

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/14/2025

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	43.30	41.47	31.30	30.71	33.11	37.06	55.06	54.20	58.83	63.17	53.19	49.78	40.59	39.53	38.40	42.50	48.06	48.77	64.56	60.17	48.31	47.38	37.88	38.39
24138	1.04	0.90	0.86	0.78	0.78	1.03	1.39	1.58	1.84	2.23	2.04	2.14	1.77	1.66	1.86	2.27	2.60	2.39	3.24	2.92	2.34	2.15	1.89	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	43.46	41.63	31.40	30.78	33.21	37.15	55.15	54.30	58.90	63.25	53.27	49.87	40.67	39.59	38.46	42.57	48.13	48.85	64.65	60.26	48.40	47.47	37.97	38.48
24260	1.21	1.05	0.96	0.85	0.87	1.12	1.47	1.68	1.92	2.32	2.11	2.24	1.85	1.72	1.92	2.34	2.68	2.47	3.33	3.01	2.44	2.25	1.98	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.46	41.63	31.40	30.78	33.21	37.15	55.15	54.30	58.90	63.25	53.27	49.87	40.67	39.59	38.46	42.57	48.13	48.85	64.65	60.26	48.40	47.47	37.97	38.48
24261	1.21	1.05	0.96	0.85	0.87	1.12	1.47	1.68	1.92	2.32	2.11	2.24	1.85	1.72	1.92	2.34	2.68	2.47	3.33	3.01	2.44	2.25	1.98	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.33	41.63	31.28	30.81	33.31	37.16	55.25	54.27	59.03	63.09	52.86	49.14	39.78	38.86	37.51	41.84	47.50	48.45	63.92	59.63	48.05	47.15	37.32	37.84
24011	1.08	1.05	0.85	0.87	0.97	1.12	1.57	1.65	2.05	2.15	1.70	1.51	0.96	0.99	0.97	1.61	2.05	2.07	2.60	2.37	2.08	1.92	1.33	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	43.52	41.84	31.44	30.97	33.51	37.38	55.50	54.55	59.45	63.56	53.19	49.42	39.89	39.04	37.68	42.10	47.82	48.83	64.29	60.00	48.38	47.48	37.53	38.03
23798	1.27	1.26	1.00	1.03	1.17	1.35	1.82	1.93	2.48	2.62	2.03	1.79	1.07	1.17	1.14	1.87	2.37	2.45	2.97	2.74	2.41	2.26	1.54	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.33	41.63	31.28	30.81	33.31	37.16	55.25	54.27	59.03	63.09</														

ALBANY___2 23572	41.29 -0.96 0.00	39.69 -0.89 0.00	29.91 -0.52 0.00	29.42 -0.52 0.00	31.77 -0.56 0.00	35.39 -0.65 0.00	52.45 -1.23 0.00	51.51 -1.11 0.00	55.97 -1.01 0.00	59.85 -1.08 0.00	50.37 -0.78 0.00	47.00 -0.63 0.00	38.19 -0.64 0.00	37.27 -0.60 0.00	36.12 -0.42 0.00	39.96 -0.27 0.00	45.25 -0.20 0.00	45.90 -0.48 0.00	60.63 -0.69 0.00	56.61 -0.64 0.00	45.63 -0.34 0.00	44.86 -0.37 0.00	35.69 -0.30 0.00	36.30 -0.29 0.00
ALBANY___3 23573	41.29 -0.96 0.00	39.69 -0.89 0.00	29.91 -0.52 0.00	29.42 -0.52 0.00	31.77 -0.56 0.00	35.39 -0.65 0.00	52.45 -1.23 0.00	51.51 -1.11 0.00	55.97 -1.01 0.00	59.85 -1.08 0.00	50.37 -0.78 0.00	47.00 -0.63 0.00	38.19 -0.64 0.00	37.27 -0.60 0.00	36.12 -0.42 0.00	39.96 -0.27 0.00	45.25 -0.20 0.00	45.90 -0.48 0.00	60.63 -0.69 0.00	56.61 -0.64 0.00	45.63 -0.34 0.00	44.86 -0.37 0.00	35.69 -0.30 0.00	36.30 -0.29 0.00
ALBANY___4 23574	41.29 -0.96 0.00	39.69 -0.89 0.00	29.91 -0.52 0.00	29.42 -0.52 0.00	31.77 -0.56 0.00	35.39 -0.65 0.00	52.45 -1.23 0.00	51.51 -1.11 0.00	55.97 -1.01 0.00	59.85 -1.08 0.00	50.37 -0.78 0.00	47.00 -0.63 0.00	38.19 -0.64 0.00	37.27 -0.60 0.00	36.12 -0.42 0.00	39.96 -0.27 0.00	45.25 -0.20 0.00	45.90 -0.48 0.00	60.63 -0.69 0.00	56.61 -0.64 0.00	45.63 -0.34 0.00	44.86 -0.37 0.00	35.69 -0.30 0.00	36.30 -0.29 0.00
ALBANY___LFGE 323615	41.79 -0.46 0.00	40.17 -0.41 0.00	30.26 -0.18 0.00	29.76 -0.17 0.00	32.14 -0.19 0.00	35.80 -0.23 0.00	53.11 -0.56 0.00	52.18 -0.44 0.00	56.67 -0.31 0.00	60.62 -0.31 0.00	51.01 -0.15 0.00	47.59 -0.04 0.00	38.67 -0.15 0.00	37.74 -0.13 0.00	36.56 0.02 0.00	40.46 0.23 0.00	45.80 0.34 0.00	46.46 0.08 0.00	61.37 0.05 0.00	57.28 0.02 0.00	46.16 0.19 0.00	45.35 0.12 0.00	36.06 0.07 0.00	36.66 0.07 0.00
ALCOA_PA_115KV_PL-6C 55860	43.51 1.26 0.00	41.91 1.33 0.00	31.36 0.92 0.00	30.81 0.88 0.00	33.34 1.00 0.00	37.17 1.14 0.00	55.41 1.73 0.00	54.28 1.66 0.00	58.69 1.71 0.00	62.71 1.78 0.00	52.46 1.30 0.00	48.72 1.09 0.00	39.83 1.01 0.00	38.84 0.97 0.00	37.35 0.81 0.00	40.71 0.48 0.00	45.90 0.44 0.00	46.90 0.52 0.00	62.06 0.74 0.00	57.97 0.72 0.00	46.46 0.49 0.00	45.79 0.56 0.00	36.44 0.45 0.00	37.09 0.50 0.00
ALCOA_RYNLDS___DRP 24188	43.51 1.26 0.00	41.91 1.33 0.00	31.36 0.92 0.00	30.81 0.88 0.00	33.34 1.00 0.00	37.17 1.14 0.00	55.41 1.73 0.00	54.28 1.66 0.00	58.69 1.71 0.00	62.71 1.78 0.00	52.46 1.30 0.00	48.72 1.09 0.00	39.83 1.01 0.00	38.84 0.97 0.00	37.35 0.81 0.00	40.71 0.48 0.00	45.90 0.44 0.00	46.90 0.52 0.00	62.06 0.74 0.00	57.97 0.72 0.00	46.46 0.49 0.00	45.79 0.56 0.00	36.44 0.45 0.00	37.09 0.50 0.00
ALCOA___DSASP 323711	43.51 1.26 0.00	41.91 1.33 0.00	31.36 0.92 0.00	30.81 0.88 0.00	33.34 1.00 0.00	37.17 1.14 0.00	55.41 1.73 0.00	54.28 1.66 0.00	58.69 1.71 0.00	62.71 1.78 0.00	52.46 1.30 0.00	48.72 1.09 0.00	39.83 1.01 0.00	38.84 0.97 0.00	37.35 0.81 0.00	40.71 0.48 0.00	45.90 0.44 0.00	46.90 0.52 0.00	62.06 0.73 0.00	57.97 0.72 0.00	46.46 0.49 0.00	45.79 0.56 0.00	36.45 0.46 0.00	37.09 0.50 0.00
ALLEGHENY___COGEN 23514	44.84 2.59 0.00	42.91 2.33 0.00	31.92 1.48 0.00	31.46 1.53 0.00	33.99 1.65 0.00	37.96 1.92 0.00	57.12 3.45 0.00	55.74 3.13 0.00	60.20 3.22 0.00	64.06 3.13 0.00	53.53 2.38 0.00	49.89 2.26 0.00	40.56 1.74 0.00	38.98 1.12 0.00	36.98 0.44 0.00	40.03 -0.20 0.00	45.01 -0.44 0.00	47.21 0.83 0.00	63.49 2.17 0.00	59.68 2.43 0.00	47.51 1.54 0.00	46.75 1.53 0.00	37.18 1.19 0.00	37.83 1.24 0.00
ALTAMONT_115KV_TB 2 55880	41.92 -0.33 0.00	40.26 -0.32 0.00	30.30 -0.14 0.00	29.79 -0.15 0.00	32.17 -0.17 0.00	35.83 -0.20 0.00	53.22 -0.46 0.00	52.21 -0.40 0.00	57.78 -0.33 -1.13	60.79 -0.31 -0.17	51.01 -0.15 0.00	47.60 -0.03 0.00	38.70 -0.12 0.00	37.76 -0.11 0.00	36.55 0.01 0.00	40.43 0.20 0.00	45.73 0.28 0.00	46.46 0.08 0.00	61.38 0.07 0.00	57.29 0.04 0.00	46.15 0.19 0.00	45.39 0.16 0.00	36.15 0.16 0.00	36.77 0.18 0.00
ALTONA_WT_PWR 323606	43.86 1.60 0.00	42.23 1.65 0.00	31.51 1.07 0.00	31.10 1.17 0.00	33.65 1.32 0.00	37.27 1.24 0.00	54.88 1.20 0.00	53.33 0.71 0.00	57.64 0.67 0.00	61.49 0.55 0.00	51.35 0.19 0.00	47.33 -0.30 0.00	39.13 0.30 0.00	38.34 0.47 0.00	36.95 0.41 0.00	40.82 0.59 0.00	45.25 -0.21 0.00	45.91 -0.47 0.00	60.42 -0.90 0.00	56.56 -0.70 0.00	45.44 -0.52 0.00	44.93 -0.29 0.00	35.75 -0.24 0.00	36.18 -0.41 0.00
AMERICAN_REF_FUEL 24010	42.66 0.41 0.00	40.93 0.35 0.00	30.41 -0.02 0.00	29.97 0.03 0.00	32.33 0.00 0.00	35.86 -0.17 0.00	53.44 -0.24 0.00	51.36 -1.25 0.00	55.72 -1.26 0.00	59.46 -1.47 0.00	49.91 -1.25 0.00	46.65 -0.98 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.79 -0.75 0.00	38.48 -1.75 0.00	42.80 -2.66 0.00	43.99 -2.40 0.00	57.79 -3.53 0.00	53.99 -3.27 0.00	43.10 -2.87 0.00	42.98 -2.24 0.00	34.64 -1.35 0.00	35.89 -0.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.82 1.57 0.00	41.92 1.34 0.00	30.99 0.55 0.00	30.61 0.67 0.00	32.94 0.60 0.00	36.73 0.70 0.00	55.12 1.45 0.00	53.75 1.14 0.00	58.30 1.32 0.00	62.58 1.65 0.00	51.71 0.56 0.00	48.33 0.70 0.00	39.29 0.46 0.00	38.56 0.69 0.00	36.93 0.39 0.00	40.13 -0.10 0.00	44.87 -0.58 0.00	46.34 -0.05 0.00	61.31 -0.01 0.00	57.12 -0.13 0.00	45.25 -0.71 0.00	44.67 -0.56 0.00	35.68 -0.31 0.00	36.62 0.04 0.00
ARTHUR KILL_GT_1 23520	43.02 0.77 0.00	41.20 0.62 0.00	31.24 0.80 0.00	30.53 0.59 0.00	32.83 0.50 0.00	36.73 0.69 0.00	54.26 0.58 0.00	53.27 0.66 0.00	57.81 0.83 0.00	62.09 1.16 0.00	52.19 1.03 0.00	49.09 1.46 0.00	39.89 1.06 0.00	38.87 1.00 0.00	37.80 1.26 0.00	41.79 1.57 0.00	47.33 1.88 0.00	48.05 1.67 0.00	63.76 2.44 0.00	59.57 2.32 0.00	47.85 1.89 0.00	46.88 1.66 0.00	37.60 1.61 0.00	38.12 1.54 0.00
ARTHUR_KILL_2 23512	42.90 0.65 0.00	41.09 0.51 0.00	31.16 0.72 0.00	30.44 0.51 0.00	32.74 0.40 0.00	36.62 0.58 0.00	54.10 0.42 0.00	53.11 0.49 0.00	57.64 0.65 0.00	61.92 0.99 0.00	52.04 0.88 0.00	48.96 1.33 0.00	39.78 0.96 0.00	38.77 0.90 0.00	37.70 1.16 0.00	41.68 1.45 0.00	47.19 1.74 0.00	47.92 1.53 0.00	63.57 2.25 0.00	59.37 2.12 0.00	47.71 1.75 0.00	46.75 1.52 0.00	37.50 1.51 0.00	38.03 1.44 0.00
ARTHUR_KILL_3 23513	42.82 0.57 0.00	41.01 0.43 0.00	31.00 0.57 0.00	30.44 0.51 0.00	32.85 0.52 0.00	36.75 0.72 0.00	54.52 0.85 0.00	53.61 0.99 0.00	58.14 1.16 0.00	62.43 1.49 0.00	52.56 1.40 0.00	49.16 1.54 0.00	40.13 1.30 0.00	39.06 1.19 0.00	37.96 1.42 0.00	42.01 1.79 0.00	47.52 2.06 0.00	48.22 1.84 0.00	63.83 2.51 0.00	59.51 2.25 0.00	47.79 1.83 0.00	46.86 1.64 0.00	37.53 1.53 0.00	38.03 1.45 0.00

ARTHUR_KILL_COGEN 323718	43.02 0.77 0.00	41.20 0.62 0.00	31.24 0.80 0.00	30.53 0.59 0.00	32.83 0.50 0.00	36.72 0.69 0.00	54.26 0.58 0.00	53.27 0.66 0.00	57.80 0.82 0.00	62.09 1.16 0.00	52.18 1.03 0.00	49.09 1.46 0.00	39.89 1.06 0.00	38.87 1.00 0.00	37.80 1.26 0.00	41.80 1.57 0.00	47.33 1.87 0.00	48.05 1.67 0.00	63.76 2.44 0.00	59.56 2.31 0.00	47.85 1.89 0.00	46.88 1.66 0.00	37.61 1.62 0.00	38.13 1.54 0.00
ASHOKAN____ 23654	42.54 0.29 0.00	40.76 0.18 0.00	30.71 0.27 0.00	30.16 0.22 0.00	32.58 0.24 0.00	36.55 0.52 0.00	54.46 0.78 0.00	53.69 1.08 0.00	29.17 1.80 29.61	58.02 1.45 4.36	52.36 1.20 0.00	48.74 1.11 0.00	39.54 0.72 0.00	38.54 0.67 0.00	37.34 0.80 0.00	41.42 1.20 0.00	46.76 1.31 0.00	47.66 1.28 0.00	63.46 2.14 0.00	58.84 1.59 0.00	47.33 1.36 0.00	46.46 1.24 0.00	36.90 0.91 0.00	37.36 0.78 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.94 0.69 0.00	41.22 0.64 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.86 1.71 0.00	49.56 1.93 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.58 0.00	42.18 1.95 0.00	47.72 2.26 0.00	48.46 2.07 0.00	64.08 2.76 0.00	59.79 2.53 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_EAST_ENERGY_CC2 323582	42.92 0.67 0.00	41.19 0.61 0.00	31.09 0.65 0.00	30.45 0.51 0.00	32.81 0.47 0.00	36.71 0.67 0.00	54.57 0.90 0.00	53.87 1.25 0.00	58.47 1.49 0.00	62.82 1.88 0.00	52.85 1.69 0.00	49.54 1.90 0.00	40.33 1.51 0.00	39.17 1.30 0.00	38.10 1.56 0.00	42.15 1.92 0.00	47.70 2.24 0.00	48.43 2.05 0.00	64.05 2.73 0.00	59.76 2.50 0.00	47.99 2.03 0.00	47.05 1.82 0.00	37.66 1.67 0.00	38.15 1.56 0.00
ASTORIA_GT2_1 24094	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT2_2 24095	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT2_3 24096	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT2_4 24097	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT3_1 24098	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT3_2 24099	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT3_3 24100	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT3_4 24101	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT4_1 24102	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT4_2 24103	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT4_3 24104	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00

ASTORIA_GT4_4 24105	42.94 0.69 0.00	41.21 0.63 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.85 1.69 0.00	49.57 1.94 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.72 2.27 0.00	48.46 2.08 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA_GT_1 23523	43.01 0.76 0.00	41.27 0.69 0.00	31.15 0.71 0.00	30.51 0.57 0.00	32.88 0.54 0.00	36.79 0.76 0.00	54.70 1.03 0.00	54.01 1.40 0.00	58.62 1.65 0.00	62.96 2.03 0.00	52.95 1.80 0.00	49.67 2.03 0.00	40.43 1.61 0.00	39.27 1.40 0.00	38.21 1.67 0.00	42.26 2.03 0.00	47.82 2.37 0.00	48.56 2.18 0.00	64.21 2.89 0.00	59.90 2.65 0.00	48.11 2.14 0.00	47.15 1.93 0.00	37.74 1.74 0.00	38.23 1.64 0.00
ASTORIA_GT_10 24110	43.12 0.87 0.00	41.35 0.77 0.00	31.26 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 1.00 0.00	53.75 1.13 0.00	58.27 1.29 0.00	62.58 1.64 0.00	52.67 1.51 0.00	49.42 1.79 0.00	40.30 1.47 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.24 0.00	48.42 2.04 0.00	64.00 2.68 0.00	59.68 2.43 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
ASTORIA_GT_11 24225	43.12 0.87 0.00	41.35 0.77 0.00	31.26 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 1.00 0.00	53.75 1.13 0.00	58.27 1.29 0.00	62.58 1.64 0.00	52.67 1.51 0.00	49.42 1.79 0.00	40.30 1.47 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.24 0.00	48.42 2.04 0.00	64.00 2.68 0.00	59.68 2.43 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
ASTORIA_GT_12 24226	43.12 0.87 0.00	41.35 0.77 0.00	31.26 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 1.00 0.00	53.75 1.13 0.00	58.27 1.29 0.00	62.58 1.64 0.00	52.67 1.51 0.00	49.42 1.79 0.00	40.30 1.47 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.24 0.00	48.42 2.04 0.00	64.00 2.68 0.00	59.68 2.43 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
ASTORIA_GT_13 24227	43.12 0.87 0.00	41.35 0.77 0.00	31.26 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 1.00 0.00	53.75 1.13 0.00	58.27 1.29 0.00	62.58 1.64 0.00	52.67 1.51 0.00	49.42 1.79 0.00	40.30 1.47 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.24 0.00	48.42 2.04 0.00	64.00 2.68 0.00	59.68 2.43 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
ASTORIA_GT_5 24106	43.01 0.76 0.00	41.27 0.69 0.00	31.15 0.71 0.00	30.51 0.57 0.00	32.88 0.54 0.00	36.79 0.76 0.00	54.70 1.03 0.00	54.01 1.40 0.00	58.62 1.65 0.00	62.96 2.03 0.00	52.95 1.80 0.00	49.67 2.03 0.00	40.43 1.61 0.00	39.27 1.40 0.00	38.21 1.67 0.00	42.26 2.03 0.00	47.82 2.37 0.00	48.56 2.18 0.00	64.21 2.89 0.00	59.90 2.65 0.00	48.11 2.14 0.00	47.15 1.93 0.00	37.74 1.74 0.00	38.23 1.64 0.00
ASTORIA_GT_7 24107	43.01 0.76 0.00	41.27 0.69 0.00	31.15 0.71 0.00	30.51 0.57 0.00	32.88 0.54 0.00	36.79 0.76 0.00	54.70 1.03 0.00	54.01 1.40 0.00	58.62 1.65 0.00	62.96 2.03 0.00	52.95 1.80 0.00	49.67 2.03 0.00	40.43 1.61 0.00	39.27 1.40 0.00	38.21 1.67 0.00	42.26 2.03 0.00	47.82 2.37 0.00	48.56 2.18 0.00	64.21 2.89 0.00	59.90 2.65 0.00	48.11 2.14 0.00	47.15 1.93 0.00	37.74 1.74 0.00	38.23 1.64 0.00
ASTORIA_GT_8 24108	43.01 0.76 0.00	41.27 0.69 0.00	31.15 0.71 0.00	30.51 0.57 0.00	32.88 0.54 0.00	36.79 0.76 0.00	54.70 1.03 0.00	54.01 1.40 0.00	58.62 1.65 0.00	62.96 2.03 0.00	52.95 1.80 0.00	49.67 2.03 0.00	40.43 1.61 0.00	39.27 1.40 0.00	38.21 1.67 0.00	42.26 2.03 0.00	47.82 2.37 0.00	48.56 2.18 0.00	64.21 2.89 0.00	59.90 2.65 0.00	48.11 2.14 0.00	47.15 1.93 0.00	37.74 1.74 0.00	38.23 1.64 0.00
ASTORIA___2 24149	42.94 0.69 0.00	41.22 0.64 0.00	31.10 0.66 0.00	30.47 0.54 0.00	32.82 0.49 0.00	36.73 0.69 0.00	54.60 0.93 0.00	53.91 1.29 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.86 1.71 0.00	49.56 1.93 0.00	40.35 1.52 0.00	39.19 1.32 0.00	38.13 1.58 0.00	42.18 1.95 0.00	47.72 2.26 0.00	48.46 2.07 0.00	64.08 2.76 0.00	59.79 2.53 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.68 1.69 0.00	38.17 1.58 0.00
ASTORIA___3 23516	43.12 0.86 0.00	41.35 0.77 0.00	31.25 0.81 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 0.99 0.00	53.74 1.12 0.00	58.26 1.28 0.00	62.57 1.64 0.00	52.68 1.52 0.00	49.42 1.78 0.00	40.29 1.47 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.23 0.00	48.41 2.04 0.00	64.00 2.68 0.00	59.68 2.42 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
ASTORIA___4 23517	43.12 0.87 0.00	41.35 0.77 0.00	31.25 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 1.00 0.00	53.74 1.12 0.00	58.27 1.29 0.00	62.57 1.64 0.00	52.67 1.51 0.00	49.41 1.78 0.00	40.29 1.47 0.00	39.23 1.36 0.00	38.14 1.59 0.00	42.18 1.95 0.00	47.69 2.24 0.00	48.42 2.04 0.00	64.00 2.68 0.00	59.68 2.42 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
ASTORIA___5 23518	43.12 0.86 0.00	41.35 0.77 0.00	31.25 0.81 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 0.99 0.00	53.74 1.12 0.00	58.26 1.28 0.00	62.57 1.64 0.00	52.68 1.52 0.00	49.42 1.78 0.00	40.29 1.47 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.23 0.00	48.41 2.04 0.00	64.00 2.68 0.00	59.68 2.42 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
AST_ENERGY_2_CC3 323677	42.48 0.23 0.00	40.77 0.19 0.00	30.77 0.33 0.00	30.14 0.21 0.00	32.48 0.14 0.00	36.34 0.30 0.00	54.02 0.35 0.00	53.34 0.73 0.00	57.89 0.91 0.00	62.19 1.25 0.00	52.31 1.15 0.00	49.04 1.41 0.00	39.93 1.11 0.00	38.78 0.91 0.00	37.73 1.19 0.00	41.75 1.52 0.00	47.24 1.79 0.00	47.97 1.59 0.00	63.43 2.11 0.00	59.18 1.93 0.00	47.53 1.57 0.00	46.60 1.37 0.00	37.30 1.31 0.00	37.78 1.19 0.00
AST_ENERGY_2_CC4 323678	42.48 0.23 0.00	40.77 0.19 0.00	30.77 0.33 0.00	30.14 0.21 0.00	32.48 0.14 0.00	36.34 0.30 0.00	54.02 0.35 0.00	53.34 0.73 0.00	57.89 0.91 0.00	62.19 1.25 0.00	52.31 1.15 0.00	49.04 1.41 0.00	39.93 1.11 0.00	38.78 0.91 0.00	37.73 1.19 0.00	41.75 1.52 0.00	47.24 1.79 0.00	47.97 1.59 0.00	63.43 2.11 0.00	59.18 1.93 0.00	47.53 1.57 0.00	46.60 1.37 0.00	37.30 1.31 0.00	37.78 1.19 0.00

ATHENS_STG_1 23668	42.37 0.12 0.00	40.65 0.07 0.00	30.60 0.16 0.00	30.06 0.13 0.00	32.45 0.11 0.00	36.16 0.13 0.00	53.74 0.06 0.00	52.77 0.16 0.00	57.20 0.22 0.00	61.29 0.36 0.00	51.58 0.43 0.00	48.18 0.55 0.00	39.20 0.38 0.00	38.21 0.34 0.00	37.02 0.48 0.00	40.98 0.75 0.00	46.34 0.88 0.00	47.05 0.67 0.00	62.18 0.86 0.00	58.03 0.78 0.00	46.76 0.79 0.00	45.96 0.73 0.00	36.62 0.63 0.00	37.18 0.59 0.00
ATHENS_STG_2 23670	42.37 0.12 0.00	40.65 0.07 0.00	30.60 0.16 0.00	30.06 0.13 0.00	32.45 0.11 0.00	36.16 0.13 0.00	53.74 0.06 0.00	52.77 0.16 0.00	57.20 0.22 0.00	61.29 0.36 0.00	51.58 0.43 0.00	48.18 0.55 0.00	39.20 0.38 0.00	38.21 0.34 0.00	37.02 0.48 0.00	40.98 0.75 0.00	46.34 0.88 0.00	47.05 0.67 0.00	62.18 0.86 0.00	58.03 0.78 0.00	46.76 0.79 0.00	45.96 0.73 0.00	36.62 0.63 0.00	37.18 0.59 0.00
ATHENS_STG_3 23677	42.37 0.12 0.00	40.65 0.07 0.00	30.60 0.16 0.00	30.06 0.13 0.00	32.45 0.11 0.00	36.16 0.13 0.00	53.74 0.06 0.00	52.77 0.16 0.00	57.20 0.22 0.00	61.29 0.36 0.00	51.58 0.43 0.00	48.18 0.55 0.00	39.20 0.38 0.00	38.21 0.34 0.00	37.02 0.48 0.00	40.98 0.75 0.00	46.34 0.88 0.00	47.05 0.67 0.00	62.18 0.86 0.00	58.03 0.78 0.00	46.76 0.79 0.00	45.96 0.73 0.00	36.62 0.63 0.00	37.18 0.59 0.00
AUBURN___LFGE 323710	42.57 0.32 0.00	40.84 0.26 0.00	30.54 0.11 0.00	30.08 0.15 0.00	32.48 0.14 0.00	36.32 0.29 0.00	54.33 0.66 0.00	53.16 0.55 0.00	57.48 0.50 0.00	61.43 0.50 0.00	51.58 0.42 0.00	47.91 0.28 0.00	38.93 0.11 0.00	38.05 0.18 0.00	36.80 0.25 0.00	40.43 0.20 0.00	45.38 -0.08 0.00	46.50 0.12 0.00	61.94 0.62 0.00	57.83 0.57 0.00	46.28 0.32 0.00	45.47 0.25 0.00	36.19 0.20 0.00	36.70 0.11 0.00
BABYLON_RES_REC 323704	42.72 0.47 0.00	41.06 0.48 0.00	31.16 0.72 0.00	30.44 0.51 0.00	32.53 0.19 0.00	36.02 -0.01 0.00	53.34 -0.33 0.00	52.55 -0.07 0.00	56.93 -0.04 0.01	61.36 0.43 0.00	51.65 0.50 0.00	47.91 0.28 0.00	39.39 0.56 0.00	38.41 0.54 0.00	37.48 0.94 0.00	41.12 0.89 0.00	46.81 1.35 0.00	47.28 0.90 0.00	61.70 1.11 0.73	57.39 1.09 0.96	46.35 1.16 0.78	45.59 1.07 0.71	37.54 1.55 0.00	38.21 1.62 0.00
BALL_HILL_WT_PWR 323825	43.44 1.19 0.00	41.61 1.03 0.00	30.83 0.39 0.00	30.42 0.49 0.00	32.77 0.43 0.00	36.48 0.44 0.00	54.66 0.98 0.00	52.96 0.35 0.00	57.26 0.28 0.00	61.31 0.37 0.00	51.15 -0.01 0.00	47.84 0.21 0.00	38.96 0.13 0.00	38.22 0.35 0.00	36.61 0.07 0.00	39.66 -0.57 0.00	44.31 -1.14 0.00	45.70 -0.68 0.00	60.38 -0.93 0.00	56.36 -0.89 0.00	44.78 -1.19 0.00	44.30 -0.92 0.00	35.48 -0.52 0.00	36.46 -0.13 0.00
BARON_WINDS___WT_PWR 323822	43.09 0.84 0.00	41.33 0.75 0.00	30.70 0.26 0.00	30.29 0.35 0.00	32.65 0.32 0.00	36.37 0.34 0.00	54.44 0.76 0.00	52.90 0.28 0.00	56.89 -0.09 0.00	60.68 -0.25 0.00	50.51 -0.65 0.00	47.27 -0.37 0.00	38.43 -0.39 0.00	37.64 -0.23 0.00	35.98 -0.56 0.00	38.99 -1.24 0.00	43.76 -1.70 0.00	45.48 -0.91 0.00	60.41 -0.91 0.00	56.32 -0.93 0.00	44.91 -1.06 0.00	44.20 -1.02 0.00	35.20 -0.79 0.00	35.78 -0.81 0.00
BARRETT_IC_1 23704	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_10 23701	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_11 23702	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_12 23703	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_2 23705	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_3 23706	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_4 23707	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_5 23708	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00

BARRETT_IC_6 23709	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_7 23710	42.57 0.32 0.00	40.92 0.34 0.00	30.98 0.55 0.00	30.32 0.39 0.00	32.64 0.30 0.00	36.32 0.28 0.00	53.61 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.26 1.11 0.00	48.63 1.00 0.00	39.88 1.06 0.00	38.88 1.01 0.00	37.86 1.32 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.46 0.00	37.46 1.47 0.00	38.04 1.46 0.00
BARRETT_IC_8 23711	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT_IC_9 23700	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT___1 23545	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BARRETT___2 23546	42.57 0.32 0.00	40.92 0.34 0.00	30.99 0.55 0.00	30.32 0.39 0.00	32.63 0.30 0.00	36.32 0.28 0.00	53.62 -0.06 0.00	53.49 0.87 0.00	57.98 1.00 0.00	62.18 1.24 0.00	52.27 1.11 0.00	48.64 1.00 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.85 1.31 0.00	41.65 1.42 0.00	47.30 1.84 0.00	47.58 1.20 0.00	62.88 1.55 0.00	58.81 1.52 -0.04	47.68 1.71 0.00	46.68 1.45 0.00	37.46 1.47 0.00	38.05 1.46 0.00
BATAVIA___115KV_TB1 55881	43.94 1.68 0.00	42.10 1.52 0.00	31.31 0.87 0.00	30.83 0.90 0.00	33.29 0.96 0.00	37.08 1.05 0.00	55.53 1.86 0.00	53.84 1.22 0.00	58.86 1.88 0.00	62.54 1.61 0.00	52.28 1.12 0.00	48.76 1.13 0.00	39.31 0.49 0.00	38.29 0.42 0.00	36.67 0.13 0.00	39.67 -0.56 0.00	44.43 -1.02 0.00	46.06 -0.32 0.00	61.15 -0.17 0.00	57.20 -0.06 0.00	45.59 -0.38 0.00	45.18 -0.04 0.00	36.23 0.23 0.00	37.23 0.64 0.00
BAYONEEC___CTG1 323682	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG10 323750	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG2 323683	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG3 323684	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG4 323685	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG5 323686	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG6 323687	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG7 323688	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00

BAYONEEC___CTG8 323689	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BAYONEEC___CTG9 323749	43.02 0.77 0.00	41.24 0.66 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.64 0.00	36.90 0.86 0.00	54.75 1.08 0.00	53.85 1.23 0.00	58.42 1.45 0.00	62.70 1.77 0.00	52.81 1.65 0.00	49.40 1.77 0.00	40.32 1.50 0.00	39.25 1.38 0.00	38.14 1.59 0.00	42.21 1.98 0.00	47.73 2.27 0.00	48.43 2.05 0.00	64.10 2.78 0.00	59.77 2.52 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.69 1.70 0.00	38.21 1.62 0.00
BEACON___LESR 323632	41.83 -0.42 0.00	40.21 -0.37 0.00	30.24 -0.20 0.00	29.74 -0.19 0.00	32.14 -0.19 0.00	35.86 -0.17 0.00	53.29 -0.39 0.00	52.38 -0.24 0.00	56.86 -0.12 0.00	60.78 -0.15 0.00	51.23 0.07 0.00	47.77 0.14 0.00	38.80 -0.02 0.00	37.89 0.02 0.00	36.71 0.17 0.00	40.66 0.43 0.00	46.11 0.65 0.00	46.82 0.44 0.00	61.76 0.44 0.00	57.58 0.33 0.00	46.36 0.39 0.00	45.53 0.30 0.00	36.20 0.21 0.00	36.83 0.24 0.00
BEAVER RIVER___HYD 24048	43.83 1.58 0.00	42.18 1.60 0.00	31.57 1.14 0.00	31.09 1.16 0.00	33.65 1.31 0.00	37.66 1.63 0.00	56.49 2.81 0.00	55.54 2.93 0.00	60.08 3.10 0.00	64.00 3.07 0.00	53.35 2.19 0.00	49.54 1.91 0.00	40.33 1.51 0.00	39.30 1.43 0.00	37.79 1.25 0.00	41.55 1.32 0.00	46.51 1.05 0.00	47.82 1.44 0.00	64.12 2.80 0.00	59.99 2.74 0.00	47.85 1.89 0.00	46.94 1.71 0.00	37.03 1.04 0.00	37.66 1.07 0.00
BEEBEE_GT_13 23619	42.85 0.59 0.00	41.07 0.49 0.00	30.63 0.19 0.00	30.16 0.22 0.00	32.57 0.23 0.00	36.30 0.26 0.00	54.37 0.69 0.00	53.00 0.39 0.00	57.49 0.51 0.00	61.25 0.32 0.00	51.43 0.28 0.00	47.94 0.30 0.00	39.07 0.25 0.00	38.17 0.30 0.00	36.69 0.15 0.00	39.98 -0.25 0.00	44.97 -0.48 0.00	46.29 -0.09 0.00	61.18 -0.14 0.00	57.11 -0.15 0.00	45.61 -0.35 0.00	45.02 -0.21 0.00	35.95 -0.04 0.00	36.71 0.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.34 1.08 0.00	41.52 0.94 0.00	31.40 0.96 0.00	30.70 0.77 0.00	33.05 0.72 0.00	36.98 0.95 0.00	54.82 1.14 0.00	53.92 1.31 0.00	58.52 1.54 0.00	62.85 1.92 0.00	52.87 1.71 0.00	49.62 1.99 0.00	40.39 1.57 0.00	39.34 1.47 0.00	38.24 1.70 0.00	42.31 2.08 0.00	47.86 2.41 0.00	48.61 2.22 0.00	64.39 3.08 0.00	60.10 2.84 0.00	48.28 2.31 0.00	47.33 2.10 0.00	37.92 1.93 0.00	38.42 1.83 0.00
BETHLEHEM___GRP 23843	41.29 -0.96 0.00	39.69 -0.89 0.00	29.91 -0.52 0.00	29.42 -0.52 0.00	31.77 -0.56 0.00	35.39 -0.65 0.00	52.45 -1.23 0.00	51.51 -1.11 0.00	55.97 -1.01 0.00	59.85 -1.08 0.00	50.37 -0.78 0.00	47.00 -0.63 0.00	38.19 -0.64 0.00	37.27 -0.60 0.00	36.12 -0.42 0.00	39.96 -0.27 0.00	45.25 -0.20 0.00	45.90 -0.48 0.00	60.63 -0.69 0.00	56.61 -0.64 0.00	45.63 -0.34 0.00	44.86 -0.37 0.00	35.69 -0.30 0.00	36.30 -0.29 0.00
BETHLEHEM___GS1 323560	41.29 -0.96 0.00	39.69 -0.89 0.00	29.91 -0.52 0.00	29.42 -0.52 0.00	31.77 -0.56 0.00	35.38 -0.65 0.00	52.45 -1.22 0.00	51.51 -1.10 0.00	55.98 -1.01 0.00	59.85 -1.08 0.00	50.37 -0.78 0.00	47.00 -0.63 0.00	38.19 -0.64 0.00	37.27 -0.60 0.00	36.13 -0.41 0.00	39.96 -0.27 0.00	45.25 -0.20 0.00	45.90 -0.48 0.00	60.63 -0.69 0.00	56.61 -0.64 0.00	45.63 -0.33 0.00	44.86 -0.37 0.00	35.70 -0.29 0.00	36.30 -0.29 0.00
BETHLEHEM___GS2 323561	41.29 -0.96 0.00	39.69 -0.89 0.00	29.91 -0.52 0.00	29.42 -0.52 0.00	31.77 -0.56 0.00	35.38 -0.65 0.00	52.45 -1.22 0.00	51.51 -1.10 0.00	55.98 -1.01 0.00	59.85 -1.08 0.00	50.37 -0.78 0.00	47.00 -0.63 0.00	38.19 -0.64 0.00	37.27 -0.60 0.00	36.13 -0.41 0.00	39.96 -0.27 0.00	45.25 -0.20 0.00	45.90 -0.48 0.00	60.63 -0.69 0.00	56.61 -0.64 0.00	45.63 -0.33 0.00	44.86 -0.37 0.00	35.70 -0.29 0.00	36.30 -0.29 0.00
BETHLEHEM___GS3 323562	41.29 -0.96 0.00	39.69 -0.89 0.00	29.91 -0.52 0.00	29.42 -0.52 0.00	31.77 -0.56 0.00	35.38 -0.65 0.00	52.45 -1.22 0.00	51.51 -1.10 0.00	55.98 -1.01 0.00	59.85 -1.08 0.00	50.37 -0.78 0.00	47.00 -0.63 0.00	38.19 -0.64 0.00	37.27 -0.60 0.00	36.13 -0.41 0.00	39.96 -0.27 0.00	45.25 -0.20 0.00	45.90 -0.48 0.00	60.63 -0.69 0.00	56.61 -0.64 0.00	45.63 -0.33 0.00	44.86 -0.37 0.00	35.70 -0.29 0.00	36.30 -0.29 0.00
BETHLEHEM___STEEL 23779	43.38 1.13 0.00	41.59 1.01 0.00	30.86 0.42 0.00	30.42 0.49 0.00	32.81 0.47 0.00	36.48 0.44 0.00	54.60 0.93 0.00	52.80 0.18 0.00	57.16 0.18 0.00	61.13 0.20 0.00	51.19 0.03 0.00	47.84 0.21 0.00	39.02 0.20 0.00	38.24 0.37 0.00	36.62 0.09 0.00	39.53 -0.70 0.00	44.11 -1.35 0.00	45.44 -0.94 0.00	59.90 -1.42 0.00	55.93 -1.33 0.00	44.55 -1.42 0.00	44.21 -1.01 0.00	35.51 -0.48 0.00	36.50 -0.08 0.00
BETHLHEM_115KV_TB1 79974	41.45 -0.80 0.00	39.84 -0.74 0.00	30.02 -0.42 0.00	29.52 -0.42 0.00	31.87 -0.46 0.00	35.50 -0.54 0.00	52.64 -1.04 0.00	51.69 -0.92 0.00	56.16 -0.82 0.00	60.05 -0.88 0.00	50.54 -0.62 0.00	47.15 -0.48 0.00	38.33 -0.50 0.00	37.41 -0.46 0.00	36.25 -0.29 0.00	40.10 -0.13 0.00	45.39 -0.07 0.00	46.05 -0.33 0.00	60.83 -0.49 0.00	56.80 -0.46 0.00	45.77 -0.19 0.00	45.00 -0.23 0.00	35.81 -0.18 0.00	36.43 -0.16 0.00
BETHPAGE_CC_5 323564	42.58 0.33 0.00	40.96 0.38 0.00	31.05 0.61 0.00	30.36 0.42 0.00	32.64 0.30 0.00	36.22 0.19 0.00	53.71 0.04 0.00	53.21 0.60 0.00	57.67 0.69 0.00	61.92 0.98 0.00	52.05 0.89 0.00	48.37 0.73 0.00	39.74 0.92 0.00	38.76 0.89 0.00	37.78 1.23 0.00	41.50 1.27 0.00	47.19 1.74 0.00	47.68 1.30 0.00	62.48 1.66 0.50	58.25 1.64 0.65	46.97 1.54 0.54	46.03 1.30 0.49	37.40 1.41 0.00	38.00 1.41 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.44 1.19 0.00	41.63 1.05 0.00	30.89 0.45 0.00	30.45 0.52 0.00	32.84 0.50 0.00	36.52 0.49 0.00	54.69 1.01 0.00	52.93 0.31 0.00	57.33 0.35 0.00	61.32 0.39 0.00	51.31 0.16 0.00	47.94 0.31 0.00	39.09 0.27 0.00	38.31 0.44 0.00	36.70 0.16 0.00	39.61 -0.62 0.00	44.21 -1.24 0.00	45.57 -0.81 0.00	60.08 -1.24 0.00	56.07 -1.18 0.00	44.66 -1.31 0.00	44.32 -0.91 0.00	35.58 -0.41 0.00	36.55 -0.04 0.00
BINGHAMTON___COGEN 23790	42.74 0.49 0.00	40.93 0.35 0.00	30.57 0.13 0.00	30.11 0.18 0.00	32.49 0.15 0.00	36.25 0.22 0.00	54.18 0.50 0.00	52.99 0.38 0.00	57.16 0.18 0.00	61.15 0.22 0.00	51.30 0.15 0.00	47.93 0.30 0.00	38.96 0.14 0.00	38.16 0.29 0.00	36.81 0.27 0.00	40.46 0.23 0.00	45.65 0.19 0.00	46.79 0.41 0.00	61.97 0.65 0.00	57.85 0.59 0.00	46.32 0.35 0.00	45.49 0.26 0.00	36.18 0.19 0.00	36.77 0.18 0.00

BIXINCNT_115KV_LOAD 355685	43.83 1.58 0.00	42.01 1.43 0.00	31.14 0.70 0.00	30.70 0.77 0.00	33.10 0.76 0.00	36.84 0.81 0.00	55.21 1.54 0.00	54.48 1.86 0.00	59.98 3.00 0.00	63.61 2.68 0.00	51.81 0.66 0.00	48.30 0.67 0.00	39.32 0.50 0.00	38.60 0.73 0.00	36.94 0.40 0.00	39.90 -0.33 0.00	44.64 -0.81 0.00	46.00 -0.39 0.00	60.81 -0.51 0.00	56.70 -0.56 0.00	45.02 -0.95 0.00	44.72 -0.51 0.00	35.89 -0.10 0.00	36.75 0.17 0.00
BLACK RIVER___HYD 24047	44.09 1.84 0.00	42.38 1.80 0.00	31.72 1.28 0.00	31.27 1.33 0.00	33.84 1.50 0.00	37.91 1.87 0.00	57.00 3.33 0.00	56.08 3.47 0.00	60.69 3.71 0.00	64.59 3.65 0.00	53.66 2.50 0.00	49.80 2.17 0.00	40.53 1.70 0.00	39.45 1.59 0.00	37.96 1.42 0.00	41.64 1.42 0.00	46.43 0.98 0.00	48.06 1.68 0.00	64.97 3.65 0.00	60.89 3.64 0.00	48.42 2.45 0.00	47.41 2.18 0.00	37.29 1.31 0.00	37.91 1.32 0.00
BLACKRVR_115KV_TB2 79977	44.09 1.84 0.00	42.38 1.80 0.00	31.72 1.28 0.00	31.27 1.33 0.00	33.84 1.50 0.00	37.91 1.87 0.00	57.00 3.33 0.00	56.08 3.47 0.00	60.69 3.71 0.00	64.59 3.65 0.00	53.66 2.51 0.00	49.80 2.17 0.00	40.52 1.70 0.00	39.45 1.59 0.00	37.96 1.42 0.00	41.65 1.42 0.00	46.43 0.98 0.00	48.06 1.68 0.00	64.97 3.65 0.00	60.89 3.64 0.00	48.42 2.45 0.00	47.41 2.19 0.00	37.30 1.31 0.00	37.91 1.32 0.00
BLDWN_LI_69_KV_BK4 356085	42.88 0.63 0.00	41.22 0.65 0.00	31.20 0.76 0.00	30.52 0.59 0.00	32.85 0.52 0.00	36.55 0.52 0.00	54.06 0.38 0.00	53.83 1.22 0.00	58.37 1.39 0.00	62.52 1.58 0.00	52.46 1.31 0.00	48.83 1.20 0.00	40.16 1.34 0.00	39.14 1.27 0.00	38.11 1.57 0.00	41.91 1.68 0.00	47.64 2.19 0.00	48.08 1.70 0.00	63.46 2.14 0.00	59.37 2.07 -0.04	48.01 2.05 0.00	47.04 1.81 0.00	37.74 1.75 0.00	38.30 1.71 0.00
BLISS_WT_PWR 323608	43.87 1.61 0.00	42.03 1.45 0.00	31.16 0.72 0.00	30.72 0.79 0.00	33.12 0.78 0.00	36.86 0.83 0.00	55.25 1.58 0.00	54.52 1.91 0.00	60.02 3.04 0.00	63.64 2.70 0.00	51.82 0.66 0.00	48.32 0.69 0.00	39.33 0.51 0.00	38.60 0.73 0.00	36.94 0.40 0.00	39.89 -0.34 0.00	44.62 -0.84 0.00	45.96 -0.42 0.00	60.79 -0.53 0.00	56.64 -0.61 0.00	44.94 -1.03 0.00	44.69 -0.54 0.00	35.86 -0.13 0.00	36.73 0.14 0.00
BLUESTONE___WT_PWR 323821	44.23 1.98 0.00	42.34 1.76 0.00	31.66 1.23 0.00	31.17 1.25 0.00	33.67 1.33 0.00	37.68 1.64 0.00	56.57 2.90 0.00	55.58 2.96 0.00	58.60 1.62 0.00	62.50 1.56 0.00	51.87 0.72 0.00	48.21 0.58 0.00	38.88 0.05 0.00	37.62 -0.24 0.00	37.04 0.50 0.00	41.51 1.28 0.00	46.72 1.26 0.00	48.06 1.68 0.00	64.11 2.79 0.00	60.17 2.92 0.00	48.37 2.41 0.00	47.30 2.07 0.00	37.63 1.64 0.00	38.17 1.58 0.00
BLUE_CIRC_CHEM_DRP 24182	41.11 -1.15 0.00	39.49 -1.09 0.00	29.73 -0.71 0.00	29.24 -0.69 0.00	31.57 -0.77 0.00	35.23 -0.80 0.00	52.28 -1.39 0.00	51.25 -1.36 0.00	26.38 -1.39 29.21	55.13 -1.51 4.30	50.01 -1.14 0.00	46.62 -1.02 0.00	37.89 -0.93 0.00	36.99 -0.88 0.00	35.80 -0.74 0.00	39.62 -0.60 0.00	44.83 -0.62 0.00	45.56 -0.82 0.00	60.23 -1.09 0.00	56.14 -1.11 0.00	45.24 -0.72 0.00	44.50 -0.73 0.00	35.68 -0.31 0.00	36.76 0.17 0.00
BOC_GAS_DRP 24189	41.88 -0.37 0.00	40.22 -0.36 0.00	30.28 -0.16 0.00	29.76 -0.17 0.00	32.13 -0.20 0.00	35.79 -0.24 0.00	53.14 -0.53 0.00	52.16 -0.46 0.00	57.71 -0.40 -1.13	60.73 -0.37 -0.17	50.96 -0.19 0.00	47.55 -0.08 0.00	38.68 -0.14 0.00	37.72 -0.15 0.00	36.53 -0.01 0.00	40.40 0.17 0.00	45.68 0.23 0.00	46.39 0.01 0.00	61.30 -0.02 0.00	57.20 -0.06 0.00	46.09 0.13 0.00	45.34 0.11 0.00	36.11 0.12 0.00	36.73 0.15 0.00
BOONVILLE_115KV_TB1 79983	43.42 1.17 0.00	41.71 1.13 0.00	31.24 0.81 0.00	30.76 0.83 0.00	33.26 0.92 0.00	37.21 1.18 0.00	55.68 2.01 0.00	54.69 2.08 0.00	59.20 2.23 0.00	63.19 2.26 0.00	52.93 1.77 0.00	49.24 1.61 0.00	40.00 1.18 0.00	39.03 1.16 0.00	37.65 1.11 0.00	41.50 1.27 0.00	46.80 1.35 0.00	47.95 1.57 0.00	63.72 2.40 0.00	59.49 2.24 0.00	47.58 1.61 0.00	46.68 1.45 0.00	36.94 0.95 0.00	37.52 0.94 0.00
BORALEX_4TH_BRANCH 23824	42.33 0.07 0.00	40.70 0.12 0.00	30.62 0.18 0.00	30.11 0.17 0.00	32.54 0.20 0.00	36.29 0.25 0.00	53.82 0.14 0.00	52.89 0.27 0.00	57.69 0.71 0.00	61.65 0.72 0.00	51.87 0.71 0.00	48.43 0.80 0.00	39.20 0.38 0.00	38.25 0.38 0.00	36.98 0.45 0.00	41.13 0.90 0.00	46.62 1.17 0.00	47.28 0.90 0.00	62.27 0.95 0.00	58.18 0.92 0.00	47.06 1.09 0.00	46.23 1.01 0.00	36.70 0.71 0.00	37.30 0.71 0.00
BOWLINE___1 23526	42.85 0.60 0.00	41.08 0.50 0.00	30.90 0.46 0.00	30.32 0.39 0.00	32.73 0.39 0.00	36.61 0.57 0.00	54.50 0.83 0.00	53.70 1.08 0.00	58.16 1.18 0.00	62.33 1.40 0.00	52.39 1.23 0.00	49.01 1.38 0.00	39.90 1.07 0.00	38.83 0.96 0.00	37.72 1.18 0.00	41.82 1.58 0.00	47.33 1.87 0.00	48.10 1.72 0.00	63.87 2.55 0.00	59.61 2.36 0.00	47.89 1.92 0.00	46.92 1.69 0.00	37.42 1.42 0.00	37.91 1.32 0.00
BOWLINE___2 23595	42.84 0.59 0.00	41.08 0.50 0.00	30.88 0.45 0.00	30.31 0.38 0.00	32.72 0.38 0.00	36.60 0.56 0.00	54.49 0.81 0.00	53.68 1.07 0.00	58.15 1.17 0.00	62.32 1.39 0.00	52.38 1.22 0.00	48.99 1.36 0.00	39.89 1.06 0.00	38.82 0.95 0.00	37.70 1.16 0.00	41.81 1.58 0.00	47.31 1.86 0.00	48.08 1.70 0.00	63.86 2.54 0.00	59.61 2.36 0.00	47.87 1.91 0.00	46.90 1.68 0.00	37.40 1.41 0.00	37.90 1.31 0.00
BRADY___115KV_TB2 356060	44.17 1.92 0.00	42.57 1.99 0.00	31.83 1.40 0.00	31.29 1.35 0.00	33.87 1.53 0.00	37.80 1.77 0.00	56.43 2.76 0.00	55.34 2.72 0.00	59.76 2.78 0.00	63.73 2.80 0.00	53.20 2.05 0.00	49.38 1.75 0.00	40.29 1.47 0.00	39.21 1.34 0.00	37.65 1.11 0.00	41.03 0.80 0.00	46.11 0.66 0.00	47.15 0.77 0.00	62.89 1.57 0.00	58.87 1.61 0.00	47.16 1.19 0.00	46.48 1.25 0.00	36.98 0.99 0.00	37.59 1.01 0.00
BRANSCOMB___SOLAR 323811	43.03 0.77 0.00	41.34 0.76 0.00	31.08 0.64 0.00	30.57 0.63 0.00	33.05 0.71 0.00	36.84 0.81 0.00	54.78 1.11 0.00	53.81 1.20 0.00	58.46 1.48 0.00	62.43 1.50 0.00	52.41 1.25 0.00	48.77 1.14 0.00	39.55 0.73 0.00	38.59 0.72 0.00	37.24 0.69 0.00	41.46 1.23 0.00	47.04 1.59 0.00	47.93 1.55 0.00	63.28 1.96 0.00	59.05 1.79 0.00	47.58 1.62 0.00	46.73 1.50 0.00	37.06 1.07 0.00	37.62 1.03 0.00
BRDGHMPT_69_KV_BK1 55812	41.93 -0.32 0.00	40.31 -0.27 0.00	30.78 0.34 0.00	30.06 0.13 0.00	32.30 -0.04 0.00	35.55 -0.49 0.00	52.67 -1.00 0.00	52.01 -0.59 0.01	56.14 -0.66 0.18	60.73 -0.20 0.00	51.07 -0.09 0.00	47.35 -0.28 0.00	38.99 0.16 0.00	38.14 0.27 0.00	37.24 0.70 0.00	40.68 0.45 0.00	46.33 0.87 0.00	46.83 0.45 0.00	60.38 0.47 1.41	55.78 0.43 1.91	45.09 0.64 1.51	44.19 0.33 1.37	36.94 0.95 0.00	37.97 1.39 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.76 0.51 0.00	41.10 0.52 0.00	31.20 0.77 0.00	30.47 0.54 0.00	32.74 0.40 0.00	36.31 0.27 0.00	53.83 0.15 0.00	53.09 0.47 0.00	57.49 0.53 0.02	61.70 0.77 0.00	52.00 0.84 0.00	48.29 0.66 0.00	39.70 0.88 0.00	38.78 0.91 0.00	37.90 1.36 0.00	41.50 1.27 0.00	47.23 1.78 0.00	47.73 1.35 0.00	60.96 1.52 1.88	56.17 1.46 2.54	45.49 1.53 2.01	44.72 1.31 1.82	37.43 1.44 0.00	38.19 1.60 0.00
BRISTLHL_115KV_TB1 79998	41.39 -0.86 0.00	39.69 -0.89 0.00	29.74 -0.70 0.00	29.27 -0.66 0.00	31.61 -0.73 0.00	35.27 -0.76 0.00	52.66 -1.01 0.00	51.61 -1.01 0.00	55.88 -1.10 0.00	59.72 -1.21 0.00	50.13 -1.02 0.00	46.66 -0.97 0.00	38.03 -0.80 0.00	37.12 -0.75 0.00	35.81 -0.73 0.00	39.36 -0.86 0.00	44.40 -1.05 0.00	45.46 -0.92 0.00	60.22 -1.10 0.00	56.26 -0.99 0.00	45.09 -0.87 0.00	44.35 -0.87 0.00	35.29 -0.70 0.00	35.86 -0.73 0.00
BROOKHAVEN___DRP 24191	42.36 0.11 0.00	40.74 0.16 0.00	31.06 0.62 0.00	30.33 0.40 0.00	32.59 0.25 0.00	35.88 -0.15 0.00	53.11 -0.56 0.00	52.39 -0.22 0.01	56.52 -0.28 0.18	61.03 0.10 0.00	51.35 0.20 0.00	47.62 -0.01 0.00	39.24 0.42 0.00	38.38 0.51 0.00	37.45 0.91 0.00	40.98 0.75 0.00	46.63 1.17 0.00	47.04 0.66 0.00	60.61 0.67 1.38	56.02 0.63 1.86	45.37 0.88 1.47	44.50 0.61 1.34	37.14 1.15 0.00	38.04 1.45 0.00
BROOKLYN_NAVY_YARD 23515	42.96 0.70 0.00	41.17 0.59 0.00	31.08 0.64 0.00	30.50 0.56 0.00	32.90 0.57 0.00	36.82 0.78 0.00	54.61 0.94 0.00	53.71 1.10 0.00	58.25 1.27 0.00	62.54 1.61 0.00	52.71 1.56 0.00	49.31 1.68 0.00	40.24 1.42 0.00	39.14 1.27 0.00	38.03 1.49 0.00	42.11 1.88 0.00	47.62 2.16 0.00	48.33 1.95 0.00	63.95 2.63 0.00	59.63 2.38 0.00	47.90 1.93 0.00	46.96 1.73 0.00	37.59 1.60 0.00	38.10 1.52 0.00
BROOKLYN___ARMY_DRP 323595	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00
BROOME_2_LFGE 323671	42.74 0.49 0.00	40.93 0.35 0.00	30.57 0.13 0.00	30.11 0.18 0.00	32.49 0.15 0.00	36.25 0.22 0.00	54.19 0.52 0.00	52.99 0.38 0.00	57.15 0.17 0.00	61.15 0.22 0.00	51.30 0.14 0.00	47.93 0.30 0.00	38.96 0.14 0.00	38.16 0.29 0.00	36.81 0.27 0.00	40.46 0.23 0.00	45.65 0.20 0.00	46.79 0.40 0.00	61.97 0.65 0.00	57.85 0.60 0.00	46.32 0.35 0.00	45.49 0.26 0.00	36.18 0.19 0.00	36.77 0.18 0.00
BROOME___LFGE 323600	42.74 0.49 0.00	40.93 0.35 0.00	30.57 0.13 0.00	30.11 0.18 0.00	32.49 0.15 0.00	36.25 0.22 0.00	54.19 0.52 0.00	52.99 0.38 0.00	57.15 0.17 0.00	61.15 0.22 0.00	51.30 0.14 0.00	47.93 0.30 0.00	38.96 0.14 0.00	38.16 0.29 0.00	36.81 0.27 0.00	40.46 0.23 0.00	45.65 0.20 0.00	46.79 0.40 0.00	61.97 0.65 0.00	57.85 0.60 0.00	46.32 0.35 0.00	45.49 0.26 0.00	36.18 0.19 0.00	36.77 0.18 0.00
BROWNFLS_115KV_TB 3_5 80003	43.94 1.68 0.00	42.31 1.73 0.00	31.65 1.21 0.00	31.14 1.21 0.00	33.70 1.37 0.00	37.69 1.65 0.00	56.38 2.71 0.00	55.38 2.77 0.00	59.88 2.90 0.00	63.83 2.90 0.00	53.25 2.09 0.00	49.42 1.79 0.00	40.29 1.47 0.00	39.24 1.37 0.00	37.72 1.18 0.00	41.36 1.13 0.00	46.23 0.78 0.00	47.27 0.89 0.00	63.21 1.89 0.00	59.13 1.88 0.00	47.38 1.41 0.00	46.64 1.41 0.00	36.96 0.97 0.00	37.56 0.98 0.00
BROWNSV1_27_KV_LOAD 356125	43.44 1.19 0.00	41.61 1.03 0.00	31.40 0.96 0.00	30.82 0.88 0.00	33.24 0.91 0.00	37.21 1.18 0.00	55.25 1.57 0.00	54.40 1.79 0.00	59.00 2.02 0.00	63.35 2.42 0.00	53.35 2.19 0.00	49.92 2.29 0.00	40.71 1.89 0.00	39.64 1.77 0.00	38.51 1.97 0.00	42.62 2.39 0.00	48.21 2.76 0.00	48.94 2.55 0.00	64.76 3.44 0.00	60.42 3.16 0.00	48.52 2.55 0.00	47.59 2.36 0.00	38.06 2.07 0.00	38.56 1.97 0.00
BURROWS___LYONSDAL 23803	43.51 1.25 0.00	41.82 1.24 0.00	31.32 0.89 0.00	30.83 0.90 0.00	33.35 1.02 0.00	37.32 1.29 0.00	55.88 2.20 0.00	54.90 2.29 0.00	59.42 2.44 0.00	63.38 2.45 0.00	53.04 1.88 0.00	49.31 1.68 0.00	40.08 1.26 0.00	39.10 1.23 0.00	37.68 1.14 0.00	41.51 1.28 0.00	46.76 1.30 0.00	47.97 1.58 0.00	63.84 2.52 0.00	59.62 2.37 0.00	47.64 1.68 0.00	46.72 1.49 0.00	36.93 0.94 0.00	37.54 0.95 0.00
CAITHNESS_CC_1 323624	42.40 0.15 0.00	40.77 0.19 0.00	31.07 0.64 0.00	30.35 0.41 0.00	32.59 0.26 0.00	35.91 -0.12 0.00	53.16 -0.52 0.00	52.42 -0.18 0.01	56.55 -0.25 0.18	61.06 0.13 0.00	51.41 0.25 0.00	47.65 0.02 0.00	39.26 0.44 0.00	38.41 0.54 0.00	37.48 0.94 0.00	41.01 0.78 0.00	46.64 1.19 0.00	47.05 0.67 0.00	60.64 0.67 1.35	56.07 0.63 1.81	45.42 0.89 1.44	44.55 0.63 1.31	37.15 1.16 0.00	38.04 1.45 0.00
CALPINE BETH_PAGE_GT4 24209	42.64 0.39 0.00	41.09 0.51 0.00	31.14 0.70 0.00	30.45 0.51 0.00	32.75 0.41 0.00	36.29 0.26 0.00	53.81 0.14 0.00	53.32 0.70 0.00	57.80 0.82 0.00	62.05 1.12 0.00	52.14 0.98 0.00	48.46 0.83 0.00	39.83 1.00 0.00	38.83 0.96 0.00	37.84 1.30 0.00	41.59 1.36 0.00	47.29 1.83 0.00	47.78 1.40 0.00	62.84 1.82 0.29	58.65 1.76 0.36	47.31 1.65 0.31	46.34 1.40 0.29	37.45 1.46 0.00	38.05 1.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.64 0.39 0.00	41.10 0.52 0.00	31.14 0.70 0.00	30.45 0.51 0.00	32.75 0.41 0.00	36.29 0.26 0.00	53.81 0.14 0.00	53.32 0.71 0.00	57.80 0.82 0.00	62.05 1.12 0.00	52.15 0.99 0.00	48.47 0.84 0.00	39.82 1.00 0.00	38.83 0.96 0.00	37.84 1.30 0.00	41.59 1.35 0.00	47.29 1.83 0.00	47.78 1.40 0.00	62.84 1.82 0.29	58.65 1.76 0.36	47.30 1.65 0.31	46.34 1.39 0.29	37.45 1.46 0.00	38.05 1.46 0.00
CALPINE_BP_GT1 23823	42.64 0.39 0.00	41.10 0.52 0.00	31.14 0.70 0.00	30.45 0.51 0.00	32.75 0.41 0.00	36.29 0.26 0.00	53.81 0.14 0.00	53.32 0.71 0.00	57.80 0.82 0.00	62.05 1.12 0.00	52.15 0.99 0.00	48.47 0.84 0.00	39.82 1.00 0.00	38.83 0.96 0.00	37.84 1.30 0.00	41.59 1.35 0.00	47.29 1.83 0.00	47.78 1.40 0.00	62.84 1.82 0.29	58.65 1.76 0.36	47.30 1.65 0.31	46.34 1.39 0.29	37.45 1.46 0.00	38.05 1.46 0.00
CALSPAN___DRP 24200	43.38 1.13 0.00	41.59 1.01 0.00	30.86 0.42 0.00	30.42 0.49 0.00	32.81 0.47 0.00	36.48 0.44 0.00	54.60 0.93 0.00	52.80 0.18 0.00	57.16 0.18 0.00	61.13 0.20 0.00	51.19 0.03 0.00	47.84 0.21 0.00	39.02 0.20 0.00	38.24 0.37 0.00	36.62 0.09 0.00	39.53 -0.70 0.00	44.11 -1.35 0.00	45.44 -0.94 0.00	59.90 -1.42 0.00	55.93 -1.33 0.00	44.55 -1.42 0.00	44.21 -1.01 0.00	35.51 -0.48 0.00	36.50 -0.08 0.00

CALVERTON___SOLAR 323806	42.32 0.06 0.00	40.69 0.11 0.00	31.05 0.61 0.00	30.32 0.39 0.00	32.57 0.23 0.00	35.85 -0.18 0.00	53.08 -0.59 0.00	52.35 -0.26 0.01	56.50 -0.31 0.18	61.00 0.07 0.00	51.33 0.17 0.00	47.58 -0.05 0.00	39.21 0.39 0.00	38.36 0.49 0.00	37.43 0.89 0.00	40.95 0.72 0.00	46.60 1.15 0.00	47.04 0.66 0.00	60.60 0.67 1.39	56.00 0.62 1.87	45.33 0.85 1.49	44.46 0.58 1.35	37.12 1.13 0.00	38.04 1.46 0.00
CANDIGU_WT_PWR 323617	43.09 0.84 0.00	41.33 0.75 0.00	30.70 0.26 0.00	30.29 0.35 0.00	32.65 0.32 0.00	36.37 0.34 0.00	54.44 0.76 0.00	52.90 0.28 0.00	56.89 -0.09 0.00	60.68 -0.25 0.00	50.51 -0.65 0.00	47.27 -0.37 0.00	38.43 -0.39 0.00	37.64 -0.23 0.00	35.98 -0.56 0.00	38.99 -1.24 0.00	43.76 -1.70 0.00	45.48 -0.91 0.00	60.41 -0.91 0.00	56.32 -0.93 0.00	44.91 -1.06 0.00	44.20 -1.02 0.00	35.20 -0.79 0.00	35.78 -0.81 0.00
CARR STREET_E_SYR 24060	41.80 -0.45 0.00	40.06 -0.52 0.00	30.00 -0.43 0.00	29.53 -0.40 0.00	31.90 -0.44 0.00	35.58 -0.45 0.00	53.07 -0.60 0.00	51.96 -0.65 0.00	56.26 -0.72 0.00	60.13 -0.80 0.00	50.49 -0.66 0.00	47.04 -0.59 0.00	38.31 -0.51 0.00	37.42 -0.45 0.00	36.11 -0.43 0.00	39.71 -0.52 0.00	44.81 -0.64 0.00	45.84 -0.54 0.00	60.68 -0.64 0.00	56.64 -0.62 0.00	45.38 -0.58 0.00	44.63 -0.60 0.00	35.59 -0.40 0.00	36.17 -0.42 0.00
CARTHAGE___PAPER 23857	44.21 1.96 0.00	42.51 1.93 0.00	31.82 1.38 0.00	31.35 1.41 0.00	33.93 1.59 0.00	37.99 1.96 0.00	57.07 3.40 0.00	56.16 3.54 0.00	60.75 3.77 0.00	64.67 3.73 0.00	53.81 2.65 0.00	49.94 2.31 0.00	40.64 1.82 0.00	39.59 1.72 0.00	38.08 1.54 0.00	41.82 1.59 0.00	46.75 1.29 0.00	48.22 1.84 0.00	64.91 3.59 0.00	60.78 3.53 0.00	48.40 2.43 0.00	47.43 2.20 0.00	37.35 1.36 0.00	37.98 1.39 0.00
CASSADAGA_WT_PWR 323784	44.10 1.84 0.00	42.19 1.61 0.00	31.18 0.74 0.00	30.78 0.85 0.00	33.13 0.79 0.00	36.95 0.91 0.00	55.46 1.78 0.00	54.33 1.71 0.00	59.20 2.22 0.00	63.48 2.55 0.00	52.15 0.99 0.00	48.69 1.06 0.00	39.57 0.74 0.00	38.86 0.99 0.00	37.16 0.62 0.00	40.37 0.14 0.00	45.18 -0.27 0.00	46.66 0.28 0.00	61.81 0.49 0.00	57.64 0.39 0.00	45.66 -0.30 0.00	45.04 -0.19 0.00	35.96 -0.03 0.00	36.89 0.30 0.00
CE_DUNWOOD___DRP 24194	42.95 0.70 0.00	41.17 0.59 0.00	31.02 0.58 0.00	30.45 0.51 0.00	32.85 0.51 0.00	36.72 0.69 0.00	54.58 0.91 0.00	53.77 1.16 0.00	58.30 1.32 0.00	62.53 1.59 0.00	52.61 1.45 0.00	49.21 1.58 0.00	40.10 1.28 0.00	39.04 1.17 0.00	37.91 1.37 0.00	41.99 1.76 0.00	47.51 2.05 0.00	48.23 1.85 0.00	63.91 2.59 0.00	59.62 2.37 0.00	47.94 1.97 0.00	47.00 1.78 0.00	37.53 1.54 0.00	38.04 1.46 0.00
CE_MILLWOOD___DRP 24193	42.88 0.63 0.00	41.11 0.53 0.00	30.96 0.52 0.00	30.39 0.46 0.00	32.79 0.45 0.00	36.65 0.62 0.00	54.51 0.83 0.00	53.67 1.06 0.00	58.19 1.21 0.00	62.40 1.47 0.00	52.47 1.32 0.00	49.08 1.45 0.00	39.98 1.16 0.00	38.92 1.05 0.00	37.79 1.25 0.00	41.89 1.66 0.00	47.39 1.93 0.00	48.11 1.73 0.00	63.78 2.46 0.00	59.51 2.25 0.00	47.84 1.88 0.00	46.91 1.68 0.00	37.43 1.44 0.00	37.94 1.36 0.00
CE_NYC2_DRP 24202	43.13 0.88 0.00	41.36 0.78 0.00	31.26 0.82 0.00	30.63 0.70 0.00	33.03 0.69 0.00	36.93 0.90 0.00	54.72 1.04 0.00	53.79 1.18 0.00	58.33 1.35 0.00	62.64 1.70 0.00	52.73 1.57 0.00	49.45 1.82 0.00	40.33 1.51 0.00	39.26 1.39 0.00	38.17 1.63 0.00	42.22 1.99 0.00	47.74 2.29 0.00	48.47 2.08 0.00	64.08 2.75 0.00	59.74 2.48 0.00	47.98 2.01 0.00	47.08 1.86 0.00	37.73 1.74 0.00	38.26 1.67 0.00
CE_NYC_DRP 24195	43.12 0.87 0.00	41.31 0.73 0.00	31.20 0.76 0.00	30.61 0.68 0.00	33.03 0.69 0.00	36.96 0.92 0.00	54.87 1.20 0.00	53.99 1.38 0.00	58.59 1.61 0.00	62.90 1.96 0.00	52.96 1.80 0.00	49.57 1.94 0.00	40.44 1.61 0.00	39.37 1.50 0.00	38.25 1.71 0.00	42.34 2.11 0.00	47.88 2.43 0.00	48.59 2.21 0.00	64.31 2.99 0.00	59.94 2.69 0.00	48.14 2.17 0.00	47.22 2.00 0.00	37.77 1.78 0.00	38.29 1.70 0.00
CHAFFEE___LFGE 323603	43.42 1.16 0.00	41.59 1.01 0.00	30.86 0.43 0.00	30.43 0.50 0.00	32.82 0.48 0.00	36.51 0.48 0.00	54.70 1.03 0.00	53.28 0.67 0.00	58.06 1.08 0.00	61.96 1.03 0.00	51.32 0.16 0.00	47.98 0.34 0.00	39.11 0.29 0.00	38.28 0.41 0.00	36.68 0.14 0.00	39.63 -0.60 0.00	44.24 -1.21 0.00	45.62 -0.76 0.00	60.18 -1.15 0.00	56.20 -1.05 0.00	44.78 -1.19 0.00	44.40 -0.83 0.00	35.61 -0.39 0.00	36.56 -0.03 0.00
CHATEAUG_35_KV_LOAD 355732	43.41 1.16 0.00	41.84 1.26 0.00	31.20 0.76 0.00	30.78 0.85 0.00	33.30 0.97 0.00	37.02 0.99 0.00	54.92 1.24 0.00	53.76 1.15 0.00	58.10 1.12 0.00	62.04 1.11 0.00	51.88 0.72 0.00	48.05 0.42 0.00	39.42 0.59 0.00	38.50 0.63 0.00	37.04 0.50 0.00	40.73 0.50 0.00	45.65 0.20 0.00	46.53 0.15 0.00	61.41 0.09 0.00	57.35 0.10 0.00	45.95 -0.02 0.00	45.28 0.06 0.00	35.97 -0.02 0.00	36.47 -0.12 0.00
CHATEAUG_WT_PWR 323614	43.28 1.03 0.00	41.69 1.11 0.00	31.14 0.70 0.00	30.69 0.76 0.00	33.19 0.86 0.00	36.90 0.87 0.00	54.76 1.08 0.00	53.52 0.91 0.00	57.88 0.90 0.00	61.82 0.88 0.00	51.72 0.57 0.00	47.91 0.28 0.00	39.31 0.49 0.00	38.40 0.53 0.00	36.97 0.43 0.00	40.63 0.40 0.00	45.54 0.09 0.00	46.41 0.03 0.00	61.24 -0.08 0.00	57.21 -0.04 0.00	45.88 -0.09 0.00	45.25 0.02 0.00	35.97 -0.02 0.00	36.48 -0.10 0.00
CHAT_HIGH_FALL_HYD 323578	43.41 1.16 0.00	41.84 1.26 0.00	31.20 0.76 0.00	30.78 0.85 0.00	33.30 0.97 0.00	37.02 0.99 0.00	54.92 1.24 0.00	53.76 1.15 0.00	58.10 1.12 0.00	62.04 1.11 0.00	51.88 0.72 0.00	48.05 0.42 0.00	39.42 0.59 0.00	38.50 0.63 0.00	37.04 0.50 0.00	40.73 0.50 0.00	45.65 0.20 0.00	46.53 0.15 0.00	61.41 0.09 0.00	57.35 0.10 0.00	45.95 -0.02 0.00	45.28 0.06 0.00	35.97 -0.02 0.00	36.47 -0.12 0.00
CHAUTAUQUA___LFGE 323629	43.74 1.49 0.00	41.86 1.28 0.00	30.96 0.53 0.00	30.57 0.64 0.00	32.91 0.58 0.00	36.69 0.65 0.00	55.05 1.37 0.00	53.55 0.93 0.00	57.97 0.99 0.00	62.13 1.20 0.00	51.54 0.39 0.00	48.19 0.56 0.00	39.18 0.35 0.00	38.48 0.61 0.00	36.84 0.30 0.00	40.01 -0.22 0.00	44.73 -0.72 0.00	46.19 -0.19 0.00	61.14 -0.18 0.00	57.04 -0.21 0.00	45.26 -0.71 0.00	44.68 -0.55 0.00	35.70 -0.29 0.00	36.63 0.05 0.00
CHERRYST_13_KV_LD 356241	43.23 0.98 0.00	41.41 0.83 0.00	31.27 0.83 0.00	30.69 0.76 0.00	33.11 0.78 0.00	37.07 1.03 0.00	55.05 1.38 0.00	54.19 1.57 0.00	58.79 1.81 0.00	63.13 2.20 0.00	53.16 2.00 0.00	49.74 2.11 0.00	40.59 1.77 0.00	39.52 1.65 0.00	38.40 1.86 0.00	42.49 2.26 0.00	48.05 2.59 0.00	48.76 2.38 0.00	64.51 3.19 0.00	60.13 2.87 0.00	48.28 2.31 0.00	47.36 2.13 0.00	37.88 1.89 0.00	38.37 1.79 0.00

CHESTROR_138KV_BK263 355645	42.97 0.72 0.00	41.19 0.61 0.00	30.94 0.51 0.00	30.37 0.44 0.00	32.79 0.45 0.00	36.68 0.64 0.00	54.65 0.97 0.00	53.81 1.20 0.00	58.26 1.28 0.00	62.41 1.47 0.00	52.43 1.27 0.00	49.02 1.39 0.00	39.88 1.06 0.00	38.82 0.95 0.00	37.69 1.15 0.00	41.78 1.55 0.00	47.30 1.84 0.00	48.12 1.73 0.00	63.92 2.60 0.00	59.68 2.43 0.00	47.93 1.96 0.00	46.96 1.73 0.00	37.41 1.42 0.00	37.90 1.32 0.00
CH_MIDHUDSON___DRP 24192	42.92 0.66 0.00	41.14 0.56 0.00	30.97 0.54 0.00	30.41 0.48 0.00	32.81 0.48 0.00	36.67 0.63 0.00	54.52 0.84 0.00	53.67 1.05 0.00	58.21 1.23 0.00	62.39 1.46 0.00	52.45 1.29 0.00	49.04 1.41 0.00	39.92 1.10 0.00	38.87 1.00 0.00	37.72 1.18 0.00	41.80 1.57 0.00	47.29 1.83 0.00	48.04 1.66 0.00	63.61 2.29 0.00	59.35 2.10 0.00	47.76 1.79 0.00	46.85 1.63 0.00	37.35 1.36 0.00	37.85 1.27 0.00
CH_MISC_IPPS 23765	43.24 0.99 0.00	41.44 0.86 0.00	31.18 0.74 0.00	30.60 0.67 0.00	33.02 0.68 0.00	36.94 0.91 0.00	54.99 1.32 0.00	54.16 1.54 0.00	58.70 1.72 0.00	62.92 1.98 0.00	52.89 1.73 0.00	49.45 1.82 0.00	40.24 1.41 0.00	39.17 1.30 0.00	38.02 1.48 0.00	42.14 1.91 0.00	47.69 2.23 0.00	48.47 2.09 0.00	64.29 2.97 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.67 1.68 0.00	38.15 1.56 0.00
CH_RES_BVR_FALLS 23983	42.54 0.29 0.00	40.89 0.31 0.00	30.65 0.21 0.00	30.14 0.21 0.00	32.58 0.24 0.00	36.29 0.26 0.00	54.05 0.38 0.00	52.99 0.37 0.00	57.33 0.35 0.00	61.30 0.37 0.00	51.42 0.26 0.00	47.83 0.19 0.00	39.02 0.19 0.00	38.07 0.20 0.00	36.70 0.16 0.00	40.32 0.09 0.00	45.54 0.08 0.00	46.48 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.98 0.01 0.00	45.14 -0.09 0.00	35.79 -0.20 0.00	36.45 -0.13 0.00
CH_RES_NIAGARA 23895	42.70 0.45 0.00	41.00 0.42 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.90 -0.13 0.00	53.66 -0.02 0.00	51.47 -1.14 0.00	55.73 -1.25 0.00	59.46 -1.47 0.00	49.93 -1.22 0.00	46.65 -0.99 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.89 0.00	42.95 -2.28 0.00	34.86 -1.13 0.00	36.00 -0.59 0.00
CH_RES_SYRACUSE 23985	42.03 -0.23 0.00	40.29 -0.29 0.00	30.17 -0.26 0.00	29.70 -0.23 0.00	32.09 -0.25 0.00	35.83 -0.21 0.00	53.53 -0.14 0.00	52.44 -0.17 0.00	56.73 -0.25 0.00	60.64 -0.29 0.00	50.91 -0.25 0.00	47.39 -0.24 0.00	38.59 -0.23 0.00	37.70 -0.17 0.00	36.38 -0.16 0.00	40.02 -0.22 0.00	45.13 -0.33 0.00	46.18 -0.20 0.00	61.22 -0.10 0.00	57.15 -0.11 0.00	45.79 -0.18 0.00	45.00 -0.22 0.00	35.81 -0.18 0.00	36.37 -0.22 0.00
CLINTON_WT_PWR 323605	43.28 1.03 0.00	41.69 1.11 0.00	31.14 0.70 0.00	30.69 0.76 0.00	33.19 0.86 0.00	36.90 0.87 0.00	54.76 1.08 0.00	53.52 0.91 0.00	57.88 0.90 0.00	61.82 0.88 0.00	51.72 0.57 0.00	47.91 0.28 0.00	39.31 0.49 0.00	38.40 0.53 0.00	36.97 0.43 0.00	40.63 0.40 0.00	45.54 0.09 0.00	46.41 0.03 0.00	61.24 -0.08 0.00	57.21 -0.04 0.00	45.88 -0.09 0.00	45.25 0.02 0.00	35.97 -0.02 0.00	36.48 -0.10 0.00
CLINTON___LFGE 323618	43.94 1.68 0.00	42.32 1.74 0.00	31.59 1.16 0.00	31.16 1.23 0.00	33.71 1.38 0.00	37.39 1.35 0.00	55.24 1.56 0.00	53.82 1.20 0.00	58.17 1.19 0.00	62.01 1.08 0.00	51.79 0.63 0.00	47.76 0.13 0.00	39.40 0.57 0.00	38.55 0.68 0.00	37.15 0.61 0.00	41.07 0.84 0.00	45.57 0.12 0.00	46.33 -0.06 0.00	61.17 -0.15 0.00	57.30 0.05 0.00	46.03 0.06 0.00	45.48 0.25 0.00	36.17 0.18 0.00	36.61 0.02 0.00
COBBLENY_34_KV_TB1 80064	43.42 1.16 0.00	41.60 1.02 0.00	30.87 0.43 0.00	30.43 0.50 0.00	32.82 0.48 0.00	36.51 0.48 0.00	54.70 1.02 0.00	53.28 0.66 0.00	58.07 1.09 0.00	61.97 1.03 0.00	51.34 0.19 0.00	47.97 0.34 0.00	39.11 0.28 0.00	38.28 0.41 0.00	36.68 0.14 0.00	39.63 -0.60 0.00	44.24 -1.21 0.00	45.62 -0.76 0.00	60.18 -1.14 0.00	56.19 -1.06 0.00	44.78 -1.19 0.00	44.40 -0.83 0.00	35.61 -0.38 0.00	36.56 -0.03 0.00
COFFEEN___115KV_TB3 355620	44.31 2.06 0.00	42.57 1.98 0.00	31.87 1.43 0.00	31.40 1.47 0.00	33.98 1.65 0.00	38.09 2.05 0.00	57.31 3.64 0.00	56.41 3.79 0.00	61.04 4.06 0.00	64.94 4.00 0.00	53.86 2.70 0.00	49.97 2.34 0.00	40.66 1.83 0.00	39.57 1.70 0.00	38.07 1.53 0.00	41.73 1.50 0.00	46.42 0.97 0.00	48.20 1.82 0.00	65.39 4.07 0.00	61.34 4.09 0.00	48.75 2.79 0.00	47.74 2.51 0.00	37.53 1.54 0.00	38.13 1.54 0.00
COLDSPRG_115KV_BK1 355956	44.31 2.06 0.00	42.42 1.84 0.00	31.36 0.92 0.00	30.95 1.01 0.00	33.33 0.99 0.00	37.13 1.10 0.00	55.72 2.05 0.00	55.29 2.68 0.00	61.11 4.13 0.00	65.15 4.22 0.00	52.53 1.38 0.00	49.04 1.41 0.00	39.79 0.97 0.00	39.12 1.25 0.00	37.41 0.87 0.00	40.58 0.35 0.00	45.47 0.01 0.00	46.96 0.58 0.00	62.23 0.91 0.00	58.12 0.87 0.00	46.14 0.17 0.00	45.44 0.21 0.00	36.31 0.32 0.00	37.19 0.61 0.00
COLONIE_LFGE___ 323577	42.42 0.16 0.00	40.77 0.19 0.00	30.67 0.23 0.00	30.16 0.22 0.00	32.58 0.24 0.00	36.30 0.26 0.00	53.91 0.23 0.00	52.96 0.35 0.00	57.58 0.60 0.00	61.54 0.60 0.00	51.75 0.59 0.00	48.26 0.62 0.00	39.16 0.33 0.00	38.18 0.31 0.00	36.93 0.39 0.00	40.97 0.74 0.00	46.41 0.96 0.00	47.13 0.75 0.00	62.21 0.89 0.00	58.08 0.83 0.00	46.85 0.89 0.00	46.05 0.82 0.00	36.59 0.60 0.00	37.18 0.59 0.00
COOPERNY_115KV_TB1 80082	42.91 0.66 0.00	41.13 0.55 0.00	30.88 0.45 0.00	30.33 0.40 0.00	32.74 0.41 0.00	36.57 0.54 0.00	54.52 0.85 0.00	53.63 1.01 0.00	57.97 0.99 0.00	62.08 1.15 0.00	52.14 0.98 0.00	48.70 1.06 0.00	39.62 0.80 0.00	38.58 0.71 0.00	37.41 0.87 0.00	41.39 1.16 0.00	46.84 1.39 0.00	47.71 1.33 0.00	63.28 1.96 0.00	59.13 1.88 0.00	47.49 1.52 0.00	46.59 1.36 0.00	37.09 1.10 0.00	37.61 1.03 0.00
COPENHAGEN_WT_PWR 323753	43.79 1.54 0.00	42.11 1.53 0.00	31.52 1.08 0.00	31.07 1.14 0.00	33.62 1.28 0.00	37.66 1.62 0.00	56.57 2.89 0.00	55.65 3.04 0.00	60.24 3.26 0.00	64.12 3.19 0.00	53.32 2.16 0.00	49.50 1.87 0.00	40.28 1.46 0.00	39.23 1.36 0.00	37.75 1.21 0.00	41.41 1.18 0.00	46.21 0.76 0.00	47.80 1.41 0.00	64.50 3.18 0.00	60.43 3.18 0.00	48.00 2.04 0.00	46.99 1.76 0.00	36.94 0.94 0.00	37.59 1.01 0.00
CORNELL_____ 23752	43.15 0.89 0.00	41.32 0.74 0.00	30.88 0.45 0.00	30.42 0.49 0.00	32.84 0.50 0.00	36.70 0.67 0.00	54.99 1.32 0.00	53.86 1.24 0.00	58.15 1.17 0.00	62.12 1.19 0.00	52.09 0.93 0.00	48.43 0.80 0.00	39.38 0.56 0.00	38.55 0.69 0.00	37.25 0.71 0.00	40.94 0.71 0.00	46.16 0.70 0.00	47.33 0.95 0.00	62.89 1.57 0.00	58.77 1.52 0.00	47.02 1.05 0.00	46.16 0.93 0.00	36.69 0.70 0.00	37.22 0.63 0.00

CORONA V_69_KV_TB1 355595	43.00 0.75 0.00	41.29 0.71 0.00	31.25 0.81 0.00	30.59 0.66 0.00	32.95 0.61 0.00	36.71 0.68 0.00	54.41 0.74 0.00	53.99 1.38 0.00	58.53 1.56 0.00	62.77 1.84 0.00	52.75 1.59 0.00	49.13 1.50 0.00	40.27 1.44 0.00	39.25 1.39 0.00	38.20 1.66 0.00	42.07 1.84 0.00	47.76 2.31 0.00	48.20 1.82 0.00	63.81 2.49 0.00	59.67 2.36 -0.06	48.16 2.20 0.00	47.15 1.93 0.00	37.82 1.82 0.00	38.37 1.78 0.00
CORTLAND_115KV_TB3 80093	42.67 0.42 0.00	40.88 0.30 0.00	30.59 0.16 0.00	30.13 0.19 0.00	32.53 0.19 0.00	36.33 0.30 0.00	54.35 0.67 0.00	53.26 0.65 0.00	57.54 0.56 0.00	61.51 0.57 0.00	51.60 0.45 0.00	48.07 0.44 0.00	39.10 0.28 0.00	38.23 0.36 0.00	36.92 0.37 0.00	40.64 0.41 0.00	45.88 0.43 0.00	46.99 0.61 0.00	62.28 0.96 0.00	58.14 0.89 0.00	46.57 0.60 0.00	45.73 0.50 0.00	36.34 0.35 0.00	36.88 0.29 0.00
COXSACKIE__GT 23611	42.71 0.45 0.00	40.97 0.39 0.00	30.84 0.40 0.00	30.32 0.39 0.00	32.78 0.44 0.00	36.97 0.93 0.00	55.18 1.50 0.00	54.51 1.89 0.00	19.45 2.36 39.89	57.12 2.05 5.87	52.91 1.76 0.00	48.99 1.36 0.00	39.62 0.80 0.00	38.71 0.84 0.00	37.45 0.91 0.00	41.53 1.30 0.00	46.83 1.37 0.00	48.06 1.68 0.00	64.30 2.97 0.00	59.06 1.81 0.00	47.47 1.50 0.00	46.59 1.36 0.00	36.95 0.96 0.00	37.55 0.96 0.00
CPV_VALLEY__CC1 323721	42.89 0.64 0.00	41.12 0.54 0.00	30.90 0.46 0.00	30.34 0.41 0.00	32.74 0.40 0.00	36.62 0.58 0.00	54.56 0.88 0.00	53.74 1.12 0.00	58.17 1.20 0.00	62.33 1.40 0.00	52.37 1.21 0.00	48.97 1.34 0.00	39.85 1.03 0.00	38.79 0.92 0.00	37.66 1.13 0.00	41.75 1.52 0.00	47.25 1.79 0.00	48.05 1.67 0.00	63.83 2.51 0.00	59.60 2.35 0.00	47.86 1.89 0.00	46.89 1.67 0.00	37.37 1.38 0.00	37.87 1.28 0.00
CPV_VALLEY__CC2 323722	42.89 0.64 0.00	41.12 0.54 0.00	30.90 0.46 0.00	30.34 0.41 0.00	32.74 0.40 0.00	36.62 0.58 0.00	54.56 0.88 0.00	53.74 1.12 0.00	58.17 1.20 0.00	62.33 1.40 0.00	52.37 1.21 0.00	48.97 1.34 0.00	39.85 1.03 0.00	38.79 0.92 0.00	37.66 1.13 0.00	41.75 1.52 0.00	47.25 1.79 0.00	48.05 1.67 0.00	63.83 2.51 0.00	59.60 2.35 0.00	47.86 1.89 0.00	46.89 1.67 0.00	37.37 1.38 0.00	37.87 1.28 0.00
CRESCENT__HYD 24018	42.42 0.16 0.00	40.77 0.19 0.00	30.67 0.23 0.00	30.16 0.22 0.00	32.58 0.24 0.00	36.30 0.26 0.00	53.91 0.23 0.00	52.96 0.35 0.00	57.58 0.60 0.00	61.54 0.60 0.00	51.75 0.59 0.00	48.26 0.62 0.00	39.16 0.33 0.00	38.18 0.31 0.00	36.93 0.39 0.00	40.97 0.74 0.00	46.41 0.96 0.00	47.13 0.75 0.00	62.21 0.89 0.00	58.08 0.83 0.00	46.85 0.89 0.00	46.05 0.82 0.00	36.59 0.60 0.00	37.18 0.59 0.00
CRICKET__VALLEY_CC1 323756	42.27 0.02 0.00	40.55 -0.03 0.00	30.54 0.11 0.00	29.99 0.06 0.00	32.34 0.00 0.00	36.13 0.10 0.00	53.64 -0.04 0.00	52.79 0.18 0.00	57.34 0.35 0.00	61.44 0.50 0.00	51.64 0.49 0.00	48.31 0.67 0.00	39.27 0.44 0.00	38.27 0.40 0.00	37.13 0.59 0.00	41.23 1.00 0.00	46.62 1.17 0.00	47.30 0.91 0.00	62.52 1.20 0.00	58.28 1.03 0.00	46.95 0.98 0.00	46.10 0.87 0.00	36.74 0.76 0.00	37.29 0.70 0.00
CRICKET__VALLEY_CC2 323757	42.27 0.02 0.00	40.55 -0.03 0.00	30.54 0.11 0.00	29.99 0.06 0.00	32.34 0.00 0.00	36.13 0.10 0.00	53.64 -0.04 0.00	52.79 0.18 0.00	57.34 0.35 0.00	61.44 0.50 0.00	51.64 0.49 0.00	48.31 0.67 0.00	39.27 0.44 0.00	38.27 0.40 0.00	37.13 0.59 0.00	41.23 1.00 0.00	46.62 1.17 0.00	47.30 0.91 0.00	62.52 1.20 0.00	58.28 1.03 0.00	46.95 0.98 0.00	46.10 0.87 0.00	36.74 0.76 0.00	37.29 0.70 0.00
CRICKET__VALLEY_CC3 323758	42.27 0.02 0.00	40.55 -0.03 0.00	30.54 0.11 0.00	29.99 0.06 0.00	32.34 0.00 0.00	36.13 0.10 0.00	53.64 -0.04 0.00	52.79 0.18 0.00	57.34 0.35 0.00	61.44 0.50 0.00	51.64 0.49 0.00	48.31 0.67 0.00	39.27 0.44 0.00	38.27 0.40 0.00	37.13 0.59 0.00	41.23 1.00 0.00	46.62 1.17 0.00	47.30 0.91 0.00	62.52 1.20 0.00	58.28 1.03 0.00	46.95 0.98 0.00	46.10 0.87 0.00	36.74 0.76 0.00	37.29 0.70 0.00
CRUCIBLE_METL_DRP 24180	42.03 -0.23 0.00	40.29 -0.29 0.00	30.17 -0.26 0.00	29.70 -0.23 0.00	32.09 -0.25 0.00	35.83 -0.21 0.00	53.53 -0.14 0.00	52.44 -0.18 0.00	56.73 -0.25 0.00	60.64 -0.29 0.00	50.90 -0.25 0.00	47.39 -0.24 0.00	38.59 -0.23 0.00	37.70 -0.17 0.00	36.38 -0.16 0.00	40.01 -0.22 0.00	45.13 -0.33 0.00	46.18 -0.20 0.00	61.22 -0.10 0.00	57.15 -0.11 0.00	45.79 -0.18 0.00	45.00 -0.22 0.00	35.81 -0.18 0.00	36.37 -0.22 0.00
DAHOWA__HYDRO 323763	43.16 0.91 0.00	41.49 0.91 0.00	31.17 0.74 0.00	30.68 0.75 0.00	33.17 0.84 0.00	36.99 0.95 0.00	55.02 1.34 0.00	54.05 1.44 0.00	58.74 1.76 0.00	62.76 1.82 0.00	52.63 1.48 0.00	48.96 1.33 0.00	39.70 0.88 0.00	38.74 0.87 0.00	37.37 0.83 0.00	41.63 1.40 0.00	47.26 1.81 0.00	48.17 1.79 0.00	63.59 2.27 0.00	59.34 2.09 0.00	47.82 1.85 0.00	46.93 1.70 0.00	37.20 1.21 0.00	37.74 1.16 0.00
DANC__LFGE 323619	42.90 0.64 0.00	41.20 0.62 0.00	30.85 0.42 0.00	30.39 0.46 0.00	32.87 0.54 0.00	36.76 0.73 0.00	55.08 1.40 0.00	54.10 1.49 0.00	58.62 1.64 0.00	62.46 1.53 0.00	52.09 0.93 0.00	48.41 0.78 0.00	39.43 0.60 0.00	38.41 0.54 0.00	37.00 0.46 0.00	40.61 0.38 0.00	45.48 0.02 0.00	46.84 0.46 0.00	62.81 1.49 0.00	58.80 1.54 0.00	46.88 0.91 0.00	46.02 0.79 0.00	36.33 0.34 0.00	36.95 0.36 0.00
DANSKAMMER__1 23586	43.24 0.99 0.00	41.44 0.86 0.00	31.18 0.74 0.00	30.60 0.67 0.00	33.02 0.68 0.00	36.94 0.91 0.00	54.99 1.32 0.00	54.16 1.54 0.00	58.70 1.72 0.00	62.92 1.98 0.00	52.89 1.73 0.00	49.45 1.82 0.00	40.24 1.41 0.00	39.17 1.30 0.00	38.02 1.48 0.00	42.14 1.91 0.00	47.69 2.23 0.00	48.47 2.09 0.00	64.29 2.97 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.67 1.68 0.00	38.15 1.56 0.00
DANSKAMMER__2 23589	43.24 0.99 0.00	41.44 0.86 0.00	31.18 0.74 0.00	30.60 0.67 0.00	33.02 0.68 0.00	36.94 0.91 0.00	54.99 1.32 0.00	54.16 1.54 0.00	58.70 1.72 0.00	62.92 1.98 0.00	52.89 1.73 0.00	49.45 1.82 0.00	40.24 1.41 0.00	39.17 1.30 0.00	38.02 1.48 0.00	42.14 1.91 0.00	47.69 2.23 0.00	48.47 2.09 0.00	64.29 2.97 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.67 1.68 0.00	38.15 1.56 0.00
DANSKAMMER__3 23590	43.24 0.99 0.00	41.44 0.86 0.00	31.18 0.74 0.00	30.60 0.67 0.00	33.02 0.68 0.00	36.94 0.91 0.00	54.99 1.32 0.00	54.16 1.54 0.00	58.70 1.72 0.00	62.92 1.98 0.00	52.89 1.73 0.00	49.45 1.82 0.00	40.24 1.41 0.00	39.17 1.30 0.00	38.02 1.48 0.00	42.14 1.91 0.00	47.69 2.23 0.00	48.47 2.09 0.00	64.29 2.97 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.67 1.68 0.00	38.15 1.56 0.00

DANSKAMMER___4 23591	43.24 0.99 0.00	41.44 0.86 0.00	31.18 0.74 0.00	30.60 0.67 0.00	33.02 0.68 0.00	36.94 0.91 0.00	54.99 1.32 0.00	54.16 1.54 0.00	58.70 1.72 0.00	62.92 1.98 0.00	52.89 1.73 0.00	49.45 1.82 0.00	40.24 1.41 0.00	39.17 1.30 0.00	38.02 1.48 0.00	42.14 1.91 0.00	47.69 2.23 0.00	48.47 2.09 0.00	64.29 2.97 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.67 1.68 0.00	38.15 1.56 0.00
DANSKAMMER___DIESEL 23592	43.24 0.99 0.00	41.44 0.86 0.00	31.18 0.74 0.00	30.60 0.67 0.00	33.02 0.69 0.00	36.94 0.91 0.00	54.99 1.32 0.00	54.16 1.55 0.00	58.70 1.72 0.00	62.92 1.98 0.00	52.89 1.73 0.00	49.45 1.82 0.00	40.24 1.41 0.00	39.17 1.30 0.00	38.03 1.48 0.00	42.14 1.91 0.00	47.69 2.24 0.00	48.47 2.09 0.00	64.29 2.97 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.67 1.68 0.00	38.15 1.57 0.00
DARBY___SOLAR 323810	43.03 0.77 0.00	41.34 0.76 0.00	31.08 0.64 0.00	30.57 0.63 0.00	33.05 0.71 0.00	36.84 0.81 0.00	54.77 1.10 0.00	53.80 1.19 0.00	58.46 1.48 0.00	62.44 1.51 0.00	52.40 1.24 0.00	48.75 1.12 0.00	39.54 0.72 0.00	38.58 0.71 0.00	37.24 0.70 0.00	41.46 1.23 0.00	47.05 1.59 0.00	47.93 1.55 0.00	63.28 1.96 0.00	59.04 1.79 0.00	47.58 1.61 0.00	46.73 1.50 0.00	37.05 1.06 0.00	37.61 1.02 0.00
DASHVILLE___HYD 23610	42.84 0.59 0.00	41.07 0.48 0.00	30.92 0.48 0.00	30.36 0.43 0.00	32.76 0.42 0.00	36.60 0.56 0.00	54.42 0.75 0.00	53.58 0.96 0.00	48.56 1.24 9.67	60.85 1.34 1.42	52.36 1.21 0.00	48.93 1.30 0.00	39.81 0.99 0.00	38.76 0.89 0.00	37.61 1.07 0.00	41.66 1.44 0.00	47.11 1.66 0.00	47.85 1.47 0.00	63.40 2.08 0.00	59.18 1.93 0.00	47.61 1.64 0.00	46.76 1.53 0.00	37.24 1.25 0.00	37.71 1.12 0.00
DELAWARE___LFGE 323621	42.99 0.73 0.00	41.19 0.61 0.00	30.91 0.47 0.00	30.39 0.46 0.00	32.81 0.47 0.00	36.59 0.55 0.00	54.60 0.92 0.00	53.51 0.90 0.00	57.85 0.87 0.00	61.95 1.01 0.00	52.08 0.93 0.00	48.62 0.99 0.00	39.56 0.74 0.00	38.58 0.72 0.00	37.31 0.77 0.00	41.17 0.93 0.00	46.50 1.04 0.00	47.43 1.05 0.00	62.80 1.48 0.00	58.63 1.38 0.00	47.10 1.14 0.00	46.27 1.04 0.00	36.81 0.82 0.00	37.38 0.79 0.00
DERFIELD_115KV_TB7 355931	42.19 -0.06 0.00	40.50 -0.08 0.00	30.41 -0.03 0.00	29.90 -0.03 0.00	32.30 -0.03 0.00	36.00 -0.04 0.00	53.62 -0.05 0.00	52.60 -0.02 0.00	56.98 0.00 0.00	60.93 0.00 0.00	51.16 0.00 0.00	47.67 0.05 0.00	38.82 0.00 0.00	37.87 0.00 0.00	36.58 0.04 0.00	40.35 0.12 0.00	45.63 0.17 0.00	46.52 0.14 0.00	61.51 0.19 0.00	57.43 0.17 0.00	46.12 0.16 0.00	45.35 0.12 0.00	36.06 0.07 0.00	36.66 0.07 0.00
DOGLEVILLE___HYD 23807	43.96 1.71 0.00	42.28 1.70 0.00	31.70 1.26 0.00	31.19 1.25 0.00	33.78 1.45 0.00	37.71 1.68 0.00	56.32 2.65 0.00	55.47 2.85 0.00	59.70 2.72 0.00	63.43 2.50 0.00	53.10 1.94 0.00	49.37 1.74 0.00	39.97 1.14 0.00	39.00 1.13 0.00	37.83 1.29 0.00	42.24 2.01 0.00	47.95 2.49 0.00	49.02 2.64 0.00	65.07 3.75 0.00	60.63 3.37 0.00	48.84 2.88 0.00	47.99 2.76 0.00	38.01 2.02 0.00	38.51 1.92 0.00
DUNKIRK___115KV_TB_200 55889	43.67 1.42 0.00	41.80 1.22 0.00	30.92 0.48 0.00	30.53 0.60 0.00	32.87 0.54 0.00	36.64 0.61 0.00	54.97 1.30 0.00	53.45 0.83 0.00	57.83 0.86 0.00	61.97 1.03 0.00	51.46 0.30 0.00	48.11 0.48 0.00	39.12 0.29 0.00	38.42 0.55 0.00	36.79 0.25 0.00	39.94 -0.29 0.00	44.67 -0.79 0.00	46.10 -0.28 0.00	61.03 -0.29 0.00	56.94 -0.31 0.00	45.19 -0.77 0.00	44.62 -0.61 0.00	35.67 -0.33 0.00	36.59 0.00 0.00
DUNKIRK___1 23563	43.67 1.42 0.00	41.80 1.22 0.00	30.92 0.48 0.00	30.53 0.60 0.00	32.87 0.54 0.00	36.64 0.61 0.00	54.97 1.30 0.00	53.45 0.83 0.00	57.83 0.86 0.00	61.97 1.03 0.00	51.46 0.30 0.00	48.11 0.48 0.00	39.12 0.29 0.00	38.42 0.55 0.00	36.79 0.25 0.00	39.94 -0.29 0.00	44.67 -0.79 0.00	46.10 -0.28 0.00	61.03 -0.29 0.00	56.94 -0.31 0.00	45.19 -0.77 0.00	44.62 -0.61 0.00	35.67 -0.33 0.00	36.59 0.00 0.00
DUNKIRK___2 23564	43.67 1.42 0.00	41.80 1.22 0.00	30.92 0.48 0.00	30.53 0.60 0.00	32.87 0.54 0.00	36.64 0.61 0.00	54.97 1.30 0.00	53.45 0.83 0.00	57.83 0.86 0.00	61.97 1.03 0.00	51.46 0.30 0.00	48.11 0.48 0.00	39.12 0.29 0.00	38.42 0.55 0.00	36.79 0.25 0.00	39.94 -0.29 0.00	44.67 -0.79 0.00	46.10 -0.28 0.00	61.03 -0.29 0.00	56.94 -0.31 0.00	45.19 -0.77 0.00	44.62 -0.61 0.00	35.67 -0.33 0.00	36.59 0.00 0.00
DUNKIRK___3 23565	43.51 1.25 0.00	41.66 1.08 0.00	30.84 0.40 0.00	30.44 0.50 0.00	32.78 0.45 0.00	36.51 0.48 0.00	54.72 1.05 0.00	53.09 0.48 0.00	57.40 0.42 0.00	61.47 0.54 0.00	51.22 0.07 0.00	47.93 0.29 0.00	38.98 0.16 0.00	38.27 0.40 0.00	36.66 0.12 0.00	39.76 -0.47 0.00	44.44 -1.01 0.00	45.85 -0.53 0.00	60.64 -0.68 0.00	56.59 -0.67 0.00	44.97 -1.00 0.00	44.45 -0.78 0.00	35.57 -0.42 0.00	36.51 -0.07 0.00
DUNKIRK___4 23566	43.51 1.25 0.00	41.66 1.08 0.00	30.84 0.40 0.00	30.44 0.50 0.00	32.78 0.45 0.00	36.51 0.48 0.00	54.72 1.05 0.00	53.09 0.48 0.00	57.40 0.42 0.00	61.47 0.54 0.00	51.22 0.07 0.00	47.93 0.29 0.00	38.98 0.16 0.00	38.27 0.40 0.00	36.66 0.12 0.00	39.76 -0.47 0.00	44.44 -1.01 0.00	45.85 -0.53 0.00	60.64 -0.68 0.00	56.59 -0.67 0.00	44.97 -1.00 0.00	44.45 -0.78 0.00	35.57 -0.42 0.00	36.51 -0.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.00 0.75 0.00	41.23 0.65 0.00	31.08 0.64 0.00	30.51 0.57 0.00	32.92 0.58 0.00	36.79 0.76 0.00	54.67 0.99 0.00	53.83 1.22 0.00	58.38 1.39 0.00	62.64 1.70 0.00	52.70 1.54 0.00	49.30 1.67 0.00	40.19 1.37 0.00	39.13 1.26 0.00	38.00 1.46 0.00	42.08 1.85 0.00	47.59 2.13 0.00	48.31 1.93 0.00	64.00 2.68 0.00	59.71 2.46 0.00	48.00 2.03 0.00	47.08 1.85 0.00	37.61 1.62 0.00	38.11 1.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.12 0.87 0.00	41.32 0.74 0.00	31.07 0.63 0.00	30.50 0.56 0.00	32.92 0.58 0.00	36.83 0.79 0.00	54.87 1.19 0.00	54.05 1.44 0.00	57.32 1.56 1.22	62.52 1.77 0.18	52.68 1.53 0.00	49.25 1.63 0.00	40.08 1.25 0.00	38.99 1.12 0.00	37.87 1.33 0.00	41.98 1.75 0.00	47.52 2.07 0.00	48.35 1.97 0.00	64.21 2.89 0.00	59.95 2.70 0.00	48.16 2.19 0.00	47.19 1.97 0.00	37.59 1.60 0.00	38.07 1.48 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.03 0.78 0.00	41.33 0.75 0.00	31.20 0.77 0.00	30.58 0.64 0.00	32.95 0.62 0.00	36.86 0.83 0.00	54.67 1.00 0.00	53.82 1.20 0.00	58.41 1.43 0.00	62.71 1.78 0.00	52.72 1.56 0.00	49.44 1.81 0.00	40.26 1.44 0.00	39.15 1.28 0.00	38.07 1.53 0.00	42.12 1.89 0.00	47.65 2.20 0.00	48.39 2.01 0.00	63.97 2.65 0.00	59.66 2.40 0.00	47.94 1.97 0.00	47.00 1.77 0.00	37.61 1.62 0.00	38.14 1.56 0.00

E179THST_13_KV_LOAD 356214	43.22 0.97 0.00	41.49 0.91 0.00	31.32 0.88 0.00	30.68 0.75 0.00	33.07 0.73 0.00	37.00 0.96 0.00	54.88 1.21 0.00	54.07 1.45 0.00	58.68 1.70 0.00	63.00 2.07 0.00	52.97 1.81 0.00	49.68 2.04 0.00	40.45 1.63 0.00	39.34 1.47 0.00	38.25 1.71 0.00	42.32 2.09 0.00	47.88 2.42 0.00	48.62 2.24 0.00	64.28 2.96 0.00	59.97 2.72 0.00	48.17 2.20 0.00	47.23 2.00 0.00	37.77 1.79 0.00	38.30 1.71 0.00
EAST HAMPTON___GT 23717	41.14 -1.11 0.00	39.52 -1.06 0.00	30.19 -0.25 0.00	29.48 -0.45 0.00	31.68 -0.66 0.00	34.89 -1.15 0.00	51.70 -1.97 0.00	51.10 -1.50 0.01	55.19 -1.61 0.18	59.74 -1.19 0.00	50.23 -0.93 0.00	46.62 -1.01 0.00	38.32 -0.50 0.00	37.49 -0.38 0.00	36.61 0.07 0.00	39.95 -0.28 0.00	45.53 0.08 0.00	46.09 -0.29 0.00	59.42 -0.48 1.41	54.88 -0.47 1.91	44.36 -0.10 1.51	43.46 -0.39 1.37	36.40 0.41 0.00	37.55 0.96 0.00
EAST RIVER___6 23660	43.12 0.86 0.00	41.28 0.70 0.00	31.18 0.75 0.00	30.61 0.67 0.00	33.02 0.68 0.00	36.97 0.94 0.00	54.95 1.28 0.00	54.04 1.42 0.00	58.66 1.68 0.00	62.99 2.06 0.00	53.07 1.91 0.00	49.67 2.04 0.00	40.56 1.73 0.00	39.48 1.61 0.00	38.36 1.82 0.00	42.45 2.22 0.00	47.99 2.54 0.00	48.69 2.31 0.00	64.39 3.07 0.00	60.04 2.79 0.00	48.23 2.26 0.00	47.29 2.06 0.00	37.82 1.83 0.00	38.32 1.73 0.00
EAST RIVER___7 23524	43.12 0.86 0.00	41.28 0.70 0.00	31.18 0.75 0.00	30.61 0.67 0.00	33.02 0.68 0.00	36.97 0.94 0.00	54.95 1.28 0.00	54.04 1.42 0.00	58.66 1.68 0.00	62.99 2.06 0.00	53.07 1.91 0.00	49.67 2.04 0.00	40.56 1.73 0.00	39.48 1.61 0.00	38.36 1.82 0.00	42.45 2.22 0.00	47.99 2.54 0.00	48.69 2.31 0.00	64.39 3.07 0.00	60.04 2.79 0.00	48.23 2.26 0.00	47.29 2.06 0.00	37.82 1.83 0.00	38.32 1.73 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.95 0.70 0.00	41.17 0.59 0.00	31.02 0.58 0.00	30.45 0.51 0.00	32.85 0.51 0.00	36.72 0.69 0.00	54.58 0.91 0.00	53.77 1.16 0.00	58.30 1.32 0.00	62.53 1.59 0.00	52.61 1.45 0.00	49.21 1.58 0.00	40.10 1.28 0.00	39.04 1.17 0.00	37.91 1.37 0.00	41.99 1.76 0.00	47.51 2.05 0.00	48.23 1.85 0.00	63.91 2.59 0.00	59.62 2.37 0.00	47.94 1.97 0.00	47.00 1.78 0.00	37.53 1.54 0.00	38.04 1.46 0.00
EAST_HAMPTON___DIESEL 23722	41.00 -1.26 0.00	39.38 -1.20 0.00	30.09 -0.35 0.00	29.38 -0.56 0.00	31.57 -0.77 0.00	34.76 -1.28 0.00	51.52 -2.16 0.00	50.92 -1.69 0.01	55.02 -1.79 0.18	59.54 -1.39 0.00	50.06 -1.10 0.00	46.45 -1.18 0.00	38.19 -0.63 0.00	37.35 -0.52 0.00	36.49 -0.05 0.00	39.83 -0.40 0.00	45.38 -0.07 0.00	45.94 -0.44 0.00	59.23 -0.68 1.41	54.69 -0.66 1.91	44.20 -0.26 1.51	43.31 -0.55 1.37	36.29 0.30 0.00	37.46 0.87 0.00
EAST_POINT___SOLAR 323840	43.49 1.24 0.00	41.72 1.14 0.00	31.25 0.82 0.00	30.72 0.79 0.00	33.25 0.92 0.00	37.18 1.15 0.00	55.76 2.08 0.00	54.88 2.26 0.00	59.00 2.02 0.00	62.90 1.96 0.00	52.46 1.31 0.00	48.55 0.92 0.00	39.36 0.54 0.00	38.46 0.59 0.00	37.24 0.70 0.00	41.34 1.11 0.00	46.91 1.46 0.00	48.18 1.80 0.00	63.98 2.66 0.00	59.69 2.44 0.00	47.82 1.86 0.00	46.91 1.68 0.00	37.18 1.19 0.00	37.74 1.15 0.00
EAST_PULASKI___ESR 323781	41.97 -0.28 0.00	40.26 -0.33 0.00	30.16 -0.28 0.00	29.69 -0.24 0.00	32.09 -0.25 0.00	35.84 -0.20 0.00	53.56 -0.12 0.00	52.53 -0.08 0.00	56.93 -0.05 0.00	60.76 -0.18 0.00	50.83 -0.33 0.00	47.31 -0.33 0.00	38.52 -0.31 0.00	37.54 -0.33 0.00	36.23 -0.31 0.00	39.76 -0.47 0.00	44.71 -0.75 0.00	45.87 -0.51 0.00	61.15 -0.18 0.00	57.17 -0.09 0.00	45.74 -0.22 0.00	45.02 -0.21 0.00	35.69 -0.30 0.00	36.27 -0.32 0.00
EAST_RIVER___1 323558	43.13 0.87 0.00	41.32 0.74 0.00	31.19 0.76 0.00	30.62 0.68 0.00	33.03 0.69 0.00	36.96 0.92 0.00	54.87 1.20 0.00	53.99 1.38 0.00	58.59 1.61 0.00	62.90 1.96 0.00	52.97 1.81 0.00	49.57 1.94 0.00	40.44 1.61 0.00	39.37 1.50 0.00	38.25 1.71 0.00	42.34 2.11 0.00	47.88 2.43 0.00	48.59 2.21 0.00	64.31 2.99 0.00	59.95 2.70 0.00	48.14 2.17 0.00	47.22 2.00 0.00	37.78 1.79 0.00	38.29 1.70 0.00
EAST_RIVER___2 323559	43.12 0.86 0.00	41.28 0.70 0.00	31.18 0.75 0.00	30.61 0.67 0.00	33.02 0.68 0.00	36.97 0.94 0.00	54.95 1.28 0.00	54.04 1.42 0.00	58.66 1.68 0.00	62.99 2.06 0.00	53.07 1.91 0.00	49.67 2.04 0.00	40.56 1.73 0.00	39.48 1.61 0.00	38.36 1.82 0.00	42.45 2.22 0.00	47.99 2.54 0.00	48.69 2.31 0.00	64.39 3.07 0.00	60.04 2.79 0.00	48.23 2.26 0.00	47.29 2.06 0.00	37.82 1.83 0.00	38.32 1.73 0.00
EAST___DELAWARE_HYD 23607	42.63 0.38 0.00	40.84 0.26 0.00	30.68 0.25 0.00	30.12 0.19 0.00	32.52 0.19 0.00	36.37 0.33 0.00	54.28 0.60 0.00	53.54 0.92 0.00	54.70 0.90 3.18	61.49 1.03 0.47	52.00 0.85 0.00	48.48 0.84 0.00	39.28 0.46 0.00	37.27 -0.60 0.00	36.21 -0.33 0.00	40.18 -0.05 0.00	45.58 0.12 0.00	46.47 0.08 0.00	61.94 0.62 0.00	59.23 1.98 0.00	47.58 1.61 0.00	46.63 1.40 0.00	37.08 1.09 0.00	37.51 0.92 0.00
EIGHT_POINT___WT_PWR 323820	43.45 1.19 0.00	41.76 1.18 0.00	31.00 0.56 0.00	30.56 0.62 0.00	32.93 0.59 0.00	36.64 0.61 0.00	54.80 1.13 0.00	52.93 0.31 0.00	57.08 0.09 0.00	60.91 -0.03 0.00	50.51 -0.64 0.00	47.17 -0.46 0.00	38.46 -0.37 0.00	37.69 -0.18 0.00	35.99 -0.55 0.00	38.48 -1.75 0.00	43.00 -2.45 0.00	45.07 -1.31 0.00	59.92 -1.40 0.00	55.79 -1.47 0.00	44.44 -1.53 0.00	43.75 -1.48 0.00	34.83 -1.16 0.00	35.59 -0.99 0.00
ELBRIDGE_115KV_TB2 80188	41.86 -0.39 0.00	40.13 -0.45 0.00	30.05 -0.38 0.00	29.58 -0.35 0.00	31.95 -0.39 0.00	35.68 -0.35 0.00	53.29 -0.38 0.00	52.20 -0.42 0.00	56.48 -0.49 0.00	60.36 -0.57 0.00	50.69 -0.46 0.00	47.16 -0.47 0.00	38.37 -0.45 0.00	37.49 -0.38 0.00	36.20 -0.34 0.00	39.81 -0.41 0.00	44.85 -0.60 0.00	45.90 -0.48 0.00	60.91 -0.41 0.00	56.86 -0.39 0.00	45.55 -0.41 0.00	44.79 -0.44 0.00	35.64 -0.35 0.00	36.19 -0.40 0.00
ELEC_TRO_TEK 24086	42.77 0.51 0.00	41.08 0.50 0.00	31.10 0.66 0.00	30.43 0.50 0.00	32.78 0.44 0.00	36.52 0.48 0.00	54.21 0.54 0.00	53.68 1.07 0.00	58.19 1.21 0.00	62.42 1.48 0.00	52.47 1.31 0.00	48.84 1.21 0.00	40.05 1.23 0.00	39.04 1.17 0.00	38.01 1.47 0.00	41.84 1.61 0.00	47.51 2.06 0.00	48.02 1.63 0.00	63.52 2.20 0.00	59.38 2.07 -0.06	47.85 1.88 0.00	46.86 1.63 0.00	37.59 1.60 0.00	38.16 1.57 0.00
ELLENBURG_WT_PWR 323604	43.28 1.03 0.00	41.69 1.11 0.00	31.14 0.70 0.00	30.69 0.76 0.00	33.19 0.86 0.00	36.90 0.87 0.00	54.76 1.08 0.00	53.52 0.91 0.00	57.88 0.90 0.00	61.82 0.88 0.00	51.72 0.57 0.00	47.91 0.28 0.00	39.31 0.49 0.00	38.40 0.53 0.00	36.97 0.43 0.00	40.63 0.40 0.00	45.54 0.09 0.00	46.41 0.03 0.00	61.24 -0.08 0.00	57.21 -0.04 0.00	45.88 -0.09 0.00	45.25 0.02 0.00	35.97 -0.02 0.00	36.48 -0.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.24 0.99 0.00	41.46 0.88 0.00	30.76 0.33 0.00	30.33 0.40 0.00	32.70 0.37 0.00	36.35 0.31 0.00	54.39 0.71 0.00	52.54 -0.08 0.00	56.92 -0.06 0.00	60.84 -0.10 0.00	50.97 -0.18 0.00	47.63 0.00 0.00	38.90 0.07 0.00	38.11 0.24 0.00	36.52 -0.03 0.00	39.40 -0.83 0.00	43.94 -1.51 0.00	45.22 -1.16 0.00	59.55 -1.77 0.00	55.59 -1.66 0.00	44.29 -1.68 0.00	43.98 -1.24 0.00	35.38 -0.61 0.00	36.41 -0.17 0.00
EMPIRE_CC_1 323656	42.06 -0.19 0.00	40.48 -0.10 0.00	30.46 0.03 0.00	29.95 0.02 0.00	32.35 0.02 0.00	36.02 -0.02 0.00	53.40 -0.28 0.00	52.46 -0.16 0.00	57.06 0.08 0.00	61.00 0.06 0.00	51.33 0.17 0.00	47.92 0.29 0.00	38.87 0.05 0.00	37.90 0.03 0.00	36.70 0.16 0.00	40.70 0.47 0.00	46.05 0.60 0.00	46.66 0.28 0.00	61.60 0.28 0.00	57.51 0.26 0.00	46.44 0.47 0.00	45.69 0.46 0.00	36.34 0.35 0.00	36.97 0.38 0.00
EMPIRE_CC_2 323658	42.06 -0.19 0.00	40.48 -0.10 0.00	30.46 0.03 0.00	29.95 0.02 0.00	32.35 0.02 0.00	36.02 -0.02 0.00	53.40 -0.28 0.00	52.46 -0.16 0.00	57.06 0.08 0.00	61.00 0.06 0.00	51.33 0.17 0.00	47.92 0.29 0.00	38.87 0.05 0.00	37.90 0.03 0.00	36.70 0.16 0.00	40.70 0.47 0.00	46.05 0.60 0.00	46.66 0.28 0.00	61.60 0.28 0.00	57.51 0.26 0.00	46.44 0.47 0.00	45.69 0.46 0.00	36.34 0.35 0.00	36.97 0.38 0.00
ENORWICH_115KV_TB1 80156	44.84 2.59 0.00	42.89 2.31 0.00	32.09 1.65 0.00	31.60 1.66 0.00	34.16 1.83 0.00	38.27 2.24 0.00	57.59 3.92 0.00	56.29 3.68 0.00	60.68 3.70 0.00	64.73 3.79 0.00	54.13 2.98 0.00	50.34 2.71 0.00	40.88 2.06 0.00	39.93 2.06 0.00	38.62 2.08 0.00	42.51 2.28 0.00	47.98 2.53 0.00	49.51 3.13 0.00	65.90 4.58 0.00	61.54 4.29 0.00	49.15 3.19 0.00	48.09 2.86 0.00	38.12 2.13 0.00	38.63 2.04 0.00
ERIE_ST__34_KV_TB1-2 80199	43.38 1.13 0.00	41.56 0.98 0.00	30.84 0.40 0.00	30.39 0.46 0.00	32.77 0.43 0.00	36.45 0.41 0.00	54.57 0.90 0.00	52.72 0.11 0.00	56.95 -0.03 0.00	61.06 0.13 0.00	51.36 0.20 0.00	48.01 0.38 0.00	39.09 0.27 0.00	38.34 0.47 0.00	36.73 0.19 0.00	39.65 -0.58 0.00	44.27 -1.19 0.00	45.62 -0.77 0.00	60.17 -1.15 0.00	56.18 -1.07 0.00	44.74 -1.23 0.00	44.35 -0.88 0.00	35.60 -0.39 0.00	36.56 -0.03 0.00
ERIE_WT_PWR 323693	43.42 1.16 0.00	41.61 1.03 0.00	30.88 0.44 0.00	30.45 0.51 0.00	32.82 0.49 0.00	36.50 0.47 0.00	54.64 0.96 0.00	52.83 0.21 0.00	57.18 0.19 0.00	61.16 0.23 0.00	51.21 0.05 0.00	47.88 0.25 0.00	39.05 0.23 0.00	38.27 0.40 0.00	36.63 0.09 0.00	39.53 -0.69 0.00	44.11 -1.34 0.00	45.46 -0.92 0.00	59.92 -1.40 0.00	55.95 -1.31 0.00	44.56 -1.41 0.00	44.25 -0.98 0.00	35.52 -0.47 0.00	36.51 -0.08 0.00
ESPRGFLD_115KV_TB1 80157	43.26 1.00 0.00	41.46 0.88 0.00	31.02 0.58 0.00	30.48 0.55 0.00	32.96 0.62 0.00	36.81 0.77 0.00	55.16 1.49 0.00	54.15 1.53 0.00	58.40 1.42 0.00	62.50 1.57 0.00	52.46 1.31 0.00	48.81 1.18 0.00	39.78 0.96 0.00	38.81 0.94 0.00	37.40 0.86 0.00	41.15 0.92 0.00	46.39 0.94 0.00	47.56 1.18 0.00	63.06 1.74 0.00	58.83 1.58 0.00	47.13 1.16 0.00	46.25 1.02 0.00	36.71 0.73 0.00	37.29 0.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.05 0.80 0.00	41.23 0.65 0.00	30.82 0.38 0.00	30.36 0.43 0.00	32.77 0.43 0.00	36.62 0.59 0.00	54.85 1.18 0.00	53.71 1.09 0.00	58.01 1.03 0.00	61.95 1.02 0.00	51.96 0.81 0.00	48.34 0.71 0.00	39.31 0.49 0.00	38.46 0.59 0.00	37.17 0.63 0.00	40.87 0.63 0.00	46.08 0.62 0.00	47.24 0.86 0.00	62.74 1.42 0.00	58.62 1.37 0.00	46.91 0.94 0.00	46.05 0.82 0.00	36.61 0.62 0.00	37.14 0.55 0.00
ETNA____115KV_TB2 80207	43.05 0.80 0.00	41.23 0.65 0.00	30.82 0.38 0.00	30.36 0.43 0.00	32.77 0.43 0.00	36.62 0.59 0.00	54.85 1.18 0.00	53.71 1.09 0.00	58.01 1.03 0.00	61.95 1.02 0.00	51.96 0.81 0.00	48.34 0.71 0.00	39.31 0.49 0.00	38.46 0.59 0.00	37.17 0.63 0.00	40.87 0.63 0.00	46.08 0.62 0.00	47.24 0.86 0.00	62.74 1.42 0.00	58.62 1.37 0.00	46.91 0.94 0.00	46.05 0.82 0.00	36.61 0.62 0.00	37.14 0.55 0.00
EUCLID__115KV_TB2 356179	41.64 -0.61 0.00	39.92 -0.66 0.00	29.91 -0.53 0.00	29.43 -0.51 0.00	31.80 -0.54 0.00	35.47 -0.57 0.00	52.94 -0.74 0.00	51.85 -0.77 0.00	56.15 -0.83 0.00	60.01 -0.92 0.00	50.39 -0.76 0.00	46.94 -0.69 0.00	38.23 -0.59 0.00	37.34 -0.54 0.00	36.02 -0.52 0.00	39.62 -0.61 0.00	44.68 -0.77 0.00	45.70 -0.68 0.00	60.49 -0.83 0.00	56.47 -0.78 0.00	45.27 -0.70 0.00	44.53 -0.70 0.00	35.46 -0.53 0.00	36.04 -0.55 0.00
E_CANADA_CAP_HY 24051	42.85 0.60 0.00	41.14 0.56 0.00	30.79 0.36 0.00	30.26 0.32 0.00	32.74 0.41 0.00	36.58 0.54 0.00	54.75 1.08 0.00	53.79 1.18 0.00	58.03 1.05 0.00	62.05 1.11 0.00	51.97 0.81 0.00	48.23 0.60 0.00	39.30 0.48 0.00	38.32 0.45 0.00	36.93 0.39 0.00	40.72 0.49 0.00	45.95 0.49 0.00	47.12 0.73 0.00	62.43 1.10 0.00	58.22 0.97 0.00	46.68 0.71 0.00	45.87 0.65 0.00	36.41 0.42 0.00	37.02 0.43 0.00
E_CANADA_MHWK_HY 24050	43.96 1.71 0.00	42.28 1.70 0.00	31.70 1.26 0.00	31.19 1.25 0.00	33.78 1.45 0.00	37.71 1.68 0.00	56.32 2.65 0.00	55.47 2.85 0.00	59.70 2.72 0.00	63.43 2.50 0.00	53.10 1.94 0.00	49.37 1.74 0.00	39.97 1.14 0.00	39.00 1.13 0.00	37.83 1.28 0.00	42.24 2.01 0.00	47.95 2.49 0.00	49.02 2.64 0.00	65.07 3.75 0.00	60.63 3.37 0.00	48.84 2.88 0.00	47.99 2.76 0.00	38.01 2.02 0.00	38.51 1.92 0.00
E_FISHKILL__LBMP 23776	42.67 0.42 0.00	40.91 0.33 0.00	30.82 0.38 0.00	30.26 0.33 0.00	32.65 0.32 0.00	36.47 0.43 0.00	54.17 0.50 0.00	53.30 0.69 0.00	57.81 0.83 0.00	62.00 1.07 0.00	52.14 0.99 0.00	48.77 1.15 0.00	39.72 0.90 0.00	38.68 0.81 0.00	37.55 1.01 0.00	41.61 1.38 0.00	47.04 1.59 0.00	47.74 1.36 0.00	63.18 1.85 0.00	58.93 1.67 0.00	47.45 1.48 0.00	46.58 1.35 0.00	37.17 1.17 0.00	37.69 1.10 0.00
FALCON__SEABRD_CC1 323796	43.80 1.55 0.00	42.18 1.60 0.00	31.51 1.07 0.00	31.07 1.13 0.00	33.62 1.28 0.00	37.19 1.15 0.00	54.60 0.93 0.00	52.96 0.35 0.00	57.25 0.27 0.00	61.06 0.13 0.00	51.00 -0.15 0.00	47.01 -0.63 0.00	38.92 0.10 0.00	38.15 0.28 0.00	36.77 0.23 0.00	40.64 0.41 0.00	44.95 -0.50 0.00	45.60 -0.78 0.00	60.04 -1.28 0.00	56.26 -1.00 0.00	45.32 -0.65 0.00	44.95 -0.27 0.00	35.86 -0.13 0.00	36.33 -0.26 0.00
FALCON__SEABRD_CC2 323797	43.80 1.55 0.00	42.18 1.60 0.00	31.51 1.07 0.00	31.07 1.13 0.00	33.62 1.28 0.00	37.19 1.15 0.00	54.60 0.93 0.00	52.96 0.35 0.00	57.25 0.27 0.00	61.06 0.13 0.00	51.00 -0.15 0.00	47.01 -0.63 0.00	38.92 0.10 0.00	38.15 0.28 0.00	36.77 0.23 0.00	40.64 0.41 0.00	44.95 -0.50 0.00	45.60 -0.78 0.00	60.04 -1.28 0.00	56.26 -1.00 0.00	45.32 -0.65 0.00	44.95 -0.27 0.00	35.86 -0.13 0.00	36.33 -0.26 0.00

FAR ROCKAWAY___4 23548	43.26 1.01 0.00	41.55 0.97 0.00	31.45 1.01 0.00	30.78 0.85 0.00	33.15 0.81 0.00	36.94 0.90 0.00	54.77 1.09 0.00	54.38 1.77 0.00	58.95 1.97 0.00	63.20 2.27 0.00	53.10 1.94 0.00	49.44 1.81 0.00	40.55 1.73 0.00	39.53 1.66 0.00	38.46 1.92 0.00	42.33 2.10 0.00	48.10 2.65 0.00	48.57 2.19 0.00	64.27 2.95 0.00	60.07 2.76 -0.06	48.50 2.54 0.00	47.48 2.25 0.00	38.07 2.08 0.00	38.62 2.03 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.13 0.88 0.00	41.32 0.75 0.00	31.21 0.77 0.00	30.62 0.68 0.00	33.03 0.70 0.00	36.97 0.93 0.00	54.87 1.19 0.00	53.99 1.37 0.00	58.56 1.58 0.00	62.89 1.95 0.00	52.95 1.79 0.00	49.55 1.91 0.00	40.41 1.59 0.00	39.35 1.48 0.00	38.23 1.69 0.00	42.32 2.09 0.00	47.85 2.40 0.00	48.56 2.18 0.00	64.26 2.94 0.00	59.93 2.67 0.00	48.13 2.16 0.00	47.20 1.97 0.00	37.77 1.78 0.00	38.28 1.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.15 0.90 0.00	41.34 0.76 0.00	31.21 0.77 0.00	30.63 0.70 0.00	33.05 0.71 0.00	36.97 0.93 0.00	54.88 1.20 0.00	54.00 1.38 0.00	58.59 1.61 0.00	62.89 1.95 0.00	52.95 1.80 0.00	49.55 1.92 0.00	40.43 1.61 0.00	39.36 1.49 0.00	38.23 1.69 0.00	42.33 2.10 0.00	47.86 2.40 0.00	48.57 2.19 0.00	64.30 2.98 0.00	59.95 2.70 0.00	48.15 2.18 0.00	47.23 2.00 0.00	37.78 1.79 0.00	38.29 1.71 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.11 0.86 0.00	41.31 0.73 0.00	31.18 0.74 0.00	30.61 0.68 0.00	33.02 0.68 0.00	36.94 0.91 0.00	54.84 1.16 0.00	53.96 1.34 0.00	58.54 1.56 0.00	62.85 1.91 0.00	52.91 1.75 0.00	49.53 1.89 0.00	40.40 1.58 0.00	39.33 1.46 0.00	38.22 1.68 0.00	42.29 2.06 0.00	47.83 2.38 0.00	48.54 2.15 0.00	64.24 2.91 0.00	59.88 2.63 0.00	48.08 2.11 0.00	47.17 1.95 0.00	37.74 1.75 0.00	38.26 1.67 0.00
FARRAGUT___LBMP 323566	43.08 0.83 0.00	41.28 0.70 0.00	31.17 0.73 0.00	30.59 0.65 0.00	33.00 0.66 0.00	36.92 0.88 0.00	54.81 1.13 0.00	53.92 1.31 0.00	58.48 1.50 0.00	62.79 1.85 0.00	52.86 1.70 0.00	49.48 1.85 0.00	40.36 1.54 0.00	39.29 1.42 0.00	38.18 1.64 0.00	42.25 2.02 0.00	47.79 2.33 0.00	48.50 2.11 0.00	64.18 2.86 0.00	59.84 2.59 0.00	48.07 2.10 0.00	47.14 1.91 0.00	37.72 1.73 0.00	38.23 1.64 0.00
FENNER___WINDPWR 24204	42.98 0.73 0.00	41.20 0.62 0.00	30.88 0.44 0.00	30.42 0.49 0.00	32.87 0.54 0.00	36.74 0.71 0.00	54.97 1.30 0.00	53.98 1.36 0.00	58.39 1.41 0.00	62.39 1.46 0.00	52.35 1.19 0.00	48.73 1.10 0.00	39.57 0.75 0.00	38.63 0.76 0.00	37.34 0.80 0.00	41.13 0.90 0.00	46.51 1.06 0.00	47.60 1.22 0.00	63.02 1.70 0.00	58.76 1.51 0.00	47.07 1.10 0.00	46.22 0.99 0.00	36.67 0.68 0.00	37.23 0.65 0.00
FIBERTEK___ENERGY 23856	42.03 -0.23 0.00	40.29 -0.29 0.00	30.17 -0.26 0.00	29.70 -0.23 0.00	32.09 -0.25 0.00	35.83 -0.21 0.00	53.53 -0.14 0.00	52.44 -0.18 0.00	56.73 -0.25 0.00	60.64 -0.29 0.00	50.90 -0.25 0.00	47.39 -0.24 0.00	38.59 -0.23 0.00	37.70 -0.17 0.00	36.38 -0.16 0.00	40.01 -0.22 0.00	45.13 -0.33 0.00	46.18 -0.20 0.00	61.22 -0.10 0.00	57.15 -0.11 0.00	45.79 -0.18 0.00	45.00 -0.22 0.00	35.81 -0.18 0.00	36.37 -0.22 0.00
FITZPATRICK___ 23598	41.05 -1.20 0.00	39.37 -1.21 0.00	29.51 -0.93 0.00	29.04 -0.90 0.00	31.37 -0.97 0.00	34.98 -1.05 0.00	52.18 -1.50 0.00	51.11 -1.51 0.00	55.35 -1.63 0.00	59.16 -1.78 0.00	49.68 -1.48 0.00	46.26 -1.37 0.00	37.68 -1.14 0.00	36.78 -1.09 0.00	35.50 -1.04 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.03 -1.35 0.00	59.59 -1.73 0.00	55.64 -1.62 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.94 -1.05 0.00	35.52 -1.07 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.29 1.04 0.00	41.49 0.91 0.00	31.22 0.78 0.00	30.65 0.71 0.00	33.07 0.74 0.00	36.99 0.96 0.00	55.06 1.38 0.00	54.23 1.62 0.00	58.78 1.80 0.00	63.00 2.07 0.00	52.98 1.82 0.00	49.53 1.90 0.00	40.30 1.48 0.00	39.23 1.36 0.00	38.10 1.56 0.00	42.21 1.98 0.00	47.77 2.31 0.00	48.56 2.17 0.00	64.37 3.05 0.00	60.08 2.83 0.00	48.30 2.33 0.00	47.35 2.12 0.00	37.72 1.73 0.00	38.20 1.62 0.00
FORT ORANGE___ 23900	41.66 -0.59 0.00	40.04 -0.54 0.00	30.15 -0.28 0.00	29.64 -0.29 0.00	32.01 -0.32 0.00	35.57 -0.47 0.00	52.74 -0.94 0.00	51.82 -0.79 0.00	56.28 -0.70 0.00	60.16 -0.77 0.00	50.63 -0.52 0.00	47.22 -0.41 0.00	38.36 -0.46 0.00	37.44 -0.43 0.00	36.28 -0.26 0.00	40.15 -0.08 0.00	45.59 0.13 0.00	46.25 -0.13 0.00	60.97 -0.35 0.00	57.17 -0.09 0.00	46.06 0.10 0.00	45.27 0.05 0.00	36.02 0.03 0.00	36.64 0.05 0.00
FORT_DRUM_COGEN 23780	44.09 1.84 0.00	42.38 1.80 0.00	31.72 1.28 0.00	31.27 1.33 0.00	33.83 1.49 0.00	37.91 1.87 0.00	56.98 3.31 0.00	56.07 3.46 0.00	60.66 3.69 0.00	64.58 3.64 0.00	53.67 2.51 0.00	49.81 2.18 0.00	40.53 1.71 0.00	39.46 1.60 0.00	37.97 1.43 0.00	41.65 1.42 0.00	46.45 1.00 0.00	48.06 1.68 0.00	64.94 3.62 0.00	60.86 3.60 0.00	48.39 2.42 0.00	47.40 2.17 0.00	37.28 1.29 0.00	37.91 1.32 0.00
FOX_HILLS___ESR 323835	43.02 0.77 0.00	41.22 0.64 0.00	31.21 0.78 0.00	30.51 0.58 0.00	32.83 0.50 0.00	36.72 0.69 0.00	54.33 0.66 0.00	53.40 0.78 0.00	57.95 0.97 0.00	62.25 1.31 0.00	52.33 1.17 0.00	49.19 1.56 0.00	39.99 1.17 0.00	38.96 1.09 0.00	37.88 1.34 0.00	41.89 1.66 0.00	47.41 1.95 0.00	48.13 1.75 0.00	63.82 2.50 0.00	59.58 2.33 0.00	47.86 1.90 0.00	46.92 1.69 0.00	37.61 1.62 0.00	38.13 1.54 0.00
FPL_FAR_ROCK_GT1 24212	43.26 1.01 0.00	41.55 0.97 0.00	31.45 1.01 0.00	30.78 0.85 0.00	33.14 0.81 0.00	36.93 0.90 0.00	54.76 1.09 0.00	54.38 1.77 0.00	58.95 1.98 0.00	63.20 2.27 0.00	53.11 1.95 0.00	49.45 1.81 0.00	40.55 1.72 0.00	39.53 1.66 0.00	38.46 1.92 0.00	42.33 2.10 0.00	48.10 2.65 0.00	48.56 2.18 0.00	64.27 2.95 0.00	60.07 2.76 -0.06	48.50 2.53 0.00	47.48 2.25 0.00	38.07 2.08 0.00	38.62 2.03 0.00
FPL_FAR_ROCK_GT2 23815	43.26 1.01 0.00	41.55 0.97 0.00	31.45 1.01 0.00	30.78 0.85 0.00	33.14 0.81 0.00	36.93 0.90 0.00	54.76 1.09 0.00	54.38 1.77 0.00	58.95 1.98 0.00	63.20 2.27 0.00	53.11 1.95 0.00	49.45 1.81 0.00	40.55 1.72 0.00	39.53 1.66 0.00	38.46 1.92 0.00	42.33 2.10 0.00	48.10 2.65 0.00	48.56 2.18 0.00	64.27 2.95 0.00	60.07 2.76 -0.06	48.50 2.53 0.00	47.48 2.25 0.00	38.07 2.08 0.00	38.62 2.03 0.00
FRANKLIN_FALL_HYD 24054	43.98 1.73 0.00	42.36 1.78 0.00	31.60 1.16 0.00	31.17 1.24 0.00	33.72 1.39 0.00	37.56 1.52 0.00	55.88 2.20 0.00	54.83 2.21 0.00	59.28 2.31 0.00	63.30 2.37 0.00	52.92 1.76 0.00	48.99 1.36 0.00	40.12 1.30 0.00	39.17 1.30 0.00	37.67 1.14 0.00	41.71 1.49 0.00	46.32 0.86 0.00	47.10 0.72 0.00	62.37 1.05 0.00	58.29 1.04 0.00	46.69 0.72 0.00	46.00 0.77 0.00	36.48 0.49 0.00	36.89 0.30 0.00

FREEPORT_EQUS_GT1 23764	42.89 0.64 0.00	41.24 0.66 0.00	31.22 0.78 0.00	30.54 0.60 0.00	32.85 0.52 0.00	36.54 0.51 0.00	54.05 0.37 0.00	53.80 1.19 0.00	58.34 1.36 0.00	62.49 1.56 0.00	52.42 1.26 0.00	48.79 1.16 0.00	40.16 1.34 0.00	39.14 1.27 0.00	38.11 1.57 0.00	41.91 1.68 0.00	47.64 2.19 0.00	48.11 1.73 0.00	63.46 2.14 0.00	59.36 2.06 -0.05	47.99 2.02 0.00	47.02 1.79 0.00	37.74 1.75 0.00	38.30 1.71 0.00
FREEPORT___CT2 23818	42.89 0.64 0.00	41.24 0.66 0.00	31.22 0.78 0.00	30.54 0.60 0.00	32.85 0.52 0.00	36.54 0.51 0.00	54.05 0.37 0.00	53.80 1.19 0.00	58.34 1.36 0.00	62.49 1.56 0.00	52.42 1.26 0.00	48.79 1.16 0.00	40.16 1.34 0.00	39.14 1.27 0.00	38.11 1.57 0.00	41.91 1.68 0.00	47.64 2.19 0.00	48.11 1.73 0.00	63.46 2.14 0.00	59.36 2.06 -0.05	47.99 2.02 0.00	47.02 1.79 0.00	37.74 1.75 0.00	38.30 1.71 0.00
FRESHKLS_33_KV_LOAD 356253	43.02 0.77 0.00	41.20 0.62 0.00	31.24 0.80 0.00	30.53 0.59 0.00	32.83 0.50 0.00	36.73 0.69 0.00	54.26 0.58 0.00	53.27 0.66 0.00	57.81 0.83 0.00	62.09 1.16 0.00	52.19 1.03 0.00	49.09 1.46 0.00	39.89 1.06 0.00	38.87 1.00 0.00	37.80 1.26 0.00	41.79 1.57 0.00	47.33 1.88 0.00	48.05 1.67 0.00	63.76 2.44 0.00	59.57 2.32 0.00	47.85 1.89 0.00	46.88 1.66 0.00	37.60 1.61 0.00	38.12 1.54 0.00
FULTON COGEN____ 23766	41.39 -0.86 0.00	39.69 -0.89 0.00	29.74 -0.70 0.00	29.27 -0.66 0.00	31.61 -0.73 0.00	35.27 -0.76 0.00	52.66 -1.01 0.00	51.61 -1.01 0.00	55.88 -1.10 0.00	59.72 -1.21 0.00	50.13 -1.02 0.00	46.66 -0.97 0.00	38.03 -0.80 0.00	37.12 -0.75 0.00	35.81 -0.73 0.00	39.36 -0.86 0.00	44.40 -1.05 0.00	45.46 -0.92 0.00	60.22 -1.10 0.00	56.26 -0.99 0.00	45.09 -0.87 0.00	44.35 -0.87 0.00	35.29 -0.70 0.00	35.86 -0.73 0.00
FULTON___LFGE 323630	43.29 1.04 0.00	41.55 0.97 0.00	31.14 0.71 0.00	30.60 0.67 0.00	33.11 0.78 0.00	37.01 0.97 0.00	55.37 1.70 0.00	54.47 1.85 0.00	58.69 1.71 0.00	62.66 1.73 0.00	52.37 1.22 0.00	48.57 0.94 0.00	39.54 0.71 0.00	38.47 0.60 0.00	37.23 0.69 0.00	41.32 1.09 0.00	46.77 1.32 0.00	47.96 1.58 0.00	63.58 2.26 0.00	59.31 2.06 0.00	47.60 1.63 0.00	46.70 1.47 0.00	37.05 1.06 0.00	37.60 1.01 0.00
G.F.CEMENT___DRP 24184	43.33 1.08 0.00	41.63 1.05 0.00	31.28 0.85 0.00	30.81 0.87 0.00	33.31 0.97 0.00	37.16 1.12 0.00	55.25 1.57 0.00	54.27 1.65 0.00	59.03 2.05 0.00	63.09 2.15 0.00	52.86 1.70 0.00	49.14 1.51 0.00	39.78 0.96 0.00	38.86 0.99 0.00	37.51 0.97 0.00	41.84 1.61 0.00	47.50 2.05 0.00	48.45 2.07 0.00	63.92 2.60 0.00	59.63 2.37 0.00	48.05 2.08 0.00	47.15 1.92 0.00	37.32 1.33 0.00	37.84 1.25 0.00
GARDENVILLE___LBMP 24039	43.36 1.11 0.00	41.57 0.99 0.00	30.85 0.42 0.00	30.41 0.48 0.00	32.79 0.46 0.00	36.45 0.41 0.00	54.51 0.84 0.00	52.66 0.05 0.00	56.99 0.02 0.00	60.93 0.00 0.00	51.03 -0.13 0.00	47.68 0.05 0.00	38.89 0.07 0.00	38.09 0.22 0.00	36.47 -0.07 0.00	39.32 -0.91 0.00	43.86 -1.59 0.00	45.25 -1.13 0.00	59.70 -1.62 0.00	55.74 -1.51 0.00	44.41 -1.56 0.00	44.07 -1.16 0.00	35.41 -0.58 0.00	36.41 -0.18 0.00
GARDNVLA_35_KV_LD 355827	43.50 1.25 0.00	41.68 1.10 0.00	30.93 0.49 0.00	30.50 0.57 0.00	32.88 0.55 0.00	36.58 0.54 0.00	54.76 1.09 0.00	53.00 0.39 0.00	57.39 0.41 0.00	61.39 0.45 0.00	51.40 0.24 0.00	48.06 0.42 0.00	39.20 0.38 0.00	38.40 0.53 0.00	36.78 0.24 0.00	39.71 -0.51 0.00	44.32 -1.13 0.00	45.67 -0.71 0.00	60.21 -1.11 0.00	56.20 -1.05 0.00	44.77 -1.20 0.00	44.42 -0.80 0.00	35.65 -0.34 0.00	36.63 0.04 0.00
GELCKHM___115KV_LOAD 80723	41.80 -0.46 0.00	40.06 -0.52 0.00	30.01 -0.42 0.00	29.54 -0.39 0.00	31.91 -0.42 0.00	35.61 -0.42 0.00	53.16 -0.51 0.00	52.07 -0.54 0.00	56.39 -0.59 0.00	60.27 -0.67 0.00	50.60 -0.55 0.00	47.12 -0.51 0.00	38.38 -0.44 0.00	37.48 -0.39 0.00	36.17 -0.37 0.00	39.77 -0.46 0.00	44.86 -0.59 0.00	45.89 -0.49 0.00	60.80 -0.52 0.00	56.74 -0.52 0.00	45.47 -0.49 0.00	44.72 -0.51 0.00	35.59 -0.40 0.00	36.17 -0.42 0.00
GENERAL___MILLS 23808	43.38 1.13 0.00	41.59 1.01 0.00	30.86 0.42 0.00	30.42 0.49 0.00	32.81 0.47 0.00	36.48 0.44 0.00	54.60 0.93 0.00	52.80 0.18 0.00	57.16 0.18 0.00	61.13 0.20 0.00	51.19 0.03 0.00	47.84 0.21 0.00	39.02 0.20 0.00	38.24 0.37 0.00	36.62 0.09 0.00	39.53 -0.70 0.00	44.11 -1.35 0.00	45.44 -0.94 0.00	59.90 -1.42 0.00	55.93 -1.33 0.00	44.55 -1.42 0.00	44.21 -1.01 0.00	35.51 -0.48 0.00	36.50 -0.08 0.00
GE_PLASTICS___DRP 24183	41.45 -0.81 0.00	39.81 -0.77 0.00	29.98 -0.46 0.00	29.47 -0.46 0.00	31.83 -0.51 0.00	35.48 -0.56 0.00	52.61 -1.06 0.00	51.62 -1.00 0.00	-24.50 -0.94 80.53	48.13 -0.96 11.85	50.52 -0.64 0.00	47.11 -0.52 0.00	38.30 -0.52 0.00	37.37 -0.50 0.00	36.19 -0.35 0.00	40.03 -0.20 0.00	45.29 -0.17 0.00	45.99 -0.39 0.00	60.77 -0.55 0.00	56.69 -0.56 0.00	45.69 -0.28 0.00	44.94 -0.29 0.00	35.78 -0.21 0.00	36.42 -0.17 0.00
GILBOA___1 23756	42.51 0.26 0.00	40.73 0.15 0.00	30.66 0.23 0.00	30.14 0.21 0.00	32.53 0.19 0.00	36.16 0.13 0.00	53.76 0.08 0.00	52.63 0.02 0.00	56.95 -0.03 0.00	61.06 0.12 0.00	51.50 0.34 0.00	48.07 0.44 0.00	39.11 0.29 0.00	38.14 0.27 0.00	36.92 0.38 0.00	40.82 0.59 0.00	46.15 0.69 0.00	46.83 0.45 0.00	61.78 0.45 0.00	57.70 0.45 0.00	46.55 0.58 0.00	45.83 0.60 0.00	36.49 0.50 0.00	37.08 0.49 0.00
GILBOA___2 23757	42.51 0.26 0.00	40.73 0.15 0.00	30.66 0.23 0.00	30.14 0.21 0.00	32.53 0.19 0.00	36.16 0.13 0.00	53.76 0.08 0.00	52.63 0.02 0.00	56.95 -0.03 0.00	61.06 0.12 0.00	51.50 0.34 0.00	48.07 0.44 0.00	39.11 0.29 0.00	38.14 0.27 0.00	36.92 0.38 0.00	40.82 0.59 0.00	46.15 0.69 0.00	46.83 0.45 0.00	61.78 0.45 0.00	57.70 0.45 0.00	46.55 0.58 0.00	45.83 0.60 0.00	36.49 0.50 0.00	37.08 0.49 0.00
GILBOA___3 23758	42.51 0.26 0.00	40.73 0.15 0.00	30.66 0.23 0.00	30.14 0.21 0.00	32.53 0.19 0.00	36.16 0.13 0.00	53.76 0.08 0.00	52.63 0.02 0.00	56.95 -0.03 0.00	61.06 0.12 0.00	51.50 0.34 0.00	48.07 0.44 0.00	39.11 0.29 0.00	38.14 0.27 0.00	36.92 0.38 0.00	40.82 0.59 0.00	46.15 0.69 0.00	46.83 0.45 0.00	61.78 0.45 0.00	57.70 0.45 0.00	46.55 0.58 0.00	45.83 0.60 0.00	36.49 0.50 0.00	37.08 0.49 0.00
GILBOA___4 23759	42.51 0.26 0.00	40.73 0.15 0.00	30.66 0.23 0.00	30.14 0.21 0.00	32.53 0.19 0.00	36.16 0.13 0.00	53.76 0.08 0.00	52.63 0.02 0.00	56.95 -0.03 0.00	61.06 0.12 0.00	51.50 0.34 0.00	48.07 0.44 0.00	39.11 0.29 0.00	38.14 0.27 0.00	36.92 0.38 0.00	40.82 0.59 0.00	46.15 0.69 0.00	46.83 0.45 0.00	61.78 0.45 0.00	57.70 0.45 0.00	46.55 0.58 0.00	45.83 0.60 0.00	36.49 0.50 0.00	37.08 0.49 0.00

GILBOA____ 23599	42.51 0.26 0.00	40.73 0.15 0.00	30.66 0.22 0.00	30.14 0.21 0.00	32.53 0.19 0.00	36.16 0.12 0.00	53.76 0.08 0.00	52.63 0.02 0.00	56.95 -0.03 0.00	61.06 0.12 0.00	51.49 0.33 0.00	48.08 0.44 0.00	39.11 0.29 0.00	38.14 0.27 0.00	36.92 0.38 0.00	40.82 0.59 0.00	46.15 0.69 0.00	46.83 0.45 0.00	61.78 0.45 0.00	57.70 0.45 0.00	46.55 0.58 0.00	45.83 0.60 0.00	36.49 0.50 0.00	37.08 0.49 0.00
GINNA____ 23603	40.84 -1.41 0.00	39.14 -1.44 0.00	29.23 -1.21 0.00	28.77 -1.16 0.00	31.08 -1.25 0.00	34.68 -1.35 0.00	51.97 -1.71 0.00	50.80 -1.81 0.00	55.01 -1.97 0.00	58.64 -2.29 0.00	49.28 -1.88 0.00	45.88 -1.75 0.00	37.36 -1.46 0.00	36.45 -1.42 0.00	35.07 -1.47 0.00	38.28 -1.94 0.00	43.15 -2.31 0.00	44.44 -1.94 0.00	58.72 -2.60 0.00	54.79 -2.46 0.00	43.76 -2.21 0.00	43.13 -2.10 0.00	34.40 -1.59 0.00	35.07 -1.52 0.00
GLEN PARK____ 23778	44.25 2.00 0.00	42.52 1.94 0.00	31.83 1.39 0.00	31.37 1.44 0.00	33.95 1.61 0.00	38.04 2.01 0.00	57.23 3.55 0.00	56.32 3.71 0.00	60.93 3.95 0.00	64.84 3.91 0.00	53.80 2.65 0.00	49.93 2.30 0.00	40.63 1.80 0.00	39.54 1.67 0.00	38.04 1.50 0.00	41.70 1.47 0.00	46.42 0.97 0.00	48.16 1.79 0.00	65.28 3.96 0.00	61.22 3.97 0.00	48.66 2.69 0.00	47.65 2.42 0.00	37.46 1.47 0.00	38.07 1.48 0.00
GLENDALE_27_KV_LOAD 356172	43.29 1.04 0.00	41.51 0.93 0.00	31.36 0.92 0.00	30.73 0.80 0.00	33.13 0.79 0.00	37.06 1.02 0.00	54.93 1.25 0.00	54.02 1.41 0.00	58.58 1.60 0.00	62.92 1.99 0.00	52.96 1.80 0.00	49.68 2.05 0.00	40.51 1.69 0.00	39.44 1.58 0.00	38.34 1.80 0.00	42.41 2.17 0.00	47.95 2.49 0.00	48.69 2.31 0.00	64.37 3.05 0.00	60.01 2.76 0.00	48.21 2.24 0.00	47.29 2.07 0.00	37.89 1.90 0.00	38.40 1.81 0.00
GLENWOOD_IC_1_G5 23712	43.04 0.78 0.00	41.31 0.73 0.00	31.22 0.78 0.00	30.59 0.65 0.00	32.96 0.62 0.00	36.78 0.74 0.00	54.62 0.95 0.00	53.99 1.38 0.00	58.54 1.56 0.00	62.81 1.87 0.00	52.83 1.67 0.00	49.28 1.65 0.00	40.32 1.50 0.00	39.28 1.41 0.00	38.20 1.66 0.00	42.14 1.91 0.00	47.78 2.32 0.00	48.37 1.99 0.00	64.02 2.71 0.00	59.85 2.53 -0.06	48.15 2.18 0.00	47.17 1.94 0.00	37.76 1.76 0.00	38.30 1.71 0.00
GLENWOOD_IC_2_G1 23688	42.94 0.69 0.00	41.20 0.62 0.00	31.11 0.67 0.00	30.50 0.56 0.00	32.88 0.54 0.00	36.71 0.67 0.00	54.52 0.84 0.00	53.80 1.18 0.00	58.33 1.35 0.00	62.58 1.64 0.00	52.65 1.49 0.00	49.14 1.51 0.00	40.15 1.33 0.00	39.11 1.24 0.00	38.02 1.48 0.00	42.00 1.77 0.00	47.59 2.13 0.00	48.23 1.85 0.00	63.84 2.53 0.00	59.59 2.33 0.00	47.95 1.98 0.00	47.01 1.78 0.00	37.62 1.63 0.00	38.15 1.56 0.00
GLENWOOD_IC_3_G1 23689	42.94 0.69 0.00	41.20 0.62 0.00	31.11 0.67 0.00	30.50 0.56 0.00	32.88 0.54 0.00	36.71 0.67 0.00	54.52 0.84 0.00	53.80 1.18 0.00	58.33 1.35 0.00	62.58 1.64 0.00	52.65 1.49 0.00	49.14 1.51 0.00	40.15 1.33 0.00	39.11 1.24 0.00	38.02 1.48 0.00	42.00 1.77 0.00	47.59 2.13 0.00	48.23 1.85 0.00	63.84 2.53 0.00	59.59 2.33 0.00	47.95 1.98 0.00	47.01 1.78 0.00	37.62 1.63 0.00	38.15 1.56 0.00
GLENWOOD____4 23550	43.04 0.78 0.00	41.31 0.73 0.00	31.22 0.78 0.00	30.59 0.65 0.00	32.96 0.62 0.00	36.78 0.74 0.00	54.62 0.95 0.00	53.99 1.38 0.00	58.54 1.56 0.00	62.81 1.87 0.00	52.83 1.67 0.00	49.28 1.65 0.00	40.32 1.50 0.00	39.28 1.41 0.00	38.20 1.66 0.00	42.14 1.91 0.00	47.78 2.32 0.00	48.37 1.99 0.00	64.02 2.71 0.00	59.85 2.53 -0.06	48.15 2.18 0.00	47.17 1.94 0.00	37.76 1.76 0.00	38.30 1.71 0.00
GLENWOOD____5 23614	43.04 0.78 0.00	41.31 0.73 0.00	31.22 0.78 0.00	30.59 0.65 0.00	32.96 0.62 0.00	36.78 0.74 0.00	54.62 0.95 0.00	53.99 1.38 0.00	58.54 1.56 0.00	62.81 1.87 0.00	52.83 1.67 0.00	49.28 1.65 0.00	40.32 1.50 0.00	39.28 1.41 0.00	38.20 1.66 0.00	42.14 1.91 0.00	47.78 2.32 0.00	48.37 1.99 0.00	64.02 2.71 0.00	59.85 2.53 -0.06	48.15 2.18 0.00	47.17 1.94 0.00	37.76 1.76 0.00	38.30 1.71 0.00
GLOBAL GREEN_PORT_GT1 23814	41.69 -0.56 0.00	40.05 -0.53 0.00	30.58 0.14 0.00	29.87 -0.06 0.00	32.09 -0.25 0.00	35.33 -0.70 0.00	52.38 -1.30 0.00	51.76 -0.85 0.01	55.91 -0.89 0.18	60.51 -0.42 0.00	50.85 -0.31 0.00	47.17 -0.46 0.00	38.80 -0.02 0.00	37.97 0.10 0.00	37.07 0.53 0.00	40.40 0.17 0.00	46.00 0.55 0.00	46.67 0.29 0.00	60.17 0.27 1.42	55.56 0.22 1.91	44.92 0.47 1.51	44.01 0.15 1.37	36.81 0.82 0.00	37.88 1.29 0.00
GLOBE____DSASP 323697	42.63 0.38 0.00	40.95 0.36 0.00	30.40 -0.03 0.00	29.97 0.04 0.00	32.32 -0.01 0.00	35.86 -0.18 0.00	53.57 -0.10 0.00	51.37 -1.24 0.00	55.61 -1.37 0.00	59.34 -1.59 0.00	49.83 -1.33 0.00	46.55 -1.08 0.00	38.09 -0.74 0.00	37.29 -0.58 0.00	35.74 -0.80 0.00	38.50 -1.73 0.00	42.80 -2.66 0.00	43.92 -2.46 0.00	57.64 -3.68 0.00	53.85 -3.40 0.00	43.00 -2.97 0.00	42.86 -2.36 0.00	34.81 -1.18 0.00	35.95 -0.64 0.00
GOETHSLN____LBMP 323567	42.82 0.56 0.00	41.01 0.43 0.00	31.00 0.56 0.00	30.44 0.51 0.00	32.85 0.51 0.00	36.75 0.72 0.00	54.51 0.84 0.00	53.61 1.00 0.00	58.14 1.16 0.00	62.42 1.49 0.00	52.55 1.40 0.00	49.16 1.54 0.00	40.13 1.30 0.00	39.06 1.19 0.00	37.96 1.42 0.00	42.02 1.79 0.00	47.52 2.06 0.00	48.23 1.84 0.00	63.83 2.51 0.00	59.51 2.25 0.00	47.79 1.83 0.00	46.86 1.64 0.00	37.52 1.53 0.00	38.03 1.45 0.00
GOLAH____69_KV_TB 1_2 80279	43.37 1.12 0.00	41.63 1.05 0.00	31.07 0.63 0.00	30.53 0.59 0.00	32.99 0.66 0.00	36.77 0.73 0.00	55.19 1.52 0.00	53.59 0.97 0.00	58.02 1.04 0.00	61.80 0.86 0.00	51.84 0.69 0.00	48.31 0.68 0.00	39.34 0.52 0.00	38.32 0.45 0.00	36.75 0.21 0.00	39.98 -0.25 0.00	44.92 -0.54 0.00	46.35 -0.03 0.00	61.43 0.11 0.00	57.36 0.10 0.00	45.80 -0.16 0.00	45.22 0.00 0.00	36.14 0.15 0.00	36.97 0.38 0.00
GOODYEAR_LAKE_HYD 323669	43.35 1.09 0.00	41.53 0.95 0.00	31.12 0.68 0.00	30.59 0.66 0.00	33.04 0.70 0.00	36.88 0.85 0.00	55.16 1.49 0.00	54.11 1.50 0.00	58.42 1.44 0.00	62.54 1.61 0.00	52.56 1.41 0.00	49.04 1.41 0.00	39.91 1.09 0.00	38.93 1.06 0.00	37.61 1.07 0.00	41.45 1.22 0.00	46.78 1.32 0.00	47.82 1.44 0.00	63.38 2.06 0.00	59.14 1.88 0.00	47.45 1.48 0.00	46.58 1.35 0.00	37.02 1.02 0.00	37.57 0.98 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.79 0.54 0.00	40.99 0.41 0.00	30.60 0.16 0.00	30.15 0.21 0.00	32.52 0.18 0.00	36.28 0.25 0.00	54.22 0.55 0.00	53.02 0.41 0.00	57.16 0.18 0.00	61.18 0.25 0.00	51.32 0.16 0.00	47.94 0.30 0.00	38.97 0.15 0.00	38.17 0.30 0.00	36.82 0.28 0.00	40.48 0.25 0.00	45.66 0.21 0.00	46.80 0.42 0.00	61.98 0.66 0.00	57.88 0.62 0.00	46.33 0.37 0.00	45.50 0.27 0.00	36.20 0.21 0.00	36.77 0.18 0.00

GOUDEY___7 23579	42.79 0.54 0.00	40.99 0.41 0.00	30.60 0.16 0.00	30.15 0.21 0.00	32.52 0.18 0.00	36.28 0.25 0.00	54.22 0.55 0.00	53.02 0.41 0.00	57.16 0.18 0.00	61.18 0.25 0.00	51.32 0.16 0.00	47.94 0.30 0.00	38.97 0.15 0.00	38.17 0.30 0.00	36.82 0.28 0.00	40.48 0.25 0.00	45.66 0.21 0.00	46.80 0.42 0.00	61.98 0.66 0.00	57.88 0.62 0.00	46.33 0.37 0.00	45.50 0.27 0.00	36.20 0.21 0.00	36.77 0.18 0.00
GOUDEY___8 23580	42.79 0.54 0.00	40.99 0.41 0.00	30.60 0.16 0.00	30.15 0.21 0.00	32.52 0.18 0.00	36.28 0.25 0.00	54.22 0.55 0.00	53.02 0.41 0.00	57.16 0.18 0.00	61.18 0.25 0.00	51.32 0.16 0.00	47.94 0.30 0.00	38.97 0.15 0.00	38.17 0.30 0.00	36.82 0.28 0.00	40.48 0.25 0.00	45.66 0.21 0.00	46.80 0.42 0.00	61.98 0.66 0.00	57.88 0.62 0.00	46.33 0.37 0.00	45.50 0.27 0.00	36.20 0.21 0.00	36.77 0.18 0.00
GOWANUS_GT1_1 24077	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT1_2 24078	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT1_3 24079	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT1_4 24080	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT1_5 24084	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT1_6 24111	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00														

GOWANUS_GT2_6 24119	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.52 0.84 0.00	53.61 0.99 0.00	58.18 1.19 0.00	62.47 1.54 0.00	52.56 1.40 0.00	49.31 1.68 0.00	40.14 1.32 0.00	39.10 1.23 0.00	38.00 1.46 0.01	42.04 1.81 0.00	47.57 2.12 0.00	48.30 1.93 0.01	63.98 2.65 0.00	59.71 2.46 0.00	47.95 1.99 0.00	47.03 1.80 0.00	37.70 1.71 0.00	38.21 1.62 0.00
GOWANUS_GT2_7 24120	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.52 0.84 0.00	53.61 0.99 0.00	58.18 1.19 0.00	62.47 1.54 0.00	52.56 1.40 0.00	49.31 1.68 0.00	40.14 1.32 0.00	39.10 1.23 0.00	38.00 1.46 0.01	42.04 1.81 0.00	47.57 2.12 0.00	48.30 1.93 0.01	63.98 2.65 0.00	59.71 2.46 0.00	47.95 1.99 0.00	47.03 1.80 0.00	37.70 1.71 0.00	38.21 1.62 0.00
GOWANUS_GT2_8 24121	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.52 0.84 0.00	53.61 0.99 0.00	58.18 1.19 0.00	62.47 1.54 0.00	52.56 1.40 0.00	49.31 1.68 0.00	40.14 1.32 0.00	39.10 1.23 0.00	38.00 1.46 0.01	42.04 1.81 0.00	47.57 2.12 0.00	48.30 1.93 0.01	63.98 2.65 0.00	59.71 2.46 0.00	47.95 1.99 0.00	47.03 1.80 0.00	37.70 1.71 0.00	38.21 1.62 0.00
GOWANUS_GT3_1 24122	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT3_2 24123	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT3_3 24124	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT3_4 24125	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GOWANUS_GT3_5 24126	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.0														

GOWANUS_GT4_5 24134	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.52 0.84 0.00	53.61 0.99 0.00	58.18 1.19 0.00	62.47 1.54 0.00	52.55 1.39 0.00	49.31 1.68 0.00	40.14 1.32 0.00	39.10 1.23 0.00	38.00 1.46 0.00	42.04 1.81 0.00	47.57 2.12 0.00	48.31 1.93 0.00	63.98 2.66 0.00	59.71 2.46 0.00	47.96 1.99 0.00	47.03 1.80 0.00	37.69 1.70 0.00	38.20 1.62 0.00
GOWANUS_GT4_6 24135	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.52 0.84 0.00	53.61 0.99 0.00	58.18 1.19 0.00	62.47 1.54 0.00	52.55 1.39 0.00	49.31 1.68 0.00	40.14 1.32 0.00	39.10 1.23 0.00	38.00 1.46 0.00	42.04 1.81 0.00	47.57 2.12 0.00	48.31 1.93 0.00	63.98 2.66 0.00	59.71 2.46 0.00	47.96 1.99 0.00	47.03 1.80 0.00	37.69 1.70 0.00	38.20 1.62 0.00
GOWANUS_GT4_7 24136	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.52 0.84 0.00	53.61 0.99 0.00	58.18 1.19 0.00	62.47 1.54 0.00	52.55 1.39 0.00	49.31 1.68 0.00	40.14 1.32 0.00	39.10 1.23 0.00	38.00 1.46 0.00	42.04 1.81 0.00	47.57 2.12 0.00	48.31 1.93 0.00	63.98 2.66 0.00	59.71 2.46 0.00	47.96 1.99 0.00	47.03 1.80 0.00	37.69 1.70 0.00	38.20 1.62 0.00
GOWANUS_GT4_8 24137	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.52 0.84 0.00	53.61 0.99 0.00	58.18 1.19 0.00	62.47 1.54 0.00	52.55 1.39 0.00	49.31 1.68 0.00	40.14 1.32 0.00	39.10 1.23 0.00	38.00 1.46 0.00	42.04 1.81 0.00	47.57 2.12 0.00	48.31 1.93 0.00	63.98 2.66 0.00	59.71 2.46 0.00	47.96 1.99 0.00	47.03 1.80 0.00	37.69 1.70 0.00	38.20 1.62 0.00
GREATVRV_69_KV_BK1 356245	42.98 0.72 0.00	41.29 0.71 0.00	31.35 0.92 0.00	30.63 0.69 0.00	32.89 0.56 0.00	36.45 0.41 0.00	54.07 0.40 0.00	53.35 0.74 0.00	57.82 0.92 0.08	62.15 1.22 0.00	52.29 1.13 0.00	48.53 0.89 0.00	39.93 1.11 0.00	38.99 1.12 0.00	38.06 1.52 0.00	41.70 1.47 0.00	47.47 2.02 0.00	47.98 1.59 0.00	61.75 2.03 1.60	57.08 1.99 2.16	46.16 1.90 1.71	45.30 1.63 1.55	37.67 1.68 0.00	38.41 1.82 0.00
GREENBSH_115KV_TB3 55895	41.48 -0.77 0.00	39.87 -0.71 0.00	30.04 -0.40 0.00	29.53 -0.40 0.00	31.89 -0.44 0.00	35.52 -0.52 0.00	52.65 -1.02 0.00	51.72 -0.89 0.00	56.21 -0.77 0.00	60.10 -0.83 0.00	50.58 -0.58 0.00	47.20 -0.43 0.00	38.34 -0.48 0.00	37.41 -0.46 0.00	36.26 -0.28 0.00	40.11 -0.12 0.00	45.43 -0.02 0.00	46.09 -0.29 0.00	60.86 -0.46 0.00	56.84 -0.42 0.00	45.83 -0.14 0.00	45.05 -0.18 0.00	35.85 -0.15 0.00	36.46 -0.12 0.00
GREENDGE_115KV_TB5 80291	43.27 1.01 0.00	41.46 0.88 0.00	30.87 0.43 0.00	30.43 0.50 0.00	32.85 0.51 0.00	36.70 0.66 0.00	55.05 1.38 0.00	53.76 1.15 0.00	57.94 0.96 0.00	61.88 0.94 0.00	51.76 0.60 0.00	47.80 0.16 0.00	38.96 0.14 0.00	38.32 0.44 0.00	36.77 0.22 0.00	40.02 -0.21 0.00	44.73 -0.73 0.00	46.22 -0.16 0.00	61.47 0.15 0.00	57.43 0.18 0.00	45.83 -0.14 0.00	45.07 -0.16 0.00	36.07 0.08 0.00	36.66 0.07 0.00
GREENIDGE___3 23582	43.27 1.01 0.00	41.46 0.88 0.00	30.87 0.43 0.00	30.43 0.50 0.00	32.85 0.51 0.00	36.70 0.66 0.00	55.05 1.38 0.00	53.76 1.15 0.00	57.94 0.96 0.00	61.88 0.94 0.00	51.76 0.60 0.00	47.80 0.16 0.00	38.96 0.14 0.00	38.32 0.44 0.00	36.77 0.22 0.00	40.02 -0.21 0.00	44.73 -0.73 0.00	46.22 -0.16 0.00	61.47 0.15 0.00	57.43 0.18 0.00	45.83 -0.14 0.00	45.07 -0.16 0.00	36.07 0.08 0.00	36.66 0.07 0.00
GREENIDGE___4 23583	43.27 1.01 0.00	41.45 0.87 0.00	30.87 0.43 0.00	30.43 0.50 0.00	32.85 0.51 0.00	36.70 0.66 0.00	55.06 1.39 0.00	53.76 1.15 0.00	57.94 0.96 0.00	61.88 0.94 0.00	51.75 0.59 0.00	47.80 0.17 0.00	38.96 0.14 0.00	38.32 0.44 0.00	36.77 0.22 0.00	40.02 -0.21 0.00	44.73 -0.72 0.00	46.22 -0.16 0.00	61.47 0.15 0.00	57.43 0.18 0.00	45.83 -0.14 0.00	45.08 -0.15 0.00	36.07 0.08 0.00	36.66 0.07 0.00
GREENLWN_69_KV_BK 3 55738	42.36 0.10 0.00	40.72 0.14 0.00	30.90 0.46 0.00	30.18 0.24 0.00	32.43 0.09 0.00	35.95 -0.09 0.00	53.20 -0.47 0.00	52.49 -0.13 0.00	56.83 -0.16 -0.02	61.21 0.27 0.00	51.49 0.33 0.00	47.75 0.12 0.00	39.28 0.46 0.00	38.32 0.45 0.00	37.41 0.87 0.00	40.96 0.72 0.00	46.57 1.12 0.00	46.99 0.61 0.00	58.36 0.95 3.91	52.92 1.00 5.33	42.78 1.00 4.18	42.19 0.76 3.79	36.97 0.98 0.00	37.62 1.03 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00
GRISSOM___SOLAR 323813	43.34 1.09 0.00	41.59 1.01 0.00	31.19 0.76 0.00	30.65 0.72 0.00	33.17 0.83 0.00	37.05 1.01 0.00	55.39 1.72 0.00	54.49 1.87 0.00	58.71 1.73 0.00	62.68 1.75 0.00	52.36 1.21 0.00	48.56 0.92 0.00	39.50 0.68 0.00	38.43 0.56 0.00	37.24 0.70 0.00	41.39 1.16 0.00	46.86 1.41 0.00	48.03 1.65 0.00	63.63 2.31 0.00	59.38 2.12 0.00	47.67 1.71 0.00	46.78 1.56 0.00	37.12 1.13 0.00	37.67 1.09 0.00
GROVEVILLE___HYD 323602	43.29 1.04 0.00	41.49 0.91 0.00	31.22 0.78 0.00	30.65 0.71 0.00	33.07 0.74 0.00	36.99 0.96 0.00	55.06 1.38 0.00	54.23 1.62 0.00	58.78 1.80 0.00	63.00 2.07 0.00	52.98 1.82 0.00	49.53 1.90 0.00	40.30 1.48 0.00	39.23 1.36 0.00	38.10 1.56 0.00	42.21 1.98 0.00	47.77 2.31 0.00	48.56 2.17 0.00	64.37 3.05 0.00	60.08 2.83 0.00	48.30 2.33 0.00	47.35 2.12 0.00	37.72 1.73 0.00	38.20 1.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.03 -0.23 0.00	40.29 -0.29 0.00	30.17 -0.26 0.00	29.70 -0.23 0.00	32.09 -0.25 0.00	35.83 -0.21 0.00	53.53 -0.14 0.00	52.44 -0.18 0.00	56.73 -0.25 0.00	60.64 -0.29 0.00	50.90 -0.25 0.00	47.39 -0.24 0.00	38.59 -0.23 0.00	37.70 -0.17 0.00	36.38 -0.16 0.00	40.01 -0.22 0.00	45.13 -0.33 0.00	46.18 -0.20 0.00	61.22 -0.10 0.00	57.15 -0.11 0.00	45.79 -0.18 0.00	45.00 -0.22 0.00	35.81 -0.18 0.00	36.37 -0.22 0.00
HAMLTNNY_34_KV_TB 80303	42.24 -0.02 0.00	40.48 -0.09 0.00	30.30 -0.14 0.00	29.83 -0.10 0.00	32.22 -0.11 0.00	35.99 -0.04 0.00	53.81 0.13 0.00	52.73 0.12 0.00	57.07 0.09 0.00	60.89 -0.04 0.00	51.14 -0.02 0.00	47.58 -0.05 0.00	38.71 -0.11 0.00	37.82 -0.05 0.00	36.51 -0.03 0.00	40.12 -0.11 0.00	45.18 -0.28 0.00	46.25 -0.13 0.00	61.45 0.13 0.00	57.37 0.11 0.00	45.93 -0.04 0.00	45.15 -0.08 0.00	35.92 -0.07 0.00	36.50 -0.09 0.00

HAMPSHIRE___PAPER_HYD 323593	43.94 1.69 0.00	42.31 1.73 0.00	31.65 1.21 0.00	31.14 1.21 0.00	33.70 1.37 0.00	37.69 1.65 0.00	56.38 2.71 0.00	55.38 2.77 0.00	59.88 2.90 0.00	63.83 2.90 0.00	53.25 2.09 0.00	49.42 1.80 0.00	40.29 1.47 0.00	39.24 1.37 0.00	37.72 1.18 0.00	41.36 1.13 0.00	46.23 0.77 0.00	47.27 0.89 0.00	63.21 1.89 0.00	59.13 1.88 0.00	47.38 1.41 0.00	46.64 1.41 0.00	36.96 0.97 0.00	37.57 0.98 0.00
HARDSCRABBLE_WT_PWR 323673	43.57 1.31 0.00	41.92 1.34 0.00	31.41 0.98 0.00	30.90 0.97 0.00	33.49 1.16 0.00	37.37 1.34 0.00	55.79 2.12 0.00	54.92 2.30 0.00	59.18 2.20 0.00	62.97 2.04 0.00	52.78 1.62 0.00	49.08 1.45 0.00	39.76 0.94 0.00	38.82 0.95 0.00	37.58 1.04 0.00	41.84 1.61 0.00	47.45 2.00 0.00	48.48 2.10 0.00	64.31 2.99 0.00	59.88 2.63 0.00	48.25 2.29 0.00	47.39 2.16 0.00	37.53 1.54 0.00	38.08 1.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.23 0.97 0.00	41.44 0.86 0.00	31.12 0.68 0.00	30.55 0.62 0.00	32.98 0.64 0.00	36.91 0.88 0.00	55.02 1.35 0.00	54.21 1.60 0.00	58.68 1.70 0.00	62.89 1.96 0.00	52.85 1.69 0.00	49.42 1.79 0.00	40.22 1.39 0.00	39.15 1.28 0.00	38.02 1.49 0.00	42.17 1.94 0.00	47.73 2.28 0.00	48.55 2.17 0.00	64.52 3.19 0.00	60.24 2.98 0.00	48.35 2.39 0.00	47.36 2.13 0.00	37.72 1.72 0.00	38.19 1.60 0.00
HARSNRAD_115KV_TB1 81005	43.11 0.86 0.00	41.35 0.77 0.00	30.71 0.28 0.00	30.27 0.34 0.00	32.65 0.32 0.00	36.24 0.21 0.00	54.09 0.42 0.00	52.10 -0.51 0.00	56.49 -0.49 0.00	60.24 -0.70 0.00	50.56 -0.60 0.00	47.22 -0.41 0.00	38.58 -0.24 0.00	37.75 -0.12 0.00	36.16 -0.38 0.00	38.93 -1.30 0.00	43.35 -2.11 0.00	44.65 -1.73 0.00	58.79 -2.53 0.00	54.92 -2.33 0.00	43.82 -2.15 0.00	43.61 -1.61 0.00	35.14 -0.85 0.00	36.30 -0.28 0.00
HARZA MOOSE___RIVER 24016	43.51 1.25 0.00	41.82 1.24 0.00	31.32 0.89 0.00	30.83 0.90 0.00	33.35 1.02 0.00	37.32 1.29 0.00	55.88 2.20 0.00	54.90 2.29 0.00	59.42 2.44 0.00	63.38 2.45 0.00	53.04 1.88 0.00	49.31 1.68 0.00	40.08 1.26 0.00	39.10 1.23 0.00	37.68 1.14 0.00	41.51 1.28 0.00	46.76 1.30 0.00	47.97 1.58 0.00	63.84 2.52 0.00	59.62 2.37 0.00	47.64 1.68 0.00	46.72 1.49 0.00	36.93 0.94 0.00	37.54 0.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.76 -0.49 0.00	40.04 -0.54 0.00	29.98 -0.46 0.00	29.52 -0.42 0.00	31.87 -0.47 0.00	35.57 -0.47 0.00	53.09 -0.58 0.00	52.00 -0.61 0.00	56.29 -0.69 0.00	60.17 -0.76 0.00	50.54 -0.61 0.00	47.08 -0.55 0.00	38.34 -0.48 0.00	37.45 -0.42 0.00	36.14 -0.40 0.00	39.74 -0.49 0.00	44.85 -0.60 0.00	45.88 -0.50 0.00	60.74 -0.58 0.00	56.69 -0.56 0.00	45.43 -0.54 0.00	44.68 -0.55 0.00	35.58 -0.41 0.00	36.15 -0.44 0.00
HELLGATE_13_KV_LD 55870	43.35 1.10 0.00	41.56 0.98 0.00	31.41 0.97 0.00	30.78 0.85 0.00	33.19 0.85 0.00	37.11 1.08 0.00	55.00 1.32 0.00	54.13 1.51 0.00	58.69 1.71 0.00	63.03 2.09 0.00	53.05 1.89 0.00	49.77 2.14 0.00	40.58 1.75 0.00	39.49 1.62 0.00	38.39 1.85 0.00	42.45 2.22 0.00	48.00 2.55 0.00	48.74 2.36 0.00	64.43 3.11 0.00	60.09 2.84 0.00	48.26 2.29 0.00	47.34 2.12 0.00	37.93 1.94 0.00	38.44 1.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.35 1.10 0.00	41.56 0.98 0.00	31.41 0.97 0.00	30.78 0.85 0.00	33.19 0.85 0.00	37.11 1.08 0.00	55.00 1.32 0.00	54.13 1.51 0.00	58.69 1.71 0.00	63.03 2.09 0.00	53.05 1.89 0.00	49.77 2.14 0.00	40.58 1.75 0.00	39.49 1.62 0.00	38.39 1.85 0.00	42.45 2.22 0.00	48.00 2.55 0.00	48.74 2.36 0.00	64.43 3.11 0.00	60.09 2.84 0.00	48.26 2.29 0.00	47.34 2.12 0.00	37.93 1.94 0.00	38.44 1.85 0.00
HEMPSTEAD___ 23647	42.68 0.43 0.00	41.01 0.43 0.00	31.05 0.61 0.00	30.39 0.46 0.00	32.71 0.38 0.00	36.43 0.39 0.00	54.05 0.38 0.00	53.57 0.96 0.00	58.10 1.13 0.00	62.32 1.39 0.00	52.37 1.22 0.00	48.74 1.11 0.00	40.03 1.20 0.00	39.00 1.13 0.00	37.95 1.41 0.00	41.79 1.56 0.00	47.45 2.00 0.00	47.98 1.59 0.00	63.42 2.10 0.00	59.28 1.98 0.00	47.79 1.82 0.00	46.81 1.58 0.00	37.54 1.55 0.00	38.10 1.51 0.00
HICKLING___1 23621	43.35 1.10 0.00	41.51 0.93 0.00	30.82 0.38 0.00	30.43 0.50 0.00	32.80 0.47 0.00	36.61 0.58 0.00	54.91 1.24 0.00	53.53 0.92 0.00	57.48 0.50 0.00	61.48 0.54 0.00	51.34 0.19 0.00	48.02 0.38 0.00	38.99 0.17 0.00	38.35 0.48 0.00	36.80 0.26 0.00	40.13 -0.10 0.00	45.10 -0.35 0.00	46.63 0.25 0.00	61.93 0.61 0.00	57.78 0.52 0.00	46.05 0.08 0.00	45.22 -0.01 0.00	35.96 -0.03 0.00	36.52 -0.07 0.00
HICKLING___2 23622	43.35 1.10 0.00	41.51 0.93 0.00	30.82 0.38 0.00	30.43 0.50 0.00	32.80 0.47 0.00	36.61 0.58 0.00	54.91 1.24 0.00	53.53 0.92 0.00	57.48 0.50 0.00	61.48 0.54 0.00	51.34 0.19 0.00	48.02 0.38 0.00	38.99 0.17 0.00	38.35 0.48 0.00	36.80 0.26 0.00	40.13 -0.10 0.00	45.10 -0.35 0.00	46.63 0.25 0.00	61.93 0.61 0.00	57.78 0.52 0.00	46.05 0.08 0.00	45.22 -0.01 0.00	35.96 -0.03 0.00	36.52 -0.07 0.00
HIGH FALLS___HY 23754	43.63 1.38 0.00	41.77 1.19 0.00	31.39 0.96 0.00	30.81 0.88 0.00	33.25 0.92 0.00	37.18 1.14 0.00	55.45 1.78 0.00	54.68 2.06 0.00	51.89 2.20 7.29	62.33 2.46 1.07	53.22 2.06 0.00	49.67 2.04 0.00	40.35 1.52 0.00	39.00 1.14 0.00	37.89 1.36 0.00	42.05 1.82 0.00	47.67 2.22 0.00	48.56 2.18 0.00	64.54 3.22 0.00	60.69 3.44 0.00	48.73 2.76 0.00	47.74 2.51 0.00	37.98 1.99 0.00	38.38 1.80 0.00
HIGH_RIVER___SOLAR 323847	43.22 0.97 0.00	41.47 0.89 0.00	31.11 0.67 0.00	30.58 0.64 0.00	33.07 0.73 0.00	36.91 0.88 0.00	55.15 1.48 0.00	54.19 1.58 0.00	58.33 1.35 0.00	62.06 1.13 0.00	51.90 0.74 0.00	48.14 0.51 0.00	39.21 0.39 0.00	38.16 0.29 0.00	36.89 0.35 0.00	41.02 0.80 0.00	46.55 1.10 0.00	47.76 1.38 0.00	63.36 2.04 0.00	59.09 1.84 0.00	47.45 1.48 0.00	46.58 1.36 0.00	36.96 0.97 0.00	37.54 0.95 0.00
HILLBURN___GT 23639	42.99 0.73 0.00	41.21 0.63 0.00	30.96 0.53 0.00	30.40 0.47 0.00	32.80 0.46 0.00	36.73 0.70 0.00	54.73 1.06 0.00	53.94 1.32 0.00	58.38 1.40 0.00	62.56 1.63 0.00	52.58 1.42 0.00	49.18 1.55 0.00	40.03 1.21 0.00	38.96 1.09 0.00	37.85 1.31 0.00	41.96 1.73 0.00	47.51 2.05 0.00	48.29 1.92 0.00	64.21 2.89 0.00	59.92 2.67 0.00	48.11 2.14 0.00	47.12 1.89 0.00	37.55 1.56 0.00	38.03 1.44 0.00
HILLSIDE_115KV_TB1 80332	42.71 0.46 0.00	40.87 0.28 0.00	30.36 -0.08 0.00	29.97 0.04 0.00	32.28 -0.05 0.00	36.05 0.02 0.00	54.00 0.33 0.00	52.70 0.09 0.00	56.55 -0.43 0.00	60.51 -0.42 0.00	50.58 -0.58 0.00	47.38 -0.26 0.00	38.42 -0.41 0.00	37.81 -0.06 0.00	36.35 -0.19 0.00	39.80 -0.43 0.00	44.79 -0.66 0.00	46.18 -0.20 0.00	61.27 -0.05 0.00	57.20 -0.05 0.00	45.64 -0.33 0.00	44.79 -0.44 0.00	35.59 -0.40 0.00	36.15 -0.44 0.00

HISHELDN_WT_PWR 323625	43.23 0.97 0.00	41.45 0.87 0.00	30.77 0.33 0.00	30.35 0.42 0.00	32.73 0.39 0.00	36.38 0.35 0.00	54.41 0.74 0.00	52.62 0.01 0.00	56.84 -0.14 0.00	60.67 -0.26 0.00	50.66 -0.49 0.00	47.37 -0.26 0.00	38.60 -0.22 0.00	37.77 -0.11 0.00	36.12 -0.42 0.00	38.95 -1.28 0.00	43.51 -1.94 0.00	45.06 -1.32 0.00	59.63 -1.69 0.00	55.66 -1.60 0.00	44.35 -1.62 0.00	43.94 -1.28 0.00	35.24 -0.75 0.00	36.12 -0.47 0.00
HOLTSVILLE_IC_1 23690	42.45 0.20 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.61 0.27 0.00	35.96 -0.07 0.00	53.22 -0.45 0.00	52.48 -0.13 0.01	56.60 -0.20 0.18	61.11 0.18 0.00	51.45 0.30 0.00	47.70 0.07 0.00	39.31 0.48 0.00	38.46 0.59 0.00	37.52 0.97 0.00	41.05 0.82 0.00	46.69 1.23 0.00	47.09 0.71 0.00	60.70 0.68 1.30	56.17 0.66 1.74	45.49 0.91 1.39	44.63 0.66 1.26	37.17 1.18 0.00	38.04 1.45 0.00
HOLTSVILLE_IC_10 23699	42.62 0.37 0.00	40.99 0.41 0.00	31.20 0.77 0.00	30.47 0.53 0.00	32.72 0.39 0.00	36.09 0.06 0.00	53.41 -0.26 0.00	52.60 -0.01 0.01	56.74 -0.07 0.17	61.34 0.41 0.00	51.65 0.49 0.00	47.89 0.25 0.00	39.47 0.65 0.00	38.62 0.75 0.00	37.61 1.07 0.00	41.13 0.91 0.00	46.81 1.35 0.00	47.26 0.88 0.00	60.54 0.95 1.73	55.83 0.90 2.33	45.25 1.13 1.85	44.42 0.86 1.67	37.31 1.33 0.00	38.18 1.60 0.00
HOLTSVILLE_IC_2 23691	42.45 0.20 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.61 0.27 0.00	35.96 -0.07 0.00	53.22 -0.45 0.00	52.48 -0.13 0.01	56.60 -0.20 0.18	61.11 0.18 0.00	51.45 0.30 0.00	47.70 0.07 0.00	39.31 0.48 0.00	38.46 0.59 0.00	37.52 0.97 0.00	41.05 0.82 0.00	46.69 1.23 0.00	47.09 0.71 0.00	60.70 0.68 1.30	56.17 0.66 1.74	45.49 0.91 1.39	44.63 0.66 1.26	37.17 1.18 0.00	38.04 1.45 0.00
HOLTSVILLE_IC_3 23692	42.45 0.20 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.61 0.27 0.00	35.96 -0.07 0.00	53.22 -0.45 0.00	52.48 -0.13 0.01	56.60 -0.20 0.18	61.11 0.18 0.00	51.45 0.30 0.00	47.70 0.07 0.00	39.31 0.48 0.00	38.46 0.59 0.00	37.52 0.97 0.00	41.05 0.82 0.00	46.69 1.23 0.00	47.09 0.71 0.00	60.70 0.68 1.30	56.17 0.66 1.74	45.49 0.91 1.39	44.63 0.66 1.26	37.17 1.18 0.00	38.04 1.45 0.00
HOLTSVILLE_IC_4 23693	42.45 0.20 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.61 0.27 0.00	35.96 -0.07 0.00	53.22 -0.45 0.00	52.48 -0.13 0.01	56.60 -0.20 0.18	61.11 0.18 0.00	51.45 0.30 0.00	47.70 0.07 0.00	39.31 0.48 0.00	38.46 0.59 0.00	37.52 0.97 0.00	41.05 0.82 0.00	46.69 1.23 0.00	47.09 0.71 0.00	60.70 0.68 1.30	56.17 0.66 1.74	45.49 0.91 1.39	44.63 0.66 1.26	37.17 1.18 0.00	38.04 1.45 0.00
HOLTSVILLE_IC_5 23694	42.45 0.20 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.61 0.27 0.00	35.96 -0.07 0.00	53.22 -0.45 0.00	52.48 -0.13 0.01	56.60 -0.20 0.18	61.11 0.18 0.00	51.45 0.30 0.00	47.70 0.07 0.00	39.31 0.48 0.00	38.46 0.59 0.00	37.52 0.97 0.00	41.05 0.82 0.00	46.69 1.23 0.00	47.09 0.71 0.00	60.70 0.68 1.30	56.17 0.66 1.74	45.49 0.91 1.39	44.63 0.66 1.26	37.17 1.18 0.00	38.04 1.45 0.00
HOLTSVILLE_IC_6 23695	42.62 0.37 0.00	40.99 0.41 0.00	31.20 0.77 0.00	30.47 0.53 0.00	32.72 0.39 0.00	36.09 0.06 0.00	53.41 -0.26 0.00	52.60 -0.01 0.01	56.74 -0.07 0.17	61.34 0.41 0.00	51.65 0.49 0.00	47.89 0.25 0.00	39.47 0.65 0.00	38.62 0.75 0.00	37.61 1.07 0.00	41.13 0.91 0.00	46.81 1.35 0.00	47.26 0.88 0.00	60.54 0.95 1.73	55.83 0.90 2.33	45.25 1.13 1.85	44.42 0.86 1.67	37.31 1.33 0.00	38.18 1.60 0.00
HOLTSVILLE_IC_7 23696	42.62 0.37 0.00	40.99 0.41 0.00	31.20 0.77 0.00	30.47 0.53 0.00	32.72 0.39 0.00	36.09 0.06 0.00	53.41 -0.26 0.00	52.60 -0.01 0.01	56.74 -0.07 0.17	61.34 0.41 0.00	51.65 0.49 0.00	47.89 0.25 0.00	39.47 0.65 0.00	38.62 0.75 0.00	37.61 1.07 0.00	41.13 0.91 0.00	46.81 1.35 0.00	47.26 0.88 0.00	60.54 0.95 1.73	55.83 0.90 2.33	45.25 1.13 1.85	44.42 0.86 1.67	37.31 1.33 0.00	38.18 1.60 0.00
HOLTSVILLE_IC_8 23697	42.62 0.37 0.00	40.99 0.41 0.00	31.20 0.77 0.00	30.47 0.53 0.00	32.72 0.39 0.00	36.09 0.06 0.00	53.41 -0.26 0.00	52.60 -0.01 0.01	56.74 -0.07 0.17	61.34 0.41 0.00	51.65 0.49 0.00	47.89 0.25 0.00	39.47 0.65 0.00	38.62 0.75 0.00	37.61 1.07 0.00	41.13 0.91 0.00	46.81 1.35 0.00	47.26 0.88 0.00	60.54 0.95 1.73	55.83 0.90 2.33	45.25 1.13 1.85	44.42 0.86 1.67	37.31 1.33 0.00	38.18 1.60 0.00
HOLTSVILLE_IC_9 23698	42.62 0.37 0.00	40.99 0.41 0.00	31.20 0.77 0.00	30.47 0.53 0.00	32.72 0.39 0.00	36.09 0.06 0.00	53.41 -0.26 0.00	52.60 -0.01 0.01	56.74 -0.07 0.17	61.34 0.41 0.00	51.65 0.49 0.00	47.89 0.25 0.00	39.47 0.65 0.00	38.62 0.75 0.00	37.61 1.07 0.00	41.13 0.91 0.00	46.81 1.35 0.00	47.26 0.88 0.00	60.54 0.95 1.73	55.83 0.90 2.33	45.25 1.13 1.85	44.42 0.86 1.67	37.31 1.33 0.00	38.18 1.60 0.00
HOMER_HL_115KV_TB2 355744	43.66 1.40 0.00	41.83 1.25 0.00	30.96 0.52 0.00	30.53 0.60 0.00	32.91 0.57 0.00	36.56 0.53 0.00	54.62 0.95 0.00	54.93 2.31 0.00	61.64 4.66 0.00	65.13 4.20 0.00	51.48 0.33 0.00	48.11 0.48 0.00	39.02 0.19 0.00	38.49 0.61 0.00	36.88 0.34 0.00	39.88 -0.35 0.00	44.78 -0.67 0.00	46.21 -0.17 0.00	61.32 0.00 0.00	57.26 0.01 0.00	45.57 -0.40 0.00	44.87 -0.36 0.00	35.94 -0.05 0.00	36.82 0.23 0.00
HOWARD_WT_PWR 323690	43.42 1.17 0.00	41.75 1.17 0.00	31.00 0.56 0.00	30.54 0.60 0.00	32.92 0.58 0.00	36.64 0.60 0.00	54.80 1.12 0.00	52.94 0.33 0.00	57.10 0.12 0.00	60.93 0.00 0.00	50.53 -0.62 0.00	47.17 -0.46 0.00	38.46 -0.36 0.00	37.71 -0.16 0.00	36.00 -0.54 0.00	38.50 -1.73 0.00	43.03 -2.43 0.00	45.07 -1.32 0.00	59.88 -1.44 0.00	55.75 -1.50 0.00	44.42 -1.55 0.00	43.72 -1.51 0.00	34.82 -1.17 0.00	35.60 -0.98 0.00
HQ_GEN_CEDARS 23644	43.55 1.30 0.00	41.95 1.37 0.00	31.39 0.96 0.00	30.85 0.92 0.00	33.38 1.04 0.00	37.22 1.18 0.00	55.49 1.82 0.00	54.36 1.75 0.00	58.77 1.79 0.00	62.79 1.85 0.00	52.52 1.36 0.00	48.78 1.15 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.38 0.84 0.00	40.75 0.52 0.00	45.90 0.45 0.00	46.89 0.51 0.00	62.07 0.75 0.00	57.98 0.73 0.00	46.48 0.51 0.00	45.82 0.59 0.00	36.47 0.48 0.00	37.11 0.53 0.00
HQ_GEN_CEDARS_PROXY 323590	44.17 1.30 -0.62	41.95 1.37 0.00	31.39 0.96 0.00	30.85 0.92 0.00	32.24 1.04 1.14	37.22 1.18 0.00	56.38 1.81 -0.90	54.36 1.75 0.00	58.77 1.79 0.00	62.79 1.85 0.00	52.52 1.36 0.00	48.78 1.15 0.00	39.87 1.05 0.00	38.88 1.01 0.00	37.38 0.84 0.00	40.75 0.52 0.00	45.90 0.45 0.00	46.89 0.51 0.00	62.08 0.75 0.00	57.98 0.73 0.00	46.48 0.51 0.00	45.26 0.59 0.56	36.47 0.48 0.00	37.11 0.53 0.00

HQ_GEN_IMPORT 323601	44.54 0.57 -1.71	41.19 0.61 0.00	30.86 0.42 0.00	30.34 0.41 0.00	32.79 0.46 0.00	35.23 0.48 1.28	54.40 0.72 0.00	55.29 0.69 -1.99	56.02 0.70 1.65	61.68 0.74 0.00	51.70 0.55 0.00	48.06 0.43 0.00	39.26 0.43 0.00	38.29 0.42 0.00	36.86 0.33 0.00	40.45 0.22 0.00	45.71 0.25 0.00	46.68 0.30 0.00	61.69 0.37 0.00	57.61 0.36 0.00	46.20 0.23 0.00	45.04 0.28 0.47	36.22 0.23 0.00	36.81 0.23 0.00
HQ_GEN_WHEEL 23651	44.54 0.57 -1.71	41.19 0.61 0.00	30.86 0.42 0.00	30.34 0.41 0.00	32.79 0.46 0.00	35.23 0.48 1.28	54.40 0.72 0.00	55.29 0.69 -1.99	56.02 0.70 1.65	61.68 0.74 0.00	51.70 0.55 0.00	48.06 0.43 0.00	39.26 0.43 0.00	38.29 0.42 0.00	36.86 0.33 0.00	40.45 0.22 0.00	45.71 0.25 0.00	46.68 0.30 0.00	61.69 0.37 0.00	57.61 0.36 0.00	46.20 0.23 0.00	45.04 0.28 0.47	36.22 0.23 0.00	36.81 0.23 0.00
HUDSON AVE_GT_3 23810	43.15 0.90 0.00	41.34 0.76 0.00	31.21 0.77 0.00	30.63 0.70 0.00	33.05 0.71 0.00	36.97 0.94 0.00	54.88 1.21 0.00	54.00 1.39 0.00	58.60 1.62 0.00	62.91 1.97 0.00	52.96 1.80 0.00	49.57 1.94 0.00	40.44 1.61 0.00	39.37 1.50 0.00	38.25 1.71 0.00	42.34 2.11 0.00	47.88 2.42 0.00	48.59 2.21 0.00	64.31 2.99 0.00	59.95 2.70 0.00	48.16 2.19 0.00	47.23 2.00 0.00	37.78 1.79 0.00	38.30 1.71 0.00
HUDSON AVE_GT_4 23540	43.15 0.90 0.00	41.34 0.76 0.00	31.21 0.77 0.00	30.63 0.70 0.00	33.05 0.71 0.00	36.97 0.94 0.00	54.88 1.21 0.00	54.00 1.39 0.00	58.60 1.62 0.00	62.91 1.97 0.00	52.96 1.80 0.00	49.57 1.94 0.00	40.44 1.61 0.00	39.37 1.50 0.00	38.25 1.71 0.00	42.34 2.11 0.00	47.88 2.42 0.00	48.59 2.21 0.00	64.31 2.99 0.00	59.95 2.70 0.00	48.16 2.19 0.00	47.23 2.00 0.00	37.78 1.79 0.00	38.30 1.71 0.00
HUDSON AVE_GT_5 23657	43.15 0.90 0.00	41.34 0.76 0.00	31.21 0.77 0.00	30.63 0.70 0.00	33.05 0.71 0.00	36.97 0.94 0.00	54.88 1.21 0.00	54.00 1.39 0.00	58.60 1.62 0.00	62.91 1.97 0.00	52.96 1.80 0.00	49.57 1.94 0.00	40.44 1.61 0.00	39.37 1.50 0.00	38.25 1.71 0.00	42.34 2.11 0.00	47.88 2.42 0.00	48.59 2.21 0.00	64.31 2.99 0.00	59.95 2.70 0.00	48.16 2.19 0.00	47.23 2.00 0.00	37.78 1.79 0.00	38.30 1.71 0.00
HUDSON_AVE_10 24168	42.95 0.70 0.00	41.16 0.58 0.00	31.08 0.64 0.00	30.50 0.56 0.00	32.91 0.57 0.00	36.82 0.78 0.00	54.61 0.94 0.00	53.71 1.10 0.00	58.25 1.28 0.00	62.54 1.61 0.00	52.71 1.55 0.00	49.31 1.68 0.00	40.24 1.42 0.00	39.14 1.27 0.00	38.03 1.49 0.00	42.11 1.88 0.00	47.62 2.16 0.00	48.33 1.95 0.00	63.95 2.63 0.00	59.63 2.38 0.00	47.90 1.93 0.00	46.96 1.73 0.00	37.58 1.59 0.00	38.10 1.52 0.00
HUDSON___115KV_TB 4 355613	42.10 -0.15 0.00	40.43 -0.14 0.00	30.44 0.01 0.00	29.94 0.01 0.00	32.37 0.03 0.00	36.65 0.62 0.00	54.64 0.97 0.00	53.77 1.16 0.00	19.12 1.51 39.38	56.46 1.32 5.79	52.32 1.17 0.00	48.56 0.93 0.00	39.33 0.50 0.00	38.37 0.50 0.00	37.13 0.59 0.00	41.08 0.85 0.00	46.02 0.56 0.00	47.23 0.85 0.00	63.43 2.11 0.00	57.94 0.68 0.00	46.64 0.67 0.00	45.80 0.58 0.00	36.41 0.42 0.00	37.02 0.43 0.00
HUNTER MOUNT___DRP 323613	42.06 -0.19 0.00	40.38 -0.19 0.00	30.41 -0.02 0.00	29.91 -0.02 0.00	32.33 -0.01 0.00	36.41 0.38 0.00	54.25 0.58 0.00	53.41 0.79 0.00	18.26 1.17 39.89	56.00 0.93 5.87	52.00 0.85 0.00	48.27 0.64 0.00	39.09 0.27 0.00	38.18 0.31 0.00	36.94 0.40 0.00	40.89 0.66 0.00	46.01 0.56 0.00	47.09 0.72 0.00	62.95 1.63 0.00	57.86 0.61 0.00	46.58 0.62 0.00	45.76 0.53 0.00	36.35 0.36 0.00	36.98 0.40 0.00
HUNTINGTON_RES_REC 323705	42.40 0.15 0.00	40.78 0.20 0.00	30.98 0.55 0.00	30.25 0.32 0.00	32.49 0.16 0.00	35.95 -0.09 0.00	53.20 -0.48 0.00	52.43 -0.17 0.02	56.41 -0.25 0.32	61.12 0.20 0.01	51.45 0.30 0.00	47.70 0.07 0.00	39.27 0.44 0.00	38.37 0.50 0.00	37.44 0.90 0.00	40.98 0.75 0.00	46.60 1.14 0.00	46.99 0.61 0.00	57.04 0.80 5.08	51.14 0.81 6.92	41.52 0.98 5.43	41.03 0.72 4.92	37.04 1.05 0.00	37.80 1.21 0.00
HUNTLEY___63 23557	43.37 1.12 0.00	41.60 1.02 0.00	30.87 0.43 0.00	30.42 0.49 0.00	32.82 0.48 0.00	36.45 0.42 0.00	54.49 0.82 0.00	52.49 -0.13 0.00	56.85 -0.12 0.00	60.73 -0.21 0.00	50.96 -0.20 0.00	47.61 -0.02 0.00	38.88 0.06 0.00	38.05 0.18 0.00	36.45 -0.09 0.00	39.29 -0.94 0.00	43.76 -1.70 0.00	45.06 -1.32 0.00	59.29 -2.03 0.00	55.36 -1.90 0.00	44.16 -1.81 0.00	43.91 -1.31 0.00	35.44 -0.55 0.00	36.54 -0.04 0.00
HUNTLEY___64 23558	43.37 1.12 0.00	41.60 1.02 0.00	30.87 0.43 0.00	30.42 0.49 0.00	32.82 0.48 0.00	36.45 0.42 0.00	54.49 0.82 0.00	52.49 -0.13 0.00	56.85 -0.12 0.00	60.73 -0.21 0.00	50.96 -0.20 0.00	47.61 -0.02 0.00	38.88 0.06 0.00	38.05 0.18 0.00	36.45 -0.09 0.00	39.29 -0.94 0.00	43.76 -1.70 0.00	45.06 -1.32 0.00	59.29 -2.03 0.00	55.36 -1.90 0.00	44.16 -1.81 0.00	43.91 -1.31 0.00	35.44 -0.55 0.00	36.54 -0.04 0.00
HUNTLEY___65 23559	43.37 1.12 0.00	41.60 1.02 0.00	30.87 0.43 0.00	30.42 0.49 0.00	32.82 0.48 0.00	36.45 0.42 0.00	54.49 0.82 0.00	52.49 -0.13 0.00	56.85 -0.12 0.00	60.73 -0.21 0.00	50.96 -0.20 0.00	47.61 -0.02 0.00	38.88 0.06 0.00	38.05 0.18 0.00	36.45 -0.09 0.00	39.29 -0.94 0.00	43.76 -1.70 0.00	45.06 -1.32 0.00	59.29 -2.03 0.00	55.36 -1.90 0.00	44.16 -1.81 0.00	43.91 -1.31 0.00	35.44 -0.55 0.00	36.54 -0.04 0.00
HUNTLEY___66 23560	43.37 1.12 0.00	41.60 1.02 0.00	30.87 0.43 0.00	30.42 0.49 0.00	32.82 0.48 0.00	36.45 0.42 0.00	54.49 0.82 0.00	52.49 -0.13 0.00	56.85 -0.12 0.00	60.73 -0.21 0.00	50.96 -0.20 0.00	47.61 -0.02 0.00	38.88 0.06 0.00	38.05 0.18 0.00	36.45 -0.09 0.00	39.29 -0.94 0.00	43.76 -1.70 0.00	45.06 -1.32 0.00	59.29 -2.03 0.00	55.36 -1.90 0.00	44.16 -1.81 0.00	43.91 -1.31 0.00	35.44 -0.55 0.00	36.54 -0.04 0.00
HUNTLEY___67 23561	43.03 0.78 0.00	41.28 0.70 0.00	30.64 0.20 0.00	30.21 0.28 0.00	32.57 0.24 0.00	36.18 0.15 0.00	54.10 0.43 0.00	52.22 -0.39 0.00	56.59 -0.39 0.00	60.45 -0.48 0.00	50.67 -0.48 0.00	47.35 -0.29 0.00	38.68 -0.14 0.00	37.92 0.05 0.00	36.33 -0.20 0.00	39.16 -1.07 0.00	43.66 -1.80 0.00	44.89 -1.48 0.00	59.09 -2.23 0.00	55.15 -2.10 0.00	43.97 -2.00 0.00	43.71 -1.52 0.00	35.20 -0.79 0.00	36.26 -0.33 0.00
HUNTLEY___68 23562	43.03 0.78 0.00	41.28 0.70 0.00	30.64 0.20 0.00	30.21 0.28 0.00	32.57 0.24 0.00	36.18 0.15 0.00	54.10 0.43 0.00	52.22 -0.39 0.00	56.59 -0.39 0.00	60.45 -0.48 0.00	50.67 -0.48 0.00	47.35 -0.29 0.00	38.68 -0.14 0.00	37.92 0.05 0.00	36.33 -0.20 0.00	39.16 -1.07 0.00	43.66 -1.80 0.00	44.89 -1.48 0.00	59.09 -2.23 0.00	55.15 -2.10 0.00	43.97 -2.00 0.00	43.71 -1.52 0.00	35.20 -0.79 0.00	36.26 -0.33 0.00

HYLAND___LFGE 323620	45.04 2.79 0.00	43.11 2.53 0.00	32.06 1.62 0.00	31.60 1.66 0.00	34.14 1.80 0.00	38.14 2.11 0.00	57.42 3.74 0.00	56.06 3.44 0.00	60.52 3.55 0.00	64.39 3.46 0.00	53.79 2.63 0.00	50.12 2.49 0.00	40.73 1.90 0.00	39.00 1.13 0.00	36.98 0.44 0.00	40.03 -0.20 0.00	45.01 -0.44 0.00	47.25 0.87 0.00	63.76 2.44 0.00	60.04 2.78 0.00	47.78 1.82 0.00	47.01 1.78 0.00	37.36 1.37 0.00	38.01 1.43 0.00
INDECK___CORINTH 23802	42.72 0.47 0.00	41.04 0.46 0.00	30.84 0.40 0.00	30.36 0.43 0.00	32.83 0.49 0.00	36.60 0.57 0.00	54.46 0.79 0.00	53.51 0.90 0.00	58.15 1.17 0.00	62.15 1.22 0.00	52.09 0.93 0.00	48.46 0.83 0.00	39.25 0.43 0.00	38.31 0.44 0.00	37.01 0.47 0.00	41.23 1.00 0.00	46.81 1.36 0.00	47.74 1.36 0.00	63.00 1.68 0.00	58.78 1.52 0.00	47.34 1.37 0.00	46.45 1.22 0.00	36.78 0.79 0.00	37.29 0.70 0.00
INDECK___ILION 23567	42.93 0.68 0.00	41.26 0.68 0.00	30.94 0.51 0.00	30.44 0.51 0.00	32.93 0.59 0.00	36.73 0.69 0.00	54.78 1.10 0.00	53.83 1.22 0.00	58.15 1.17 0.00	62.01 1.08 0.00	52.03 0.88 0.00	48.43 0.80 0.00	39.33 0.51 0.00	38.38 0.51 0.00	37.12 0.58 0.00	41.16 0.93 0.00	46.62 1.16 0.00	47.60 1.22 0.00	63.05 1.73 0.00	58.79 1.53 0.00	47.29 1.32 0.00	46.47 1.24 0.00	36.87 0.88 0.00	37.43 0.84 0.00
INDECK___OLEAN 23982	43.65 1.40 0.00	41.83 1.25 0.00	30.96 0.52 0.00	30.53 0.60 0.00	32.91 0.57 0.00	36.56 0.53 0.00	54.63 0.95 0.00	54.92 2.31 0.00	61.64 4.65 0.00	65.13 4.20 0.00	51.46 0.31 0.00	48.11 0.48 0.00	39.02 0.19 0.00	38.48 0.61 0.00	36.88 0.34 0.00	39.88 -0.35 0.00	44.78 -0.67 0.00	46.21 -0.17 0.00	61.32 0.00 0.00	57.26 0.01 0.00	45.56 -0.40 0.00	44.87 -0.36 0.00	35.94 -0.05 0.00	36.82 0.23 0.00
INDECK___OSWEGO 23783	40.97 -1.28 0.00	39.29 -1.29 0.00	29.45 -0.99 0.00	28.97 -0.96 0.00	31.30 -1.03 0.00	34.93 -1.11 0.00	52.12 -1.55 0.00	51.05 -1.56 0.00	55.29 -1.69 0.00	59.08 -1.86 0.00	49.56 -1.60 0.00	46.13 -1.50 0.00	37.60 -1.22 0.00	36.70 -1.17 0.00	35.44 -1.10 0.00	38.96 -1.27 0.00	43.88 -1.58 0.00	44.91 -1.47 0.00	59.54 -1.78 0.00	55.63 -1.62 0.00	44.60 -1.37 0.00	43.91 -1.32 0.00	34.92 -1.08 0.00	35.48 -1.11 0.00
INDECK___YERKES 23781	43.41 1.16 0.00	41.64 1.05 0.00	30.89 0.45 0.00	30.45 0.52 0.00	32.84 0.51 0.00	36.48 0.44 0.00	54.54 0.86 0.00	52.53 -0.09 0.00	56.90 -0.08 0.00	60.78 -0.15 0.00	50.98 -0.17 0.00	47.66 0.03 0.00	38.91 0.09 0.00	38.08 0.21 0.00	36.47 -0.07 0.00	39.33 -0.90 0.00	43.80 -1.66 0.00	45.11 -1.27 0.00	59.35 -1.97 0.00	55.41 -1.84 0.00	44.21 -1.76 0.00	43.95 -1.28 0.00	35.46 -0.53 0.00	36.58 -0.01 0.00
INDIAN POINT_GT_1 24139	42.87 0.61 0.00	41.10 0.52 0.00	30.92 0.49 0.00	30.35 0.42 0.00	32.76 0.42 0.00	36.63 0.60 0.00	54.50 0.82 0.00	53.68 1.07 0.00	58.17 1.19 0.00	62.37 1.44 0.00	52.44 1.28 0.00	49.05 1.42 0.00	39.95 1.13 0.00	38.88 1.01 0.00	37.77 1.23 0.00	41.85 1.63 0.00	47.36 1.90 0.00	48.11 1.73 0.00	63.84 2.52 0.00	59.56 2.31 0.00	47.86 1.89 0.00	46.91 1.69 0.00	37.43 1.44 0.00	37.94 1.36 0.00
INDIAN POINT_GT_2 23659	42.87 0.61 0.00	41.10 0.52 0.00	30.92 0.49 0.00	30.35 0.42 0.00	32.76 0.42 0.00	36.63 0.60 0.00	54.50 0.82 0.00	53.68 1.07 0.00	58.17 1.19 0.00	62.37 1.44 0.00	52.44 1.28 0.00	49.05 1.42 0.00	39.95 1.13 0.00	38.88 1.01 0.00	37.77 1.23 0.00	41.85 1.63 0.00	47.36 1.90 0.00	48.11 1.73 0.00	63.84 2.52 0.00	59.56 2.31 0.00	47.86 1.89 0.00	46.91 1.69 0.00	37.43 1.44 0.00	37.94 1.36 0.00
INDIAN POINT_GT_3 24019	42.87 0.61 0.00	41.10 0.52 0.00	30.92 0.49 0.00	30.35 0.42 0.00	32.76 0.42 0.00	36.63 0.60 0.00	54.50 0.82 0.00	53.68 1.07 0.00	58.17 1.19 0.00	62.37 1.44 0.00	52.44 1.28 0.00	49.05 1.42 0.00	39.95 1.13 0.00	38.88 1.01 0.00	37.77 1.23 0.00	41.85 1.63 0.00	47.36 1.90 0.00	48.11 1.73 0.00	63.84 2.52 0.00	59.56 2.31 0.00	47.86 1.89 0.00	46.91 1.69 0.00	37.43 1.44 0.00	37.94 1.36 0.00
INDIAN POINT___2 23530	42.87 0.62 0.00	41.11 0.53 0.00	30.93 0.49 0.00	30.36 0.43 0.00	32.76 0.42 0.00	36.64 0.61 0.00	54.52 0.85 0.00	53.72 1.10 0.00	58.21 1.23 0.00	62.38 1.45 0.00	52.46 1.30 0.00	49.06 1.43 0.00	39.96 1.14 0.00	38.89 1.02 0.00	37.77 1.23 0.00	41.86 1.63 0.00	47.37 1.92 0.00	48.13 1.75 0.00	63.89 2.57 0.00	59.61 2.36 0.00	47.90 1.93 0.00	46.94 1.71 0.00	37.45 1.46 0.00	37.95 1.36 0.00
INDIAN POINT___3 23531	42.85 0.60 0.00	41.08 0.49 0.00	30.92 0.49 0.00	30.34 0.41 0.00	32.75 0.42 0.00	36.62 0.58 0.00	54.47 0.80 0.00	53.66 1.04 0.00	58.15 1.17 0.00	62.35 1.42 0.00	52.41 1.25 0.00	49.03 1.40 0.00	39.92 1.10 0.00	38.87 1.00 0.00	37.75 1.21 0.00	41.83 1.61 0.00	47.34 1.88 0.00	48.09 1.70 0.00	63.77 2.45 0.00	59.52 2.26 0.00	47.83 1.86 0.00	46.89 1.66 0.00	37.41 1.42 0.00	37.91 1.32 0.00
INGHAM_C_115KV_TB7 356103	43.96 1.71 0.00	42.28 1.70 0.00	31.70 1.26 0.00	31.19 1.25 0.00	33.78 1.45 0.00	37.71 1.68 0.00	56.32 2.65 0.00	55.47 2.85 0.00	59.70 2.72 0.00	63.43 2.50 0.00	53.10 1.94 0.00	49.37 1.74 0.00	39.97 1.14 0.00	39.00 1.13 0.00	37.83 1.29 0.00	42.24 2.01 0.00	47.95 2.49 0.00	49.02 2.64 0.00	65.07 3.75 0.00	60.63 3.37 0.00	48.84 2.88 0.00	47.99 2.76 0.00	38.01 2.02 0.00	38.51 1.92 0.00
IP CORINTH___1 23988	42.98 0.73 0.00	41.29 0.71 0.00	31.03 0.59 0.00	30.54 0.60 0.00	33.03 0.69 0.00	36.83 0.80 0.00	54.78 1.11 0.00	53.83 1.22 0.00	58.49 1.51 0.00	62.52 1.59 0.00	52.40 1.24 0.00	48.75 1.12 0.00	39.48 0.66 0.00	38.54 0.67 0.00	37.23 0.69 0.00	41.47 1.24 0.00	47.07 1.62 0.00	48.01 1.63 0.00	63.37 2.05 0.00	59.11 1.86 0.00	47.61 1.64 0.00	46.71 1.48 0.00	36.99 1.00 0.00	37.51 0.92 0.00
IP___TICONDEROGA 23804	45.23 2.98 0.00	43.52 2.94 0.00	32.70 2.27 0.00	32.27 2.34 0.00	34.95 2.61 0.00	39.08 3.04 0.00	57.81 4.13 0.00	56.79 4.18 0.00	62.26 5.28 0.00	66.61 5.67 0.00	55.57 4.42 0.00	51.40 3.77 0.00	41.12 2.30 0.00	40.44 2.57 0.00	39.03 2.49 0.00	43.87 3.65 0.00	49.91 4.46 0.00	51.11 4.73 0.00	67.05 5.72 0.00	62.60 5.34 0.00	50.52 4.55 0.00	49.56 4.33 0.00	39.02 3.03 0.00	39.50 2.91 0.00
ISLIP_RES_REC 323679	42.77 0.52 0.00	41.12 0.54 0.00	31.29 0.86 0.00	30.56 0.62 0.00	32.82 0.49 0.00	36.21 0.17 0.00	53.62 -0.06 0.00	52.82 0.21 0.01	57.03 0.20 0.15	61.60 0.67 0.00	51.87 0.71 0.00	48.09 0.45 0.00	39.64 0.81 0.00	38.79 0.92 0.00	37.77 1.23 0.00	41.33 1.10 0.00	47.02 1.57 0.00	47.47 1.09 0.00	60.85 1.23 1.70	56.13 1.17 2.30	45.49 1.34 1.82	44.64 1.06 1.65	37.44 1.45 0.00	38.32 1.73 0.00

JAMAICA__27_KV_LOAD 355505	43.10 0.84 0.00	41.30 0.72 0.00	31.18 0.74 0.00	30.60 0.66 0.00	33.02 0.68 0.00	36.96 0.93 0.00	54.74 1.07 0.00	53.76 1.14 0.00	58.30 1.32 0.00	62.55 1.62 0.00	52.84 1.68 0.00	49.44 1.81 0.00	40.32 1.50 0.00	39.16 1.29 0.00	38.04 1.50 0.00	42.14 1.91 0.00	47.66 2.20 0.00	48.42 2.04 0.00	64.02 2.70 0.00	59.71 2.45 0.00	47.93 1.97 0.00	47.00 1.77 0.00	37.60 1.61 0.00	38.15 1.56 0.00
JANIS__SOLAR 323808	44.03 1.78 0.00	42.14 1.56 0.00	31.50 1.06 0.00	31.02 1.09 0.00	33.51 1.18 0.00	37.53 1.49 0.00	56.36 2.69 0.00	55.17 2.56 0.00	59.48 2.51 0.00	63.37 2.43 0.00	52.98 1.82 0.00	49.20 1.57 0.00	39.94 1.12 0.00	39.06 1.19 0.00	37.84 1.30 0.00	41.66 1.43 0.00	47.06 1.60 0.00	48.46 2.08 0.00	64.47 3.15 0.00	60.23 2.98 0.00	48.13 2.17 0.00	47.17 1.94 0.00	37.44 1.45 0.00	37.95 1.36 0.00
JARVIS____ 23743	42.19 -0.06 0.00	40.50 -0.08 0.00	30.41 -0.03 0.00	29.91 -0.03 0.00	32.30 -0.03 0.00	36.00 -0.04 0.00	53.62 -0.05 0.00	52.60 -0.02 0.00	56.98 0.00 0.00	60.93 0.00 0.00	51.16 0.00 0.00	47.67 0.05 0.00	38.82 0.00 0.00	37.87 0.00 0.00	36.58 0.04 0.00	40.35 0.12 0.00	45.63 0.17 0.00	46.52 0.14 0.00	61.51 0.19 0.00	57.43 0.17 0.00	46.12 0.16 0.00	45.35 0.12 0.00	36.06 0.07 0.00	36.66 0.07 0.00
JENNISON____1 23625	44.05 1.80 0.00	42.16 1.58 0.00	31.54 1.10 0.00	31.05 1.12 0.00	33.54 1.20 0.00	37.52 1.49 0.00	56.26 2.58 0.00	54.81 2.19 0.00	59.11 2.13 0.00	63.17 2.24 0.00	52.93 1.77 0.00	49.33 1.71 0.00	40.11 1.28 0.00	39.20 1.33 0.00	37.88 1.34 0.00	41.63 1.40 0.00	46.92 1.47 0.00	48.25 1.87 0.00	64.19 2.87 0.00	60.07 2.82 0.00	48.19 2.22 0.00	47.16 1.93 0.00	37.49 1.50 0.00	38.02 1.43 0.00
JENNISON____2 23626	44.05 1.80 0.00	42.16 1.58 0.00	31.54 1.10 0.00	31.05 1.12 0.00	33.54 1.20 0.00	37.52 1.49 0.00	56.26 2.58 0.00	54.81 2.19 0.00	59.11 2.13 0.00	63.17 2.24 0.00	52.93 1.77 0.00	49.33 1.71 0.00	40.11 1.28 0.00	39.20 1.33 0.00	37.88 1.34 0.00	41.63 1.40 0.00	46.92 1.47 0.00	48.25 1.87 0.00	64.19 2.87 0.00	60.07 2.82 0.00	48.19 2.22 0.00	47.16 1.93 0.00	37.49 1.50 0.00	38.02 1.43 0.00
JERICOHO_RISE_WT_PWR 323719	43.33 1.08 0.00	41.75 1.17 0.00	31.16 0.73 0.00	30.73 0.80 0.00	33.24 0.90 0.00	36.96 0.92 0.00	54.88 1.21 0.00	53.68 1.07 0.00	58.06 1.08 0.00	62.01 1.08 0.00	51.87 0.72 0.00	48.05 0.42 0.00	39.42 0.59 0.00	38.49 0.63 0.00	37.04 0.50 0.00	40.72 0.49 0.00	45.65 0.19 0.00	46.52 0.14 0.00	61.38 0.06 0.00	57.33 0.08 0.00	45.95 -0.02 0.00	45.27 0.05 0.00	35.97 -0.02 0.00	36.47 -0.12 0.00
KATONAH__115KV_46KV_TB4 355592	43.01 0.75 0.00	41.23 0.65 0.00	31.05 0.61 0.00	30.48 0.55 0.00	32.88 0.55 0.00	36.77 0.73 0.00	54.67 1.00 0.00	53.86 1.24 0.00	58.40 1.41 0.00	62.62 1.69 0.00	52.66 1.51 0.00	49.27 1.64 0.00	40.12 1.30 0.00	39.07 1.20 0.00	37.92 1.38 0.00	42.01 1.78 0.00	47.52 2.07 0.00	48.25 1.87 0.00	63.93 2.61 0.00	59.66 2.41 0.00	47.96 2.00 0.00	47.03 1.80 0.00	37.53 1.54 0.00	38.03 1.45 0.00
KCE_NY_1 323755	43.20 0.95 0.00	41.48 0.90 0.00	31.17 0.73 0.00	30.65 0.73 0.00	33.14 0.81 0.00	36.95 0.91 0.00	54.97 1.30 0.00	53.97 1.36 0.00	58.59 1.61 0.00	62.61 1.68 0.00	52.57 1.41 0.00	48.94 1.31 0.00	39.75 0.93 0.00	38.75 0.88 0.00	37.43 0.89 0.00	41.60 1.37 0.00	47.17 1.71 0.00	48.04 1.66 0.00	63.45 2.13 0.00	59.19 1.94 0.00	47.65 1.69 0.00	46.78 1.55 0.00	37.12 1.13 0.00	37.67 1.08 0.00
KCE_NY_6_ESR 323823	43.42 1.16 0.00	41.61 1.03 0.00	30.88 0.44 0.00	30.45 0.51 0.00	32.82 0.49 0.00	36.50 0.47 0.00	54.64 0.96 0.00	52.83 0.21 0.00	57.18 0.19 0.00	61.16 0.23 0.00	51.21 0.05 0.00	47.88 0.25 0.00	39.05 0.23 0.00	38.27 0.40 0.00	36.63 0.09 0.00	39.53 -0.69 0.00	44.11 -1.34 0.00	45.46 -0.92 0.00	59.92 -1.40 0.00	55.95 -1.31 0.00	44.56 -1.41 0.00	44.25 -0.98 0.00	35.52 -0.47 0.00	36.51 -0.08 0.00
KEDC PORT_JEFF_GT2 24210	42.51 0.26 0.00	40.91 0.32 0.00	31.14 0.70 0.00	30.41 0.48 0.00	32.66 0.32 0.00	36.00 -0.04 0.00	53.22 -0.45 0.00	52.38 -0.22 0.01	56.36 -0.43 0.19	60.97 0.04 0.00	51.41 0.25 0.00	47.68 0.05 0.00	39.31 0.49 0.00	38.52 0.66 0.00	37.58 1.04 0.00	41.10 0.87 0.00	46.68 1.23 0.00	46.81 0.43 0.00	59.71 0.30 1.92	54.97 0.30 2.59	44.79 0.87 2.05	44.01 0.64 1.86	37.17 1.18 0.00	38.08 1.49 0.00
KEDC PORT_JEFF_GT3 24211	42.51 0.26 0.00	40.91 0.32 0.00	31.14 0.70 0.00	30.41 0.48 0.00	32.66 0.32 0.00	36.00 -0.04 0.00	53.22 -0.45 0.00	52.38 -0.22 0.01	56.36 -0.43 0.19	60.97 0.04 0.00	51.41 0.25 0.00	47.68 0.05 0.00	39.31 0.49 0.00	38.52 0.66 0.00	37.58 1.04 0.00	41.10 0.87 0.00	46.68 1.23 0.00	46.81 0.43 0.00	59.71 0.30 1.92	54.97 0.30 2.59	44.79 0.87 2.05	44.01 0.64 1.86	37.17 1.18 0.00	38.08 1.49 0.00
KEDC_GLWD_GT4 24219	43.04 0.78 0.00	41.31 0.73 0.00	31.22 0.78 0.00	30.59 0.65 0.00	32.95 0.61 0.00	36.78 0.74 0.00	54.62 0.94 0.00	53.99 1.38 0.00	58.54 1.56 0.00	62.81 1.87 0.00	52.83 1.68 0.00	49.28 1.65 0.00	40.32 1.49 0.00	39.28 1.41 0.00	38.20 1.66 0.00	42.14 1.91 0.00	47.77 2.32 0.00	48.37 1.99 0.00	64.02 2.71 0.00	59.85 2.53 -0.06	48.14 2.17 0.00	47.17 1.94 0.00	37.76 1.77 0.00	38.30 1.71 0.00
KEDC_GLWD_GT5 24220	43.04 0.78 0.00	41.31 0.73 0.00	31.22 0.78 0.00	30.59 0.65 0.00	32.95 0.61 0.00	36.78 0.74 0.00	54.62 0.94 0.00	53.99 1.38 0.00	58.54 1.56 0.00	62.81 1.87 0.00	52.83 1.68 0.00	49.28 1.65 0.00	40.32 1.49 0.00	39.28 1.41 0.00	38.20 1.66 0.00	42.14 1.91 0.00	47.77 2.32 0.00	48.37 1.99 0.00	64.02 2.71 0.00	59.85 2.53 -0.06	48.14 2.17 0.00	47.17 1.94 0.00	37.76 1.77 0.00	38.30 1.71 0.00
KENSICO____ 23655	42.95 0.70 0.00	41.17 0.59 0.00	31.02 0.58 0.00	30.45 0.51 0.00	32.85 0.51 0.00	36.72 0.69 0.00	54.58 0.91 0.00	53.77 1.16 0.00	58.30 1.32 0.00	62.53 1.59 0.00	52.61 1.45 0.00	49.21 1.58 0.00	40.10 1.28 0.00	39.04 1.17 0.00	37.91 1.37 0.00	41.99 1.76 0.00	47.51 2.05 0.00	48.23 1.85 0.00	63.91 2.59 0.00	59.62 2.37 0.00	47.94 1.97 0.00	47.00 1.78 0.00	37.53 1.54 0.00	38.04 1.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.47 1.22 0.00	41.63 1.05 0.00	31.29 0.85 0.00	30.72 0.79 0.00	33.15 0.81 0.00	37.07 1.04 0.00	55.30 1.62 0.00	54.52 1.90 0.00	54.20 2.03 4.80	62.48 2.25 0.71	53.05 1.90 0.00	49.48 1.85 0.00	40.16 1.34 0.00	38.79 0.92 0.00	37.69 1.15 0.00	41.82 1.59 0.00	47.39 1.94 0.00	48.31 1.93 0.00	64.24 2.92 0.00	60.43 3.18 0.00	48.53 2.57 0.00	47.56 2.33 0.00	37.83 1.84 0.00	38.26 1.67 0.00

KIAC_JFK_GT1 23816	42.97 0.72 0.00	41.18 0.60 0.00	31.09 0.65 0.00	30.51 0.57 0.00	32.92 0.58 0.00	36.85 0.82 0.00	54.57 0.90 0.00	53.57 0.96 0.00	58.10 1.12 0.00	62.35 1.42 0.00	52.67 1.52 0.00	49.27 1.64 0.00	40.19 1.37 0.00	39.03 1.16 0.00	37.92 1.38 0.00	42.01 1.77 0.00	47.50 2.04 0.00	48.25 1.87 0.00	63.80 2.48 0.00	59.49 2.24 0.00	47.77 1.80 0.00	46.84 1.61 0.00	37.49 1.50 0.00	38.04 1.45 0.00
KIAC_JFK_GT2 23817	42.97 0.72 0.00	41.18 0.60 0.00	31.09 0.65 0.00	30.51 0.57 0.00	32.92 0.58 0.00	36.85 0.82 0.00	54.57 0.90 0.00	53.57 0.96 0.00	58.10 1.12 0.00	62.35 1.42 0.00	52.67 1.52 0.00	49.27 1.64 0.00	40.19 1.37 0.00	39.03 1.16 0.00	37.92 1.38 0.00	42.01 1.77 0.00	47.50 2.04 0.00	48.25 1.87 0.00	63.80 2.48 0.00	59.49 2.24 0.00	47.77 1.80 0.00	46.84 1.61 0.00	37.49 1.50 0.00	38.04 1.45 0.00
KIAC_JFK____ 323774	42.97 0.72 0.00	41.18 0.60 0.00	31.09 0.65 0.00	30.51 0.57 0.00	32.92 0.58 0.00	36.85 0.82 0.00	54.58 0.91 0.00	53.57 0.96 0.00	58.10 1.12 0.00	62.35 1.42 0.00	52.68 1.52 0.00	49.27 1.64 0.00	40.19 1.37 0.00	39.04 1.17 0.00	37.91 1.38 0.00	42.00 1.77 0.00	47.50 2.04 0.00	48.25 1.87 0.00	63.80 2.48 0.00	59.49 2.23 0.00	47.77 1.80 0.00	46.84 1.61 0.00	37.49 1.49 0.00	38.04 1.45 0.00
KINTIGH__24_KV_GSU 356498	42.97 0.71 0.00	41.22 0.64 0.00	30.64 0.20 0.00	30.19 0.26 0.00	32.57 0.24 0.00	36.18 0.14 0.00	54.07 0.40 0.00	52.26 -0.35 0.00	56.64 -0.34 0.00	60.42 -0.51 0.00	50.71 -0.45 0.00	47.39 -0.24 0.00	38.73 -0.09 0.00	37.94 0.07 0.00	36.40 -0.14 0.00	39.31 -0.92 0.00	43.90 -1.56 0.00	45.11 -1.27 0.00	59.37 -1.96 0.00	55.44 -1.82 0.00	44.23 -1.73 0.00	43.92 -1.31 0.00	35.34 -0.66 0.00	36.37 -0.21 0.00
KINTIGH____ 23543	42.94 0.69 0.00	41.20 0.62 0.00	30.63 0.19 0.00	30.18 0.24 0.00	32.55 0.22 0.00	36.15 0.12 0.00	54.03 0.36 0.00	52.22 -0.40 0.00	56.61 -0.37 0.00	60.38 -0.55 0.00	50.70 -0.46 0.00	47.36 -0.28 0.00	38.72 -0.11 0.00	37.93 0.06 0.00	36.37 -0.17 0.00	39.28 -0.95 0.00	43.87 -1.58 0.00	45.07 -1.31 0.00	59.33 -1.99 0.00	55.40 -1.86 0.00	44.20 -1.77 0.00	43.89 -1.34 0.00	35.32 -0.67 0.00	36.35 -0.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.94 1.69 0.00	42.32 1.74 0.00	31.59 1.16 0.00	31.16 1.23 0.00	33.72 1.38 0.00	37.39 1.36 0.00	55.24 1.56 0.00	53.82 1.20 0.00	58.16 1.18 0.00	62.01 1.08 0.00	51.79 0.63 0.00	47.76 0.13 0.00	39.40 0.57 0.00	38.55 0.68 0.00	37.15 0.61 0.00	41.07 0.84 0.00	45.57 0.12 0.00	46.33 -0.06 0.00	61.17 -0.15 0.00	57.30 0.05 0.00	46.03 0.06 0.00	45.48 0.25 0.00	36.17 0.18 0.00	36.61 0.02 0.00
LACHUTE____HYDRO 323717	45.23 2.98 0.00	43.52 2.94 0.00	32.70 2.27 0.00	32.27 2.34 0.00	34.95 2.61 0.00	39.08 3.04 0.00	57.81 4.13 0.00	56.79 4.18 0.00	62.26 5.28 0.00	66.60 5.67 0.00	55.58 4.42 0.00	51.40 3.77 0.00	41.12 2.30 0.00	40.44 2.57 0.00	39.04 2.49 0.00	43.87 3.65 0.00	49.91 4.46 0.00	51.11 4.73 0.00	67.05 5.73 0.00	62.60 5.34 0.00	50.52 4.55 0.00	49.56 4.33 0.00	39.02 3.03 0.00	39.50 2.91 0.00
LAWRNCALV_115KV_TB1 80681	44.01 1.76 0.00	42.41 1.83 0.00	31.71 1.27 0.00	31.18 1.25 0.00	33.75 1.41 0.00	37.66 1.63 0.00	56.22 2.54 0.00	55.15 2.53 0.00	59.59 2.61 0.00	63.58 2.65 0.00	53.10 1.94 0.00	49.27 1.64 0.00	40.25 1.43 0.00	39.22 1.35 0.00	37.67 1.13 0.00	41.18 0.94 0.00	46.04 0.58 0.00	46.82 0.44 0.00	62.30 0.97 0.00	58.26 1.01 0.00	46.78 0.81 0.00	46.22 0.99 0.00	36.81 0.82 0.00	37.40 0.82 0.00
LEDERLE____ 23769	43.13 0.88 0.00	41.35 0.77 0.00	31.08 0.64 0.00	30.51 0.57 0.00	32.93 0.59 0.00	36.94 0.91 0.00	55.05 1.38 0.00	54.24 1.63 0.00	58.60 1.63 0.00	62.81 1.87 0.00	52.78 1.63 0.00	49.37 1.74 0.00	40.19 1.37 0.00	39.12 1.25 0.00	38.00 1.46 0.00	42.14 1.91 0.00	47.69 2.23 0.00	48.49 2.11 0.00	64.41 3.09 0.00	60.12 2.87 0.00	48.27 2.30 0.00	47.27 2.04 0.00	37.68 1.69 0.00	38.16 1.57 0.00
LIGHTHSE_115KV_TB6 355974	42.25 -0.01 0.00	40.54 -0.04 0.00	30.37 -0.07 0.00	29.90 -0.03 0.00	32.32 -0.02 0.00	36.11 0.07 0.00	53.97 0.30 0.00	52.95 0.34 0.00	57.41 0.43 0.00	61.24 0.30 0.00	51.21 0.05 0.00	47.64 0.01 0.00	38.79 -0.03 0.00	37.81 -0.06 0.00	36.47 -0.07 0.00	40.05 -0.18 0.00	44.96 -0.50 0.00	46.15 -0.23 0.00	61.58 0.26 0.00	57.58 0.33 0.00	46.04 0.07 0.00	45.33 0.10 0.00	35.90 -0.09 0.00	36.50 -0.09 0.00
LINDEN COGEN____ 23786	42.79 0.54 0.00	40.99 0.41 0.00	30.98 0.55 0.00	30.42 0.49 0.00	32.82 0.49 0.00	36.72 0.69 0.00	54.48 0.81 0.00	53.57 0.95 0.00	58.11 1.12 0.00	62.38 1.45 0.00	52.53 1.38 0.00	49.13 1.50 0.00	40.09 1.27 0.00	39.04 1.17 0.00	37.94 1.40 0.00	42.00 1.77 0.00	47.49 2.04 0.00	48.20 1.82 0.00	63.80 2.48 0.00	59.49 2.24 0.00	47.76 1.79 0.00	46.83 1.61 0.00	37.50 1.51 0.00	38.02 1.43 0.00
LINDