22 0.00	38.44 0.15 0.00	36.93 -0.07 0.00	37.51 0.04 0.00	37.32 -0.38 0.00	37.71 -0.30 0.00	37.70 -0.11 0.00	38.78 -0.19 0.00	38.26 -0.31 0.00	39.11 -0.40 0.00	43.16 -1.11 0.00	53.78 -1.78 0.00	63.44 -1.10 0.00	60.67 -0.99 0.00	45.02 -1.01 0.00	40.43 -0.91 0.00	38.68 -0.35 0.00	35.71 0.07 0.00
RUSSELL____STATION 23914	36.89 -0.22 0.00	33.37 -0.07 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.60 -0.06 0.00	32.01 -0.16 0.00	35.89 -0.22 0.00	38.44 0.15 0.00	36.93 -0.07 0.00	37.51 0.04 0.00	37.32 -0.38 0.00	37.71 -0.30 0.00	37.70 -0.11 0.00	38.78 -0.19 0.00	38.26 -0.31 0.00	39.11 -0.40 0.00	43.16 -1.11 0.00	53.78 -1.78 0.00	63.44 -1.10 0.00	60.67 -0.99 0.00	45.02 -1.01 0.00	40.43 -0.91 0.00	38.68 -0.35 0.00	35.71 0.07 0.00
S SALMON____HYD 24043	36.86 -0.26 0.00	33.20 -0.23 0.00	30.90 -0.25 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.81 -0.29 0.00	38.10 -0.19 0.00	36.82 -0.18 0.00	37.18 -0.30 0.00	37.28 -0.41 0.00	37.56 -0.45 0.00	37.44 -0.38 0.00	38.51 -0.47 0.00	38.15 -0.42 0.00	39.11 -0.39 0.00	43.51 -0.75 0.00	54.73 -0.83 0.00	63.83 -0.71 0.00	61.16 -0.50 0.00	45.80 -0.23 0.00	41.13 -0.21 0.00	38.95 -0.08 0.00	35.46 -0.18 0.00
S.PERRY__115KV_TB1 80734	37.74 0.63 0.00	34.14 0.70 0.00	31.74 0.59 0.00	30.95 0.73 0.00	31.31 0.64 0.00	32.69 0.51 0.00	36.72 0.61 0.00	39.40 1.11 0.00	37.63 0.63 0.00	37.81 0.34 0.00	37.36 -0.34 0.00	37.64 -0.38 0.00	37.66 -0.15 0.00	38.78 -0.19 0.00	38.30 -0.27 0.00	39.22 -0.28 0.00	43.46 -0.80 0.00	54.78 -0.78 0.00	65.12 0.58 0.00	62.27 0.62 0.00	46.08 0.05 0.00	41.26 -0.08 0.00	39.54 0.51 0.00	36.60 0.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.07 -1.04 0.00	32.77 -0.67 0.00	30.74 -0.40 0.00	29.98 -0.24 0.00	30.30 -0.37 0.00	31.47 -0.71 0.00	35.24 -0.87 0.00	37.83 -0.46 0.00	36.30 -0.70 0.00	36.73 -0.75 0.00	36.08 -1.62 0.00	36.50 -1.52 0.00	36.60 -1.21 0.00	37.49 -1.48 0.00	36.95 -1.62 0.00	37.57 -1.94 0.00	40.94 -3.32 0.01	50.94 -4.61 0.01	60.53 -4.00 0.01	57.89 -3.76 0.01	42.53 -3.50 0.01	38.24 -3.10 0.00	37.31 -1.72 0.00	35.03 -0.61 0.00

SAWYER___23_KV_LOAD 55526	36.07 -1.04 0.00	32.77 -0.67 0.00	30.74 -0.40 0.00	29.98 -0.24 0.00	30.30 -0.37 0.00	31.47 -0.71 0.00	35.24 -0.87 0.00	37.83 -0.46 0.00	36.30 -0.70 0.00	36.73 -0.75 0.00	36.08 -1.62 0.00	36.50 -1.52 0.00	36.60 -1.21 0.00	37.49 -1.48 0.00	36.95 -1.62 0.00	37.57 -1.94 0.00	40.94 -3.32 0.01	50.94 -4.61 0.01	60.53 -4.00 0.01	57.89 -3.76 0.01	42.53 -3.50 0.01	38.24 -3.10 0.00	37.31 -1.72 0.00	35.03 -0.61 0.00
SELKIRK___I 23801	37.89 0.78 0.00	34.14 0.70 0.00	31.83 0.68 0.00	30.86 0.64 0.00	31.31 0.64 0.00	32.85 0.68 0.00	36.79 0.68 0.00	38.94 0.65 0.00	37.60 0.59 0.00	38.04 0.56 0.00	38.30 0.60 0.00	38.55 0.53 0.00	38.27 0.46 0.00	39.56 0.59 0.00	39.23 0.66 0.00	40.21 0.71 0.00	45.28 1.02 0.00	56.89 1.33 0.00	65.89 1.36 0.00	62.89 1.23 0.00	47.05 1.01 0.00	42.25 0.91 0.00	39.73 0.70 0.00	36.28 0.64 0.00
SELKIRK___II 23799	37.63 0.52 0.00	33.87 0.43 0.00	31.58 0.44 0.00	30.61 0.39 0.00	31.06 0.40 0.00	32.62 0.45 0.00	36.54 0.43 0.00	38.71 0.42 0.00	37.41 0.41 0.00	37.93 0.45 0.00	38.23 0.53 0.00	38.48 0.46 0.00	38.23 0.42 0.00	39.48 0.51 0.00	39.15 0.58 0.00	40.13 0.63 0.00	45.10 0.84 0.00	56.56 1.00 0.00	65.51 0.97 0.00	62.52 0.86 0.00	46.77 0.73 0.00	42.00 0.66 0.00	39.50 0.47 0.00	36.03 0.39 0.00
SENECA OSWGO___HYD 24041	36.48 -0.63 0.00	32.83 -0.60 0.00	30.55 -0.59 0.00	29.68 -0.54 0.00	30.11 -0.55 0.00	31.53 -0.64 0.00	35.42 -0.69 0.00	37.68 -0.61 0.00	36.41 -0.59 0.00	36.88 -0.60 0.00	36.98 -0.72 0.00	37.26 -0.76 0.00	37.21 -0.61 0.00	38.23 -0.74 0.00	37.88 -0.69 0.00	38.79 -0.71 0.00	43.25 -1.02 0.00	54.28 -1.28 0.00	63.25 -1.29 0.00	60.49 -1.17 0.00	45.11 -0.92 0.00	40.51 -0.83 0.00	38.41 -0.63 0.00	35.07 -0.57 0.00
SENECA___115KV_TB3 355854	36.22 -0.89 0.00	32.93 -0.50 0.00	30.90 -0.25 0.00	30.07 -0.15 0.00	30.42 -0.25 0.00	31.63 -0.55 0.00	35.38 -0.72 0.00	38.02 -0.27 0.00	36.52 -0.48 0.00	36.95 -0.52 0.00	36.30 -1.39 0.00	36.69 -1.33 0.00	36.83 -0.98 0.00	37.72 -1.25 0.00	37.14 -1.43 0.00	37.80 -1.70 0.00	41.38 -2.88 0.00	51.61 -3.94 0.00	61.18 -3.36 0.00	58.45 -3.21 0.00	42.99 -3.04 0.00	38.57 -2.77 0.00	37.63 -1.41 0.00	35.25 -0.39 0.00
SENECA___ENERGY 23797	36.93 -0.18 0.00	33.27 -0.17 0.00	30.99 -0.15 0.00	30.07 -0.15 0.00	30.51 -0.15 0.00	31.95 -0.22 0.00	35.89 -0.22 0.00	38.33 0.04 0.00	36.93 -0.07 0.00	37.33 -0.15 0.00	37.21 -0.49 0.00	37.56 -0.45 0.00	37.63 -0.19 0.00	38.58 -0.39 0.00	38.19 -0.39 0.00	39.03 -0.47 0.00	43.51 -0.75 0.00	54.73 -0.83 0.00	64.09 -0.45 0.00	61.29 -0.37 0.00	45.53 -0.51 0.00	40.84 -0.49 0.00	38.88 -0.16 0.00	35.60 -0.04 0.00
SHOEMAKER___GT 23640	38.56 1.45 0.00	34.74 1.30 0.00	32.30 1.15 0.00	31.25 1.03 0.00	31.71 1.04 0.00	33.36 1.19 0.00	37.29 1.19 0.00	39.59 1.30 0.00	38.41 1.41 0.00	38.90 1.42 0.00	39.28 1.58 0.00	39.62 1.60 0.00	39.40 1.59 0.00	40.73 1.76 0.00	40.35 1.78 0.00	41.36 1.86 0.00	46.43 2.17 0.00	58.28 2.72 0.00	67.44 2.91 0.00	64.44 2.78 0.00	48.11 2.07 0.00	43.28 1.94 0.00	40.55 1.52 0.00	37.03 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	38.56 1.45 0.00	34.74 1.30 0.00	32.27 1.12 0.00	31.25 1.03 0.00	31.68 1.01 0.00	33.36 1.19 0.00	37.29 1.19 0.00	39.59 1.30 0.00	38.41 1.41 0.00	38.94 1.46 0.00	39.24 1.55 0.00	39.65 1.63 0.00	39.48 1.66 0.00	40.73 1.75 0.00	40.38 1.81 0.00	41.36 1.86 0.00	46.43 2.17 0.00	58.28 2.72 0.00	67.44 2.90 0.00	64.37 2.71 0.00	48.06 2.03 0.00	43.28 1.94 0.00	40.55 1.52 0.00	36.99 1.35 0.00
SHOREHAM_IC_1 23715	38.49 1.37 0.00	34.30 0.87 0.00	31.86 0.72 0.00	30.71 0.48 0.00	31.12 0.46 0.00	32.78 0.61 0.00	36.24 0.14 0.01	38.56 0.27 0.00	37.52 0.52 0.00	38.64 1.16 0.00	39.96 2.26 0.00	39.54 1.52 0.00	39.37 1.55 0.00	40.68 1.71 0.00	40.39 1.81 0.00	41.04 1.54 0.00	45.77 1.51 0.00	57.28 1.72 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.95 0.92 0.01	42.29 0.95 0.00	39.58 0.55 0.00	36.71 1.07 0.00
SHOREHAM_IC_2 23716	38.52 1.41 0.00	34.40 0.97 0.00	31.83 0.69 0.00	30.71 0.48 0.00	31.12 0.46 0.00	32.78 0.61 0.00	36.24 0.14 0.01	38.56 0.27 0.00	37.67 0.67 0.00	38.68 1.20 0.00	39.32 1.62 0.00	39.54 1.52 0.00	39.71 1.89 0.00	40.80 1.83 0.00	40.58 2.01 0.00	41.04 1.54 0.00	45.77 1.50 0.00	57.28 1.72 0.00	65.89 1.36 0.01	62.88 1.23 0.01	46.95 0.92 0.01	42.37 1.03 0.00	40.12 1.09 0.00	36.71 1.07 0.00
SISSONVILLE____ 23735	37.67 0.56 0.00	33.94 0.50 0.00	31.65 0.50 0.00	30.68 0.45 0.00	31.19 0.52 0.00	32.75 0.58 0.00	36.90 0.79 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.93 0.45 0.00	38.26 0.57 0.00	38.55 0.53 0.00	38.08 0.26 0.00	39.24 0.27 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.73 0.17 0.00	64.86 0.32 0.00	62.09 0.43 0.00	46.82 0.78 0.00	42.08 0.74 0.00	39.77 0.74 0.00	36.17 0.53 0.00
SITHE_IND_GS1 24169	36.04 -1.08 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.96 0.00	35.02 -1.08 0.00	37.26 -1.03 0.00	35.97 -1.04 0.00	36.43 -1.05 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.76 -1.06 0.00	37.80 -1.17 0.00	37.42 -1.16 0.00	38.32 -1.18 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.01 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00
SITHE_IND_GS2 24170	36.04 -1.08 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.96 0.00	35.02 -1.08 0.00	37.26 -1.03 0.00	35.97 -1.04 0.00	36.43 -1.05 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.76 -1.06 0.00	37.80 -1.17 0.00	37.42 -1.16 0.00	38.32 -1.18 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.01 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00
SITHE_IND_GS3 24171	36.04 -1.08 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.96 0.00	35.02 -1.08 0.00	37.26 -1.03 0.00	35.97 -1.04 0.00	36.43 -1.05 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.76 -1.06 0.00	37.80 -1.17 0.00	37.42 -1.16 0.00	38.32 -1.18 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.01 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00
SITHE_IND_GS4 24172	36.04 -1.08 0.00	32.46 -0.97 0.00	30.24 -0.90 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.96 0.00	35.02 -1.08 0.00	37.26 -1.03 0.00	35.97 -1.04 0.00	36.43 -1.05 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.76 -1.06 0.00	37.80 -1.17 0.00	37.42 -1.16 0.00	38.32 -1.18 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.01 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00

SITHE___BATAVIA 24024	36.78 -0.33 0.00	33.60 0.17 0.00	31.58 0.44 0.00	30.41 0.18 0.00	30.91 0.24 0.00	32.01 -0.16 0.00	35.85 -0.25 0.00	38.56 0.27 0.00	36.89 -0.11 0.00	37.36 -0.11 0.00	36.72 -0.98 0.00	37.22 -0.80 0.00	37.70 -0.11 0.00	38.27 -0.70 0.00	37.72 -0.85 0.00	38.35 -1.15 0.00	42.00 -2.26 0.00	52.39 -3.16 0.00	62.34 -2.19 0.00	59.62 -2.03 0.00	43.91 -2.12 0.00	39.48 -1.86 0.00	38.41 -0.63 0.00	35.89 0.25 0.00
SITHE___INDEPEND 23800	36.04 -1.08 0.00	32.46 -0.97 0.00	30.21 -0.93 0.00	29.35 -0.88 0.00	29.77 -0.89 0.00	31.21 -0.97 0.00	35.02 -1.08 0.00	37.26 -1.03 0.00	35.97 -1.04 0.00	36.43 -1.05 0.00	36.53 -1.17 0.00	36.84 -1.18 0.00	36.72 -1.10 0.00	37.80 -1.17 0.00	37.41 -1.16 0.00	38.32 -1.19 0.00	42.80 -1.46 0.00	53.67 -1.89 0.00	62.54 -2.00 0.00	59.75 -1.91 0.00	44.56 -1.47 0.00	40.02 -1.32 0.00	37.90 -1.13 0.00	34.64 -1.00 0.00
SITHE___MASSENA 23902	37.45 0.33 0.00	33.73 0.30 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.57 0.47 0.00	38.60 0.30 0.00	37.30 0.29 0.00	37.78 0.30 0.00	38.11 0.42 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.24 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.49 0.46 0.00	41.67 0.33 0.00	39.42 0.39 0.00	36.00 0.36 0.00
SITHE___OGDNSBRG 24021	38.00 0.89 0.00	34.24 0.80 0.00	31.89 0.75 0.00	30.95 0.73 0.00	31.43 0.77 0.00	33.01 0.84 0.00	37.19 1.08 0.00	39.17 0.88 0.00	37.67 0.67 0.00	37.96 0.49 0.00	38.34 0.64 0.00	38.63 0.61 0.00	38.16 0.34 0.00	39.32 0.35 0.00	38.84 0.27 0.00	39.82 0.32 0.00	44.75 0.49 0.00	56.45 0.89 0.00	65.83 1.29 0.00	63.08 1.42 0.00	47.37 1.33 0.00	42.45 1.12 0.00	40.12 1.09 0.00	36.49 0.86 0.00
SITHE___STERLING 23777	37.71 0.59 0.00	34.00 0.57 0.00	31.61 0.47 0.00	30.68 0.45 0.00	31.15 0.49 0.00	32.69 0.51 0.00	36.72 0.61 0.00	39.06 0.77 0.00	37.67 0.67 0.00	38.00 0.52 0.00	38.19 0.49 0.00	38.48 0.46 0.00	38.34 0.53 0.00	39.44 0.47 0.00	39.11 0.54 0.00	40.09 0.59 0.00	44.93 0.66 0.00	56.39 0.83 0.00	65.70 1.16 0.00	62.96 1.30 0.00	47.05 1.01 0.00	42.21 0.87 0.00	39.85 0.82 0.00	36.24 0.61 0.00
SLEIGHT__34_KV_TB1 80719	36.59 -0.52 0.00	33.00 -0.43 0.00	30.71 -0.44 0.00	29.89 -0.33 0.00	30.27 -0.40 0.00	31.69 -0.48 0.00	35.60 -0.51 0.00	38.06 -0.23 0.00	36.64 -0.37 0.00	37.14 -0.34 0.00	37.06 -0.64 0.00	37.41 -0.61 0.00	37.32 -0.49 0.00	38.43 -0.55 0.00	37.95 -0.62 0.00	38.83 -0.67 0.00	43.02 -1.24 0.00	53.89 -1.67 0.00	63.38 -1.16 0.00	60.61 -1.05 0.00	44.98 -1.06 0.00	40.35 -0.99 0.00	38.45 -0.59 0.00	35.32 -0.32 0.00
SMITHTWN_69_KV_BK 1 55830	38.97 1.86 0.00	34.84 1.40 0.00	32.24 1.09 0.00	31.13 0.91 0.00	31.55 0.89 0.00	33.23 1.06 0.00	36.82 0.72 0.01	39.17 0.88 0.00	38.23 1.22 0.00	39.24 1.76 0.00	39.81 2.11 0.00	40.11 2.09 0.00	40.23 2.42 0.00	41.31 2.34 0.00	41.12 2.55 0.00	41.60 2.09 0.00	46.34 2.08 0.00	58.06 2.50 0.00	66.53 2.00 0.01	63.50 1.85 0.01	47.55 1.52 0.01	42.95 1.61 0.00	40.67 1.64 0.00	37.17 1.53 0.00
SOUTH CAIRO___GT 23612	38.56 1.45 0.00	34.70 1.27 0.00	32.36 1.21 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.33 1.16 0.00	37.26 1.16 0.00	39.32 1.03 0.00	37.89 0.89 0.00	38.34 0.86 0.00	38.53 0.83 0.00	38.70 0.68 0.00	38.50 0.68 0.00	39.75 0.78 0.00	39.46 0.89 0.00	40.65 1.15 0.00	45.99 1.73 0.00	58.12 2.56 0.00	67.44 2.90 0.00	64.31 2.65 0.00	48.11 2.07 0.00	43.07 1.74 0.00	40.40 1.37 0.00	36.85 1.21 0.00
SOUTH HAMPTN___IC 23720	38.74 1.63 0.00	34.50 1.07 0.00	32.05 0.90 0.00	30.86 0.64 0.00	31.28 0.61 0.00	32.94 0.77 0.00	36.31 0.22 0.01	38.67 0.38 0.00	37.63 0.63 0.00	38.82 1.35 0.00	40.26 2.56 0.00	39.84 1.82 0.00	39.67 1.85 0.00	41.00 2.03 0.00	40.69 2.12 0.00	41.32 1.82 0.00	45.99 1.72 0.00	57.56 2.00 0.00	66.14 1.61 0.01	63.13 1.48 0.01	47.13 1.10 0.01	42.46 1.12 0.00	39.69 0.66 0.00	36.89 1.25 0.00
SOUTHDOW_115KV_TB1 355954	36.63 -0.48 0.00	33.27 -0.17 0.00	31.15 0.00 0.00	30.28 0.06 0.00	30.66 0.00 0.00	31.92 -0.26 0.00	35.78 -0.32 0.00	38.56 0.27 0.00	37.12 0.11 0.00	37.63 0.15 0.00	36.94 -0.75 0.00	37.37 -0.65 0.00	37.66 -0.15 0.00	38.50 -0.47 0.00	37.95 -0.62 0.00	38.71 -0.79 0.00	42.62 -1.64 0.00	53.28 -2.28 0.00	62.92 -1.61 0.00	60.05 -1.60 0.00	44.10 -1.93 0.00	39.35 -1.98 0.00	38.25 -0.78 0.00	35.68 0.04 0.00
SOUTHOLD_69_KV_BK 2 55809	38.82 1.71 0.00	34.57 1.14 0.00	31.93 0.78 0.00	30.77 0.54 0.00	31.19 0.52 0.00	32.85 0.68 0.00	35.99 -0.11 0.01	38.33 0.04 0.00	37.52 0.52 0.00	38.68 1.20 0.00	39.70 2.00 0.00	39.84 1.82 0.00	39.97 2.16 0.00	41.08 2.10 0.00	40.85 2.28 0.00	41.32 1.82 0.00	45.77 1.50 0.00	57.34 1.78 0.00	65.95 1.42 0.01	62.95 1.29 0.01	46.90 0.87 0.01	42.33 0.99 0.00	39.97 0.94 0.00	36.78 1.14 0.00
SOUTHOLD___IC 23719	38.79 1.67 0.00	34.47 1.04 0.00	31.99 0.84 0.00	30.77 0.54 0.00	31.18 0.52 0.00	32.85 0.68 0.00	35.99 -0.11 0.01	38.33 0.04 0.00	37.34 0.33 0.00	38.64 1.16 0.00	40.34 2.64 0.00	39.84 1.82 0.00	39.67 1.85 0.00	41.00 2.03 0.00	40.69 2.12 0.00	41.28 1.78 0.00	45.81 1.55 0.00	57.34 1.78 0.00	65.95 1.42 0.01	62.95 1.30 0.01	46.90 0.87 0.01	42.21 0.87 0.00	39.42 0.39 0.00	36.78 1.14 0.00
SOUTH_FORK_WT_PWR 323839	38.49 1.37 0.00	34.17 0.73 0.00	31.68 0.53 0.00	30.46 0.24 0.00	30.88 0.22 0.00	32.49 0.32 0.00	35.45 -0.65 0.01	37.75 -0.54 0.00	36.78 -0.22 0.00	38.07 0.60 0.00	39.88 2.19 0.00	39.43 1.41 0.00	39.21 1.40 0.00	40.53 1.56 0.00	40.23 1.66 0.00	40.85 1.34 0.00	45.19 0.93 0.00	56.56 1.00 0.00	64.98 0.45 0.01	62.02 0.37 0.01	46.26 0.23 0.01	41.63 0.29 0.00	38.84 -0.19 0.00	36.39 0.75 0.00
SPIERFLS_115KV_TB 1 80737	38.12 1.00 0.00	34.34 0.90 0.00	32.02 0.87 0.00	30.95 0.73 0.00	31.40 0.74 0.00	32.95 0.77 0.00	36.93 0.83 0.00	39.02 0.73 0.00	37.56 0.56 0.00	38.04 0.56 0.00	38.30 0.60 0.00	38.48 0.46 0.00	38.23 0.42 0.00	39.40 0.43 0.00	39.11 0.54 0.00	40.17 0.67 0.00	45.46 1.20 0.00	57.28 1.72 0.00	66.73 2.19 0.00	63.57 1.91 0.00	47.55 1.52 0.00	42.41 1.07 0.00	40.05 1.01 0.00	36.39 0.75 0.00
ST LAWRENCE____ 23600	37.11 0.00 0.00	33.43 0.00 0.00	31.18 0.03 0.00	30.25 0.03 0.00	30.73 0.06 0.00	32.27 0.10 0.00	36.25 0.14 0.00	38.33 0.04 0.00	37.01 0.00 0.00	37.51 0.04 0.00	37.81 0.11 0.00	38.13 0.11 0.00	37.78 -0.04 0.00	38.93 -0.04 0.00	38.46 -0.12 0.00	39.38 -0.12 0.00	44.22 -0.04 0.00	55.56 0.00 0.00	64.54 0.00 0.00	61.66 0.00 0.00	46.08 0.05 0.00	41.34 0.00 0.00	39.07 0.04 0.00	35.64 0.00 0.00

STATE_CA_115KV_115_LB 55624	37.63 0.52 0.00	33.90 0.47 0.00	31.65 0.50 0.00	30.65 0.42 0.00	31.09 0.43 0.00	32.66 0.48 0.00	36.57 0.47 0.00	38.75 0.46 0.00	37.45 0.44 0.00	37.96 0.49 0.00	38.26 0.57 0.00	38.51 0.49 0.00	38.31 0.49 0.00	39.52 0.55 0.00	39.19 0.62 0.00	40.13 0.63 0.00	45.19 0.93 0.00	56.73 1.17 0.00	65.70 1.16 0.00	62.65 0.99 0.00	46.86 0.83 0.00	42.04 0.70 0.00	39.54 0.51 0.00	36.03 0.39 0.00
STATE_ST_34_KV_LOAD 55959	37.08 -0.04 0.00	33.37 -0.07 0.00	31.02 -0.12 0.00	30.16 -0.06 0.00	30.57 -0.09 0.00	32.04 -0.13 0.00	35.99 -0.11 0.00	38.41 0.11 0.00	37.04 0.04 0.00	37.44 -0.04 0.00	37.47 -0.23 0.00	37.79 -0.23 0.00	37.70 -0.11 0.00	38.82 -0.16 0.00	38.42 -0.15 0.00	39.34 -0.16 0.00	43.91 -0.35 0.00	55.28 -0.28 0.00	64.60 0.06 0.00	61.78 0.12 0.00	45.99 -0.05 0.00	41.21 -0.12 0.00	39.03 0.00 0.00	35.75 0.11 0.00
STATION_5_MISC_HYD 23604	36.78 -0.33 0.00	33.23 -0.20 0.00	31.05 -0.09 0.00	30.13 -0.09 0.00	30.51 -0.15 0.00	31.88 -0.29 0.00	35.78 -0.33 0.00	38.29 0.00 0.00	36.82 -0.18 0.00	37.33 -0.15 0.00	37.09 -0.60 0.00	37.56 -0.45 0.00	37.74 -0.08 0.00	38.58 -0.39 0.00	38.07 -0.50 0.00	38.87 -0.63 0.00	42.94 -1.33 0.00	53.61 -1.95 0.00	63.18 -1.36 0.00	60.43 -1.23 0.00	44.79 -1.24 0.00	40.22 -1.11 0.00	38.60 -0.43 0.00	35.57 -0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.82 -0.30 0.00	33.23 -0.20 0.00	30.93 -0.22 0.00	30.10 -0.12 0.00	30.48 -0.18 0.00	31.88 -0.29 0.00	35.81 -0.29 0.00	38.29 0.00 0.00	36.86 -0.15 0.00	37.36 -0.11 0.00	37.21 -0.49 0.00	37.60 -0.42 0.00	37.51 -0.30 0.00	38.62 -0.35 0.00	38.11 -0.46 0.00	38.99 -0.51 0.00	43.20 -1.06 0.00	54.12 -1.44 0.00	63.63 -0.90 0.00	60.86 -0.80 0.00	45.16 -0.87 0.00	40.51 -0.83 0.00	38.60 -0.43 0.00	35.57 -0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.56 -0.56 0.00	33.03 -0.40 0.00	30.77 -0.37 0.00	29.95 -0.27 0.00	30.33 -0.34 0.00	31.69 -0.48 0.00	35.56 -0.54 0.00	38.06 -0.23 0.00	36.60 -0.41 0.00	37.14 -0.34 0.00	36.98 -0.72 0.00	37.37 -0.65 0.00	37.32 -0.49 0.00	38.43 -0.55 0.00	37.88 -0.69 0.00	38.71 -0.79 0.00	42.80 -1.46 0.00	53.39 -2.17 0.00	62.92 -1.61 0.00	60.18 -1.48 0.00	44.61 -1.43 0.00	40.06 -1.28 0.00	38.29 -0.74 0.00	35.35 -0.29 0.00
STA_56___34_KV_BUS2 355983	36.56 -0.56 0.00	33.03 -0.40 0.00	30.77 -0.37 0.00	29.95 -0.27 0.00	30.33 -0.34 0.00	31.69 -0.48 0.00	35.56 -0.54 0.00	38.06 -0.23 0.00	36.60 -0.41 0.00	37.14 -0.34 0.00	36.98 -0.72 0.00	37.37 -0.65 0.00	37.32 -0.49 0.00	38.43 -0.55 0.00	37.88 -0.69 0.00	38.71 -0.79 0.00	42.80 -1.46 0.00	53.39 -2.17 0.00	62.92 -1.61 0.00	60.18 -1.48 0.00	44.61 -1.43 0.00	40.06 -1.28 0.00	38.29 -0.74 0.00	35.35 -0.29 0.00
STA_67___115KV_BK2 355882	36.71 -0.41 0.00	33.17 -0.27 0.00	30.93 -0.22 0.00	30.10 -0.12 0.00	30.45 -0.21 0.00	31.82 -0.35 0.00	35.70 -0.40 0.00	38.21 -0.08 0.00	36.75 -0.26 0.00	37.25 -0.22 0.00	37.06 -0.64 0.00	37.45 -0.57 0.00	37.40 -0.42 0.00	38.50 -0.47 0.00	37.95 -0.62 0.00	38.79 -0.71 0.00	42.85 -1.42 0.00	53.45 -2.11 0.00	63.05 -1.48 0.00	60.30 -1.36 0.00	44.65 -1.38 0.00	40.10 -1.24 0.00	38.41 -0.62 0.00	35.46 -0.18 0.00
STA_7___115KV_9TRANS 80674	36.89 -0.22 0.00	33.37 -0.07 0.00	31.08 -0.06 0.00	30.25 0.03 0.00	30.60 -0.06 0.00	32.01 -0.16 0.00	35.89 -0.22 0.00	38.44 0.15 0.00	36.93 -0.07 0.00	37.51 0.04 0.00	37.32 -0.38 0.00	37.71 -0.30 0.00	37.70 -0.11 0.00	38.78 -0.19 0.00	38.26 -0.31 0.00	39.11 -0.40 0.00	43.16 -1.11 0.00	53.78 -1.78 0.00	63.44 -1.10 0.00	60.67 -0.99 0.00	45.02 -1.01 0.00	40.43 -0.91 0.00	38.68 -0.35 0.00	35.71 0.07 0.00
STA_82___115KV_TB1 80780	36.71 -0.41 0.00	33.17 -0.27 0.00	30.93 -0.22 0.00	30.10 -0.12 0.00	30.45 -0.21 0.00	31.85 -0.32 0.00	35.70 -0.40 0.00	38.25 -0.04 0.00	36.75 -0.26 0.00	37.29 -0.19 0.00	37.06 -0.64 0.00	37.49 -0.53 0.00	37.44 -0.38 0.00	38.50 -0.47 0.00	37.99 -0.58 0.00	38.79 -0.71 0.00	42.85 -1.42 0.00	53.45 -2.11 0.00	63.05 -1.48 0.00	60.30 -1.36 0.00	44.65 -1.38 0.00	40.14 -1.20 0.00	38.41 -0.62 0.00	35.50 -0.14 0.00
STEEL___WIND 323596	36.22 -0.89 0.00	32.93 -0.50 0.00	31.08 -0.06 0.00	30.04 -0.18 0.00	30.42 -0.25 0.00	31.60 -0.58 0.00	35.34 -0.76 0.00	38.02 -0.27 0.00	36.49 -0.52 0.00	36.92 -0.56 0.00	36.15 -1.55 0.00	36.65 -1.37 0.00	37.29 -0.53 0.00	37.69 -1.29 0.00	37.18 -1.39 0.00	37.72 -1.78 0.00	41.33 -2.92 0.00	51.61 -3.94 0.00	61.11 -3.42 0.00	58.38 -3.27 0.00	42.99 -3.04 0.00	38.57 -2.77 0.00	37.74 -1.29 0.00	35.21 -0.43 0.00
STEPHTWN_115KV_BK_2 55603	37.82 0.71 0.00	34.04 0.60 0.00	31.77 0.62 0.00	30.77 0.54 0.00	31.22 0.55 0.00	32.82 0.64 0.00	36.75 0.65 0.00	38.90 0.61 0.00	37.60 0.59 0.00	38.11 0.64 0.00	38.41 0.72 0.00	38.67 0.65 0.00	38.42 0.61 0.00	39.63 0.66 0.00	39.34 0.77 0.00	40.29 0.79 0.00	45.37 1.11 0.00	57.00 1.44 0.00	66.09 1.55 0.00	63.02 1.36 0.00	47.14 1.10 0.00	42.25 0.91 0.00	39.73 0.70 0.00	36.17 0.53 0.00
STEUBEN_REC_LFGE 323667	36.85 -0.26 0.00	33.27 -0.17 0.00	30.99 -0.16 0.00	30.16 -0.06 0.00	30.54 -0.12 0.00	31.85 -0.32 0.00	35.74 -0.36 0.00	38.33 0.04 0.00	36.82 -0.19 0.00	37.10 -0.37 0.00	36.60 -1.09 0.00	36.95 -1.06 0.00	37.06 -0.76 0.00	38.07 -0.90 0.00	37.65 -0.93 0.00	38.47 -1.03 0.00	42.62 -1.64 0.00	53.78 -1.78 0.00	63.50 -1.03 0.00	60.55 -1.11 0.00	44.74 -1.29 0.00	39.97 -1.36 0.00	38.41 -0.62 0.00	35.64 0.00 0.00
STILLWATER___SOLAR 323814	38.45 1.33 0.00	34.60 1.17 0.00	32.27 1.12 0.00	31.22 1.00 0.00	31.67 1.01 0.00	33.27 1.09 0.00	37.33 1.23 0.00	39.44 1.15 0.00	38.04 1.03 0.00	38.49 1.01 0.00	38.72 1.02 0.00	38.97 0.95 0.00	38.69 0.87 0.00	39.95 0.97 0.00	39.61 1.04 0.00	40.65 1.15 0.00	45.90 1.64 0.00	57.78 2.22 0.00	67.18 2.65 0.00	64.06 2.40 0.00	47.92 1.89 0.00	42.82 1.49 0.00	40.36 1.33 0.00	36.75 1.11 0.00
STONY___BROOK 24151	38.93 1.82 0.00	34.74 1.30 0.00	32.27 1.12 0.00	31.10 0.88 0.00	31.52 0.86 0.00	33.20 1.03 0.00	36.75 0.65 0.01	39.13 0.84 0.00	38.04 1.03 0.00	39.16 1.69 0.00	40.41 2.72 0.00	40.07 2.05 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.89 2.31 0.00	41.55 2.05 0.00	46.34 2.08 0.00	57.95 2.39 0.00	66.33 1.80 0.01	63.32 1.67 0.01	47.50 1.47 0.01	42.82 1.49 0.00	40.12 1.09 0.00	37.17 1.53 0.00
STURGEON_POOL_HYD 23609	38.75 1.63 0.00	34.90 1.47 0.00	32.39 1.25 0.00	31.34 1.12 0.00	31.80 1.13 0.00	33.46 1.29 0.00	37.37 1.26 0.00	39.63 1.34 0.00	38.45 1.44 0.00	39.01 1.54 0.00	39.43 1.73 0.00	39.81 1.79 0.00	39.67 1.85 0.00	40.92 1.95 0.00	40.54 1.97 0.00	41.52 2.01 0.00	46.65 2.39 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.20 2.16 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.14 1.50 0.00

ST_LAW_115_BK7_LBMP 345037	37.11 0.00 0.00	33.43 0.00 0.00	31.18 0.03 0.00	30.28 0.06 0.00	30.73 0.06 0.00	32.27 0.10 0.00	36.25 0.14 0.00	38.29 0.00 0.00	37.01 0.00 0.00	37.51 0.04 0.00	37.81 0.11 0.00	38.13 0.11 0.00	37.78 -0.04 0.00	38.93 -0.04 0.00	38.46 -0.12 0.00	39.38 -0.12 0.00	44.17 -0.09 0.00	55.56 0.00 0.00	64.54 0.00 0.00	61.66 0.00 0.00	46.08 0.05 0.00	41.34 0.00 0.00	39.07 0.04 0.00	35.64 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	37.11 0.00 0.00	33.43 0.00 0.00	31.18 0.03 0.00	30.28 0.06 0.00	30.73 0.06 0.00	32.27 0.10 0.00	36.25 0.14 0.00	38.29 0.00 0.00	37.01 0.00 0.00	37.51 0.04 0.00	37.81 0.11 0.00	38.13 0.11 0.00	37.78 -0.04 0.00	38.93 -0.04 0.00	38.46 -0.12 0.00	39.38 -0.12 0.00	44.17 -0.09 0.00	55.56 0.00 0.00	64.54 0.00 0.00	61.66 0.00 0.00	46.08 0.05 0.00	41.34 0.00 0.00	39.07 0.04 0.00	35.64 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	37.11 0.00 0.00	33.43 0.00 0.00	31.18 0.03 0.00	30.25 0.03 0.00	30.73 0.06 0.00	32.27 0.10 0.00	36.25 0.14 0.00	38.33 0.04 0.00	37.01 0.00 0.00	37.51 0.04 0.00	37.81 0.11 0.00	38.13 0.11 0.00	37.78 -0.04 0.00	38.93 -0.04 0.00	38.46 -0.12 0.00	39.38 -0.12 0.00	44.22 -0.04 0.00	55.56 0.00 0.00	64.54 0.00 0.00	61.66 0.00 0.00	46.08 0.05 0.00	41.34 0.00 0.00	39.07 0.04 0.00	35.64 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	37.11 0.00 0.00	33.43 0.00 0.00	31.18 0.03 0.00	30.25 0.03 0.00	30.73 0.06 0.00	32.27 0.10 0.00	36.25 0.14 0.00	38.33 0.04 0.00	37.01 0.00 0.00	37.51 0.04 0.00	37.81 0.11 0.00	38.13 0.11 0.00	37.78 -0.04 0.00	38.93 -0.04 0.00	38.46 -0.12 0.00	39.38 -0.12 0.00	44.22 -0.04 0.00	55.56 0.00 0.00	64.54 0.00 0.00	61.66 0.00 0.00	46.08 0.05 0.00	41.34 0.00 0.00	39.07 0.04 0.00	35.64 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.64 1.52 0.00	34.80 1.37 0.00	32.30 1.15 0.00	31.28 1.06 0.00	31.71 1.04 0.00	33.43 1.25 0.00	37.37 1.26 0.00	39.67 1.38 0.00	38.49 1.48 0.00	39.01 1.54 0.00	39.39 1.70 0.00	39.77 1.75 0.00	39.63 1.82 0.00	40.88 1.91 0.00	40.50 1.93 0.00	41.48 1.98 0.00	46.61 2.35 0.00	58.45 2.89 0.00	67.57 3.03 0.00	64.50 2.84 0.00	48.15 2.12 0.00	43.36 2.03 0.00	40.63 1.60 0.00	37.07 1.43 0.00
SWANROAD_115KV_TB1 355699	35.48 -1.63 0.00	32.73 -0.70 0.00	30.71 -0.44 0.00	29.53 -0.70 0.00	30.27 -0.40 0.00	30.98 -1.19 0.00	34.66 -1.44 0.00	37.26 -1.03 0.00	35.75 -1.26 0.00	36.17 -1.31 0.00	35.51 -2.19 0.00	35.93 -2.09 0.00	36.04 -1.78 0.00	36.91 -2.07 0.00	36.33 -2.24 0.00	36.85 -2.65 0.00	40.10 -4.16 0.00	49.72 -5.83 0.00	59.31 -5.23 0.00	56.66 -4.99 0.00	41.61 -4.42 0.00	37.45 -3.89 0.00	36.69 -2.34 0.00	34.86 -0.78 0.00
SYNERGY___BIOGAS 323694	36.78 -0.33 0.00	33.57 0.13 0.00	31.40 0.25 0.00	30.40 0.18 0.00	30.91 0.25 0.00	32.01 -0.16 0.00	35.85 -0.25 0.00	38.56 0.27 0.00	36.89 -0.11 0.00	37.36 -0.11 0.00	36.79 -0.90 0.00	37.22 -0.80 0.00	37.25 -0.57 0.00	38.27 -0.70 0.00	37.65 -0.93 0.00	38.36 -1.15 0.00	42.00 -2.26 0.00	52.33 -3.22 0.00	62.34 -2.19 0.00	59.62 -2.03 0.00	43.91 -2.12 0.00	39.44 -1.90 0.00	38.25 -0.78 0.00	35.89 0.25 0.00
SYRACUSE___ENERGY_ST1 323597	36.85 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.10 -0.19 0.00	36.82 -0.19 0.00	37.29 -0.19 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.55 -0.26 0.00	38.66 -0.31 0.00	38.26 -0.31 0.00	39.22 -0.28 0.00	43.73 -0.53 0.00	54.95 -0.61 0.00	64.02 -0.52 0.00	61.29 -0.37 0.00	45.62 -0.41 0.00	40.97 -0.37 0.00	38.80 -0.23 0.00	35.50 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	36.85 -0.26 0.00	33.20 -0.23 0.00	30.87 -0.28 0.00	29.98 -0.24 0.00	30.42 -0.25 0.00	31.88 -0.29 0.00	35.78 -0.32 0.00	38.10 -0.19 0.00	36.82 -0.19 0.00	37.29 -0.19 0.00	37.36 -0.34 0.00	37.68 -0.34 0.00	37.55 -0.26 0.00	38.66 -0.31 0.00	38.26 -0.31 0.00	39.22 -0.28 0.00	43.73 -0.53 0.00	54.95 -0.61 0.00	64.02 -0.52 0.00	61.29 -0.37 0.00	45.62 -0.41 0.00	40.97 -0.37 0.00	38.80 -0.23 0.00	35.50 -0.14 0.00
SYRACUSE___POWER 24017	36.82 -0.30 0.00	33.13 -0.30 0.00	30.84 -0.31 0.00	29.95 -0.27 0.00	30.36 -0.31 0.00	31.82 -0.35 0.00	35.74 -0.36 0.00	38.06 -0.23 0.00	36.75 -0.26 0.00	37.18 -0.30 0.00	37.28 -0.41 0.00	37.60 -0.42 0.00	37.47 -0.34 0.00	38.58 -0.39 0.00	38.22 -0.35 0.00	39.15 -0.36 0.00	43.69 -0.58 0.00	54.89 -0.67 0.00	63.96 -0.58 0.00	61.17 -0.49 0.00	45.57 -0.46 0.00	40.88 -0.45 0.00	38.76 -0.27 0.00	35.43 -0.21 0.00
TALLMAN__138KV_BK151 55660	38.71 1.60 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.31 1.09 0.00	31.77 1.10 0.00	33.49 1.32 0.00	37.40 1.30 0.00	39.75 1.46 0.00	38.60 1.59 0.00	39.13 1.65 0.00	39.51 1.81 0.00	39.92 1.90 0.00	39.74 1.93 0.00	41.00 2.03 0.00	40.65 2.08 0.00	41.63 2.13 0.00	46.74 2.48 0.00	58.56 3.00 0.00	67.70 3.16 0.00	64.62 2.96 0.00	48.24 2.21 0.00	43.49 2.15 0.00	40.71 1.68 0.00	37.14 1.50 0.00
TEALLAVE_115KV_TB7 355573	36.67 -0.45 0.00	33.03 -0.40 0.00	30.74 -0.40 0.00	29.86 -0.36 0.00	30.27 -0.40 0.00	31.72 -0.45 0.00	35.63 -0.47 0.00	37.91 -0.38 0.00	36.64 -0.37 0.00	37.06 -0.41 0.00	37.17 -0.53 0.00	37.49 -0.53 0.00	37.36 -0.45 0.00	38.46 -0.51 0.00	38.11 -0.46 0.00	39.03 -0.47 0.00	43.51 -0.75 0.00	54.62 -0.94 0.00	63.63 -0.90 0.00	60.86 -0.80 0.00	45.34 -0.69 0.00	40.72 -0.62 0.00	38.60 -0.43 0.00	35.28 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	36.26 -0.85 0.00	33.17 -0.27 0.00	31.08 -0.06 0.00	30.07 -0.15 0.00	30.60 -0.06 0.00	31.59 -0.58 0.00	35.38 -0.72 0.00	38.02 -0.27 0.00	36.45 -0.56 0.00	36.91 -0.56 0.00	36.30 -1.39 0.00	36.73 -1.29 0.00	36.79 -1.02 0.00	37.72 -1.25 0.00	37.14 -1.43 0.00	37.76 -1.74 0.00	41.20 -3.05 0.00	51.28 -4.28 0.00	61.05 -3.49 0.00	58.39 -3.27 0.00	42.90 -3.13 0.00	38.61 -2.73 0.00	37.59 -1.44 0.00	35.43 -0.21 0.00
TEMPLE___115KV_TB 2 55572	36.71 -0.41 0.00	33.07 -0.37 0.00	30.74 -0.40 0.00	29.86 -0.36 0.00	30.30 -0.37 0.00	31.75 -0.42 0.00	35.63 -0.47 0.00	37.95 -0.34 0.00	36.64 -0.37 0.00	37.10 -0.37 0.00	37.21 -0.49 0.00	37.52 -0.49 0.00	37.40 -0.42 0.00	38.50 -0.47 0.00	38.11 -0.46 0.00	39.07 -0.43 0.00	43.51 -0.75 0.00	54.62 -0.94 0.00	63.70 -0.84 0.00	60.92 -0.74 0.00	45.39 -0.64 0.00	40.72 -0.62 0.00	38.60 -0.43 0.00	35.32 -0.32 0.00
TIANA____69_KV_BK 1 55817	38.78 1.67 0.00	34.64 1.20 0.00	32.02 0.87 0.00	30.89 0.66 0.00	31.31 0.64 0.00	32.98 0.80 0.00	36.42 0.32 0.01	38.75 0.46 0.00	37.89 0.89 0.00	38.94 1.46 0.00	39.66 1.96 0.00	39.88 1.86 0.00	40.01 2.19 0.00	41.11 2.14 0.00	40.89 2.31 0.00	41.36 1.86 0.00	46.03 1.77 0.00	57.67 2.11 0.00	66.27 1.74 0.01	63.25 1.60 0.01	47.22 1.20 0.01	42.62 1.28 0.00	40.32 1.29 0.00	36.92 1.28 0.00

TILDEN___115KV_TB1 80814	36.82 -0.30 0.00	33.13 -0.30 0.00	30.84 -0.31 0.00	29.95 -0.27 0.00	30.36 -0.31 0.00	31.82 -0.35 0.00	35.74 -0.36 0.00	38.06 -0.23 0.00	36.75 -0.26 0.00	37.18 -0.30 0.00	37.28 -0.41 0.00	37.60 -0.42 0.00	37.47 -0.34 0.00	38.58 -0.39 0.00	38.22 -0.35 0.00	39.15 -0.36 0.00	43.69 -0.58 0.00	54.89 -0.67 0.00	63.96 -0.58 0.00	61.17 -0.49 0.00	45.57 -0.46 0.00	40.88 -0.45 0.00	38.76 -0.27 0.00	35.43 -0.21 0.00
TRIGEN___CC 323695	38.75 1.63 0.00	34.74 1.30 0.00	32.21 1.06 0.00	31.13 0.91 0.00	31.55 0.89 0.00	33.23 1.06 0.00	36.89 0.79 0.01	39.17 0.88 0.00	38.19 1.18 0.00	39.05 1.57 0.00	39.66 1.96 0.00	39.96 1.94 0.00	40.01 2.19 0.00	41.11 2.14 0.00	40.85 2.28 0.00	41.48 1.98 0.00	46.34 2.08 0.00	57.95 2.39 0.00	66.85 2.32 0.01	63.87 2.22 0.01	47.64 1.61 0.01	42.99 1.65 0.00	40.48 1.44 0.00	36.99 1.35 0.00
TRINITY__115KV__4 BK 55933	37.56 0.45 0.00	33.80 0.37 0.00	31.55 0.40 0.00	30.59 0.36 0.00	31.03 0.37 0.00	32.59 0.42 0.00	36.50 0.40 0.00	38.64 0.34 0.00	37.38 0.37 0.00	37.85 0.37 0.00	38.19 0.49 0.00	38.44 0.42 0.00	38.23 0.42 0.00	39.44 0.47 0.00	39.15 0.58 0.00	40.09 0.59 0.00	45.10 0.84 0.00	56.62 1.06 0.00	65.51 0.97 0.00	62.52 0.86 0.00	46.72 0.69 0.00	41.96 0.62 0.00	39.46 0.43 0.00	35.92 0.29 0.00
UNION___PROCESSING_DRP 323587	36.71 -0.41 0.00	33.17 -0.27 0.00	30.93 -0.22 0.00	30.10 -0.12 0.00	30.48 -0.18 0.00	31.85 -0.32 0.00	35.70 -0.40 0.00	38.25 -0.04 0.00	36.75 -0.26 0.00	37.29 -0.19 0.00	37.09 -0.60 0.00	37.49 -0.53 0.00	37.44 -0.38 0.00	38.50 -0.47 0.00	37.99 -0.58 0.00	38.83 -0.67 0.00	42.85 -1.42 0.00	53.50 -2.06 0.00	63.05 -1.48 0.00	60.30 -1.36 0.00	44.70 -1.33 0.00	40.14 -1.20 0.00	38.45 -0.59 0.00	35.50 -0.14 0.00
UPPER HUDSON___HYD 24058	38.12 1.00 0.00	34.30 0.87 0.00	31.99 0.84 0.00	30.98 0.76 0.00	31.40 0.73 0.00	32.94 0.77 0.00	36.93 0.83 0.00	39.02 0.73 0.00	37.56 0.56 0.00	38.04 0.56 0.00	38.30 0.60 0.00	38.48 0.46 0.00	38.15 0.34 0.00	39.40 0.43 0.00	39.07 0.50 0.00	40.17 0.67 0.00	45.46 1.20 0.00	57.28 1.72 0.00	66.73 2.20 0.00	63.57 1.91 0.00	47.55 1.52 0.00	42.41 1.07 0.00	40.04 1.01 0.00	36.39 0.75 0.00
UPPER RAQUET___HYD 24056	37.67 0.56 0.00	33.94 0.50 0.00	31.64 0.50 0.00	30.68 0.45 0.00	31.18 0.52 0.00	32.75 0.58 0.00	36.90 0.79 0.00	38.94 0.65 0.00	37.52 0.52 0.00	37.93 0.45 0.00	38.26 0.57 0.00	38.55 0.53 0.00	38.08 0.27 0.00	39.25 0.27 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.73 0.17 0.00	64.86 0.32 0.00	62.09 0.43 0.00	46.82 0.78 0.00	42.08 0.74 0.00	39.77 0.74 0.00	36.17 0.54 0.00
VALLEY44_115KV_TB2 355964	35.89 -1.22 0.00	32.60 -0.84 0.00	30.52 -0.62 0.00	29.68 -0.54 0.00	30.11 -0.55 0.00	31.40 -0.77 0.00	35.16 -0.94 0.00	37.83 -0.46 0.00	36.49 -0.52 0.00	36.76 -0.71 0.00	36.04 -1.66 0.00	36.46 -1.56 0.00	36.57 -1.25 0.00	37.45 -1.52 0.00	36.99 -1.58 0.00	37.76 -1.74 0.00	41.82 -2.43 0.00	52.61 -2.94 0.00	61.89 -2.65 0.00	59.13 -2.53 0.00	43.77 -2.26 0.00	38.94 -2.40 0.00	37.59 -1.44 0.00	35.03 -0.61 0.00
VALLEY___115KV_TB 1-4 80826	37.34 0.22 0.00	33.60 0.17 0.00	31.27 0.12 0.00	30.34 0.12 0.00	30.82 0.15 0.00	32.37 0.19 0.00	36.35 0.25 0.00	38.56 0.27 0.00	37.23 0.22 0.00	37.70 0.22 0.00	38.00 0.30 0.00	38.36 0.34 0.00	38.19 0.38 0.00	39.40 0.43 0.00	39.00 0.42 0.00	39.94 0.43 0.00	44.75 0.49 0.00	56.06 0.50 0.00	65.05 0.52 0.00	62.15 0.49 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.30 0.27 0.00	35.78 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.52 1.41 0.00	34.74 1.30 0.00	32.33 1.18 0.00	31.34 1.12 0.00	31.80 1.13 0.00	33.36 1.19 0.00	37.44 1.34 0.00	39.82 1.53 0.00	38.52 1.52 0.00	38.90 1.42 0.00	39.17 1.47 0.00	39.43 1.41 0.00	39.25 1.44 0.00	40.37 1.40 0.00	40.04 1.47 0.00	41.00 1.50 0.00	46.03 1.77 0.00	57.73 2.17 0.00	67.05 2.52 0.00	64.25 2.59 0.00	48.01 1.98 0.00	43.16 1.82 0.00	40.63 1.60 0.00	36.96 1.32 0.00
VISCHER___FERRY HYD 24020	38.23 1.11 0.00	34.40 0.97 0.00	32.05 0.90 0.00	31.04 0.82 0.00	31.49 0.83 0.00	33.07 0.90 0.00	37.15 1.05 0.00	39.25 0.96 0.00	37.93 0.93 0.00	38.41 0.94 0.00	38.72 1.02 0.00	39.01 0.99 0.00	38.72 0.91 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.65 1.15 0.00	45.81 1.55 0.00	57.62 2.06 0.00	66.80 2.26 0.00	63.69 2.03 0.00	47.60 1.57 0.00	42.66 1.32 0.00	40.12 1.09 0.00	36.56 0.93 0.00
V_A_10_SYNC_DSASP 323832	36.11 -1.00 0.00	32.73 -0.70 0.00	30.68 -0.47 0.00	29.92 -0.30 0.00	30.23 -0.43 0.00	31.47 -0.71 0.00	35.24 -0.87 0.00	37.83 -0.46 0.00	36.27 -0.74 0.00	36.69 -0.79 0.00	36.19 -1.51 0.00	36.61 -1.41 0.00	36.64 -1.17 0.00	37.61 -1.36 0.00	37.03 -1.54 0.00	37.68 -1.82 0.00	41.17 -3.10 0.00	51.12 -4.44 0.00	60.80 -3.74 0.00	58.15 -3.51 0.00	42.72 -3.31 0.00	38.49 -2.85 0.00	37.43 -1.60 0.00	34.96 -0.68 0.00
V_CMM_10_SYNC_DSASP 323787	37.26 0.15 0.00	33.57 0.13 0.00	31.30 0.16 0.00	30.37 0.15 0.00	30.85 0.18 0.00	32.40 0.23 0.00	36.39 0.29 0.00	38.44 0.15 0.00	37.12 0.11 0.00	37.63 0.15 0.00	37.92 0.23 0.00	38.29 0.27 0.00	37.89 0.08 0.00	39.05 0.08 0.00	38.57 0.00 0.00	39.50 0.00 0.00	44.31 0.04 0.00	55.78 0.22 0.00	64.80 0.26 0.00	61.91 0.25 0.00	46.26 0.23 0.00	41.46 0.12 0.00	39.23 0.20 0.00	35.78 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	37.67 0.56 0.00	33.94 0.50 0.00	31.74 0.59 0.00	30.86 0.64 0.00	31.40 0.73 0.00	32.98 0.80 0.00	37.11 1.01 0.00	39.10 0.81 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.79 0.53 0.00	56.61 1.05 0.00	65.76 1.22 0.00	62.71 1.05 0.00	46.77 0.73 0.00	41.71 0.37 0.00	39.50 0.47 0.00	36.07 0.43 0.00
V_D_10_SYNC_DSASP 323841	37.45 0.33 0.00	33.73 0.30 0.00	31.46 0.31 0.00	30.53 0.30 0.00	31.00 0.34 0.00	32.56 0.39 0.00	36.57 0.47 0.00	38.60 0.30 0.00	37.30 0.29 0.00	37.78 0.30 0.00	38.11 0.42 0.00	38.44 0.42 0.00	38.00 0.19 0.00	39.21 0.24 0.00	38.69 0.12 0.00	39.62 0.12 0.00	44.44 0.18 0.00	55.95 0.39 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.49 0.46 0.00	41.67 0.33 0.00	39.42 0.39 0.00	35.96 0.32 0.00
V_E_10_SYNC_DSASP 323830	38.89 1.78 0.00	35.07 1.64 0.00	32.61 1.46 0.00	31.61 1.39 0.00	32.08 1.41 0.00	33.65 1.48 0.00	37.94 1.84 0.00	40.47 2.18 0.00	38.97 1.96 0.00	39.01 1.54 0.00	39.05 1.36 0.00	39.24 1.22 0.00	39.14 1.32 0.00	40.18 1.21 0.00	39.88 1.31 0.00	40.96 1.46 0.00	45.99 1.72 0.00	58.12 2.56 0.00	68.28 3.74 0.00	65.66 4.01 0.00	49.02 2.99 0.00	43.65 2.31 0.00	41.26 2.22 0.00	37.35 1.71 0.00

V_F_30_NSYNC___DSASP 323816	38.49 1.37 0.00	34.64 1.20 0.00	32.30 1.15 0.00	31.25 1.03 0.00	31.71 1.04 0.00	33.30 1.13 0.00	37.33 1.23 0.00	39.48 1.19 0.00	38.08 1.07 0.00	38.52 1.05 0.00	38.79 1.09 0.00	39.01 0.99 0.00	38.72 0.91 0.00	39.98 1.01 0.00	39.65 1.08 0.00	40.69 1.18 0.00	45.94 1.68 0.00	57.84 2.28 0.00	67.25 2.71 0.00	64.13 2.47 0.00	47.97 1.93 0.00	42.87 1.53 0.00	40.40 1.37 0.00	36.78 1.14 0.00
V_F_30_SYNC_DSASP 323786	37.63 0.52 0.00	33.90 0.47 0.00	31.65 0.50 0.00	30.65 0.42 0.00	31.09 0.43 0.00	32.66 0.48 0.00	36.57 0.47 0.00	38.75 0.46 0.00	37.45 0.44 0.00	37.96 0.49 0.00	38.26 0.57 0.00	38.51 0.49 0.00	38.31 0.49 0.00	39.48 0.51 0.00	39.19 0.62 0.00	40.13 0.63 0.00	45.19 0.93 0.00	56.73 1.17 0.00	65.70 1.16 0.00	62.65 0.99 0.00	46.86 0.83 0.00	42.04 0.70 0.00	39.54 0.51 0.00	36.03 0.39 0.00
V_XM_10_SYNC_DSASP 323789	37.67 0.56 0.00	33.94 0.50 0.00	31.74 0.59 0.00	30.86 0.64 0.00	31.40 0.73 0.00	32.98 0.80 0.00	37.11 1.01 0.00	39.10 0.81 0.00	37.75 0.74 0.00	38.30 0.82 0.00	38.64 0.94 0.00	38.93 0.91 0.00	38.34 0.53 0.00	39.48 0.51 0.00	38.88 0.31 0.00	39.82 0.31 0.00	44.79 0.53 0.00	56.61 1.05 0.00	65.76 1.22 0.00	62.71 1.05 0.00	46.77 0.73 0.00	41.71 0.37 0.00	39.50 0.47 0.00	36.07 0.43 0.00
W.BABYLN_69_KV_BK1 56697	39.19 2.08 0.00	35.04 1.60 0.00	32.45 1.31 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.46 1.29 0.00	37.03 0.94 0.01	39.36 1.07 0.00	38.41 1.41 0.00	39.39 1.91 0.00	40.07 2.37 0.00	40.34 2.32 0.00	40.46 2.65 0.00	41.58 2.61 0.00	41.35 2.78 0.00	41.87 2.37 0.00	46.74 2.48 0.00	58.50 2.94 0.00	67.50 2.97 0.01	64.43 2.77 0.01	48.01 1.98 0.01	43.32 1.98 0.00	40.91 1.87 0.00	37.35 1.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.86 1.74 0.00	34.97 1.54 0.00	32.45 1.31 0.00	31.43 1.21 0.00	31.86 1.20 0.00	33.59 1.42 0.00	37.55 1.44 0.00	39.86 1.57 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.66 1.96 0.00	40.03 2.02 0.00	39.89 2.08 0.00	41.15 2.18 0.00	40.81 2.24 0.00	41.75 2.25 0.00	46.92 2.66 0.00	58.78 3.22 0.00	67.96 3.42 0.00	64.87 3.21 0.00	48.43 2.39 0.00	43.61 2.27 0.00	40.87 1.83 0.00	37.28 1.64 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.97 1.86 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.46 1.24 0.00	31.89 1.23 0.00	33.69 1.51 0.00	37.58 1.48 0.00	39.94 1.65 0.00	38.78 1.78 0.00	39.35 1.87 0.00	39.81 2.11 0.00	40.19 2.17 0.00	40.05 2.23 0.00	41.31 2.34 0.00	40.92 2.35 0.00	41.87 2.37 0.00	46.92 2.66 0.00	58.73 3.17 0.00	67.76 3.23 0.00	64.74 3.08 0.00	48.29 2.26 0.00	43.57 2.23 0.00	40.87 1.83 0.00	37.28 1.64 0.00
W50THST__13_KV_LOAD 356117	39.15 2.04 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.98 1.32 0.00	33.78 1.61 0.00	37.73 1.62 0.00	40.09 1.80 0.00	38.97 1.96 0.00	39.54 2.06 0.00	39.96 2.26 0.00	40.38 2.36 0.00	40.20 2.38 0.00	41.47 2.49 0.00	41.12 2.55 0.00	42.03 2.53 0.00	47.14 2.88 0.00	58.95 3.39 0.00	68.09 3.55 0.00	64.99 3.33 0.00	48.52 2.49 0.00	43.74 2.40 0.00	41.02 1.99 0.00	37.39 1.75 0.00
WADING RIVER_IC_1 23522	38.49 1.37 0.00	34.34 0.90 0.00	31.89 0.75 0.00	30.74 0.51 0.00	31.15 0.49 0.00	32.82 0.64 0.00	36.28 0.18 0.01	38.60 0.30 0.00	37.52 0.52 0.00	38.68 1.20 0.00	39.96 2.26 0.00	39.58 1.56 0.00	39.37 1.55 0.00	40.68 1.71 0.00	40.42 1.85 0.00	41.08 1.58 0.00	45.81 1.55 0.00	57.28 1.72 0.00	65.82 1.29 0.01	62.82 1.17 0.01	46.95 0.92 0.01	42.29 0.95 0.00	39.58 0.55 0.00	36.71 1.07 0.00
WADING RIVER_IC_2 23547	38.49 1.37 0.00	34.34 0.90 0.00	31.89 0.75 0.00	30.74 0.51 0.00	31.15 0.49 0.00	32.82 0.64 0.00	36.28 0.18 0.01	38.60 0.30 0.00	37.52 0.52 0.00	38.68 1.20 0.00	39.96 2.26 0.00	39.58 1.56 0.00	39.37 1.55 0.00	40.68 1.71 0.00	40.42 1.85 0.00	41.08 1.58 0.00	45.81 1.55 0.00	57.28 1.72 0.00	65.82 1.29 0.01	62.82 1.17 0.01	46.95 0.92 0.01	42.29 0.95 0.00	39.58 0.55 0.00	36.71 1.07 0.00
WADING RIVER_IC_3 23601	38.49 1.37 0.00	34.34 0.90 0.00	31.89 0.75 0.00	30.74 0.51 0.00	31.15 0.49 0.00	32.82 0.64 0.00	36.28 0.18 0.01	38.60 0.30 0.00	37.52 0.52 0.00	38.68 1.20 0.00	39.96 2.26 0.00	39.58 1.56 0.00	39.37 1.55 0.00	40.68 1.71 0.00	40.42 1.85 0.00	41.08 1.58 0.00	45.81 1.55 0.00	57.28 1.72 0.00	65.82 1.29 0.01	62.82 1.17 0.01	46.95 0.92 0.01	42.29 0.95 0.00	39.58 0.55 0.00	36.71 1.07 0.00
WALDENNY_12_KV_BK2 80841	36.19 -0.93 0.00	32.97 -0.47 0.00	30.93 -0.22 0.00	30.04 -0.18 0.00	30.45 -0.21 0.00	31.59 -0.58 0.00	35.34 -0.76 0.00	37.98 -0.31 0.00	36.49 -0.52 0.00	36.95 -0.52 0.00	36.27 -1.43 0.00	36.69 -1.33 0.00	36.83 -0.98 0.00	37.72 -1.25 0.00	37.14 -1.43 0.00	37.76 -1.74 0.00	41.29 -2.97 0.00	51.44 -4.11 0.00	61.05 -3.49 0.00	58.39 -3.27 0.00	42.90 -3.13 0.00	38.49 -2.85 0.00	37.59 -1.44 0.00	35.28 -0.36 0.00
WALDEN___HYDRO 24148	38.78 1.67 0.00	34.90 1.47 0.00	32.42 1.28 0.00	31.37 1.15 0.00	31.83 1.17 0.00	33.52 1.35 0.00	37.47 1.37 0.00	39.75 1.46 0.00	38.56 1.55 0.00	39.13 1.65 0.00	39.51 1.81 0.00	39.88 1.86 0.00	39.71 1.89 0.00	40.96 1.99 0.00	40.62 2.04 0.00	41.60 2.09 0.00	46.74 2.48 0.00	58.67 3.11 0.00	67.83 3.29 0.00	64.74 3.08 0.00	48.34 2.30 0.00	43.53 2.19 0.00	40.79 1.76 0.00	37.21 1.57 0.00
WARRENSBURG____ 23737	38.12 1.00 0.00	34.34 0.90 0.00	32.02 0.87 0.00	30.95 0.73 0.00	31.40 0.74 0.00	32.95 0.77 0.00	36.93 0.83 0.00	39.02 0.73 0.00	37.56 0.56 0.00	38.04 0.56 0.00	38.30 0.60 0.00	38.48 0.46 0.00	38.23 0.42 0.00	39.40 0.43 0.00	39.11 0.54 0.00	40.17 0.67 0.00	45.46 1.20 0.00	57.28 1.72 0.00	66.73 2.19 0.00	63.57 1.91 0.00	47.55 1.52 0.00	42.41 1.07 0.00	40.05 1.01 0.00	36.39 0.75 0.00
WATERSIDE___6 8 9 23538	38.97 1.86 0.00	35.17 1.74 0.00	32.61 1.46 0.00	31.55 1.33 0.00	31.95 1.29 0.00	33.72 1.54 0.00	37.55 1.44 0.00	39.82 1.53 0.00	38.71 1.70 0.00	39.28 1.80 0.00	39.73 2.04 0.00	40.15 2.13 0.00	40.01 2.19 0.00	41.27 2.30 0.00	40.89 2.31 0.00	41.79 2.29 0.00	46.74 2.48 0.00	58.39 2.83 0.00	67.37 2.84 0.01	64.37 2.71 0.01	48.05 2.03 0.01	43.49 2.15 0.00	40.83 1.80 0.00	37.28 1.64 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.34 0.22 0.00	33.60 0.17 0.00	31.27 0.12 0.00	30.34 0.12 0.00	30.82 0.15 0.00	32.37 0.19 0.00	36.32 0.22 0.00	38.52 0.23 0.00	37.23 0.22 0.00	37.70 0.22 0.00	37.96 0.26 0.00	38.32 0.30 0.00	38.16 0.34 0.00	39.32 0.35 0.00	38.92 0.35 0.00	39.86 0.36 0.00	44.70 0.44 0.00	56.00 0.44 0.00	64.99 0.45 0.00	62.15 0.49 0.00	46.40 0.37 0.00	41.67 0.33 0.00	39.27 0.23 0.00	35.82 0.18 0.00

WDELAWARE___HYD 323627	39.08 1.97 0.00	35.20 1.77 0.00	32.70 1.56 0.00	31.61 1.39 0.00	32.08 1.41 0.00	33.75 1.58 0.00	37.73 1.63 0.00	40.05 1.76 0.00	38.85 1.85 0.00	39.39 1.91 0.00	39.77 2.07 0.00	40.07 2.05 0.00	39.86 2.04 0.00	41.19 2.22 0.00	40.81 2.24 0.00	41.87 2.37 0.00	47.10 2.84 0.00	59.12 3.56 0.00	68.47 3.94 0.00	65.42 3.76 0.00	48.84 2.81 0.00	43.90 2.56 0.00	41.10 2.07 0.00	37.49 1.85 0.00
WEST BABYLON___IC 23714	39.19 2.08 0.00	35.04 1.60 0.00	32.45 1.31 0.00	31.34 1.12 0.00	31.77 1.10 0.00	33.46 1.29 0.00	37.03 0.94 0.01	39.36 1.07 0.00	38.41 1.41 0.00	39.39 1.91 0.00	40.07 2.37 0.00	40.34 2.32 0.00	40.46 2.65 0.00	41.58 2.61 0.00	41.35 2.78 0.00	41.87 2.37 0.00	46.74 2.48 0.00	58.50 2.94 0.00	67.50 2.97 0.01	64.43 2.77 0.01	48.01 1.98 0.01	43.32 1.98 0.00	40.91 1.87 0.00	37.35 1.71 0.00
WEST CANADA___HYD 24049	37.19 0.07 0.00	33.50 0.07 0.00	31.21 0.06 0.00	30.28 0.06 0.00	30.73 0.06 0.00	32.24 0.06 0.00	36.17 0.07 0.00	38.37 0.08 0.00	37.08 0.07 0.00	37.55 0.08 0.00	37.81 0.11 0.00	38.10 0.08 0.00	37.93 0.11 0.00	39.09 0.12 0.00	38.73 0.15 0.00	39.66 0.16 0.00	44.44 0.18 0.00	55.78 0.22 0.00	64.73 0.19 0.00	61.84 0.19 0.00	46.22 0.18 0.00	41.50 0.17 0.00	39.11 0.08 0.00	35.71 0.07 0.00
WESTERN_NY_WIND 24143	36.71 -0.41 0.00	33.53 0.10 0.00	31.36 0.22 0.00	30.37 0.15 0.00	30.91 0.25 0.00	31.98 -0.19 0.00	35.81 -0.29 0.00	38.52 0.23 0.00	36.86 -0.15 0.00	37.33 -0.15 0.00	36.72 -0.98 0.00	37.14 -0.87 0.00	37.21 -0.61 0.00	38.19 -0.78 0.00	37.61 -0.96 0.00	38.32 -1.19 0.00	41.91 -2.35 0.00	52.22 -3.33 0.00	62.21 -2.32 0.00	59.50 -2.16 0.00	43.77 -2.26 0.00	39.35 -1.98 0.00	38.21 -0.82 0.00	35.85 0.21 0.00
WESTOVER___LESR 323668	37.22 0.11 0.00	33.60 0.17 0.00	31.30 0.16 0.00	30.40 0.18 0.00	30.85 0.18 0.00	32.30 0.13 0.00	36.21 0.11 0.00	38.64 0.34 0.00	37.34 0.33 0.00	37.70 0.22 0.00	37.62 -0.08 0.00	37.98 -0.04 0.00	37.89 0.08 0.00	38.97 0.00 0.00	38.61 0.04 0.00	39.54 0.04 0.00	44.13 -0.13 0.00	55.45 -0.11 0.00	64.73 0.19 0.00	61.91 0.25 0.00	46.03 0.00 0.00	41.30 -0.04 0.00	39.15 0.12 0.00	35.92 0.29 0.00
WETHRSFD_WT_PWR 323626	36.22 -0.89 0.00	32.87 -0.57 0.00	30.90 -0.25 0.00	29.89 -0.33 0.00	30.26 -0.40 0.00	31.50 -0.68 0.00	35.27 -0.83 0.00	37.87 -0.42 0.00	36.30 -0.70 0.00	36.58 -0.90 0.00	35.93 -1.77 0.00	36.35 -1.67 0.00	36.83 -0.98 0.00	37.37 -1.60 0.00	36.95 -1.62 0.00	37.57 -1.93 0.00	41.38 -2.88 0.00	51.95 -3.61 0.00	61.57 -2.97 0.00	58.76 -2.90 0.00	43.31 -2.72 0.00	38.86 -2.48 0.00	37.78 -1.25 0.00	35.14 -0.50 0.00
WHAVSTOR_138KV_BK127 55557	38.67 1.56 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.28 1.06 0.00	31.74 1.07 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.09 1.61 0.00	39.47 1.77 0.00	39.88 1.86 0.00	39.74 1.93 0.00	40.96 1.99 0.00	40.62 2.04 0.00	41.56 2.05 0.00	46.65 2.39 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.67 1.56 0.00	34.84 1.40 0.00	32.33 1.18 0.00	31.28 1.06 0.00	31.74 1.07 0.00	33.46 1.29 0.00	37.40 1.30 0.00	39.71 1.42 0.00	38.56 1.55 0.00	39.09 1.61 0.00	39.47 1.77 0.00	39.88 1.86 0.00	39.74 1.93 0.00	40.96 1.99 0.00	40.62 2.04 0.00	41.56 2.05 0.00	46.65 2.39 0.00	58.50 2.94 0.00	67.57 3.03 0.00	64.56 2.90 0.00	48.15 2.12 0.00	43.41 2.07 0.00	40.67 1.64 0.00	37.10 1.46 0.00
WHITEHAL_115KV_TB1 80871	38.75 1.63 0.00	34.87 1.44 0.00	32.55 1.40 0.00	31.43 1.21 0.00	31.89 1.23 0.00	33.49 1.32 0.00	37.55 1.44 0.00	39.63 1.34 0.00	38.08 1.07 0.00	38.56 1.09 0.00	38.75 1.06 0.00	38.93 0.91 0.00	38.61 0.79 0.00	39.83 0.86 0.00	39.54 0.96 0.00	40.65 1.15 0.00	46.08 1.81 0.00	58.23 2.67 0.00	68.02 3.49 0.00	64.74 3.08 0.00	48.47 2.44 0.00	43.12 1.78 0.00	40.71 1.68 0.00	36.96 1.32 0.00
WHITEPLN_13_KV_LOAD 356215	39.12 2.00 0.00	35.21 1.77 0.00	32.67 1.53 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.81 1.64 0.00	37.73 1.62 0.00	40.05 1.76 0.00	38.89 1.89 0.00	39.54 2.06 0.00	40.11 2.41 0.00	40.53 2.51 0.00	40.35 2.53 0.00	41.62 2.65 0.00	41.27 2.70 0.00	42.03 2.53 0.00	47.18 2.92 0.00	59.12 3.56 0.00	68.28 3.74 0.00	65.24 3.58 0.00	48.66 2.62 0.00	43.86 2.52 0.00	41.06 2.03 0.00	37.42 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	38.86 1.74 0.00	34.70 1.27 0.00	32.11 0.97 0.00	30.98 0.76 0.00	31.40 0.74 0.00	33.07 0.90 0.00	36.56 0.47 0.01	38.94 0.65 0.00	38.04 1.04 0.00	39.05 1.57 0.00	39.66 1.96 0.00	39.92 1.90 0.00	40.05 2.23 0.00	41.15 2.18 0.00	40.92 2.35 0.00	41.40 1.90 0.00	46.16 1.90 0.00	57.78 2.22 0.00	66.47 1.94 0.01	63.44 1.79 0.01	47.36 1.33 0.01	42.79 1.45 0.00	40.48 1.44 0.00	37.03 1.39 0.00
WOODARD___115KV_TB2 355635	36.63 -0.48 0.00	33.00 -0.43 0.00	30.68 -0.47 0.00	29.83 -0.39 0.00	30.23 -0.43 0.00	31.69 -0.48 0.00	35.56 -0.54 0.00	37.87 -0.42 0.00	36.60 -0.41 0.00	37.03 -0.45 0.00	37.13 -0.57 0.00	37.45 -0.57 0.00	37.32 -0.49 0.00	38.43 -0.55 0.00	38.07 -0.50 0.00	38.99 -0.51 0.00	43.46 -0.80 0.00	54.56 -1.00 0.00	63.63 -0.90 0.00	60.86 -0.80 0.00	45.34 -0.69 0.00	40.68 -0.66 0.00	38.56 -0.47 0.00	35.25 -0.39 0.00
WOODMERE_69_KV_BK1 55827	39.04 1.93 0.00	35.04 1.60 0.00	32.49 1.34 0.00	31.37 1.15 0.00	31.80 1.13 0.00	33.49 1.32 0.00	37.14 1.05 0.01	39.44 1.15 0.00	38.49 1.48 0.00	39.39 1.91 0.00	40.07 2.37 0.00	40.38 2.36 0.00	40.42 2.61 0.00	41.58 2.61 0.00	41.31 2.74 0.00	41.87 2.37 0.00	46.78 2.52 0.00	58.56 3.00 0.00	67.63 3.10 0.01	64.55 2.90 0.01	48.14 2.12 0.01	43.41 2.07 0.00	40.87 1.83 0.00	37.35 1.71 0.00
YORK___WARBASSE 23770	39.01 1.89 0.00	35.27 1.84 0.00	32.70 1.56 0.00	31.64 1.42 0.00	32.04 1.38 0.00	33.78 1.61 0.00	37.44 1.34 0.00	39.59 1.30 0.00	38.52 1.52 0.00	39.05 1.57 0.00	39.55 1.85 0.00	40.00 1.98 0.00	39.82 2.00 0.00	41.11 2.14 0.00	40.73 2.16 0.00	41.63 2.13 0.00	46.65 2.39 0.00	58.23 2.67 0.00	67.30 2.78 0.01	64.24 2.59 0.01	47.91 1.89 0.01	43.36 2.03 0.00	40.71 1.68 0.00	37.28 1.64 0.00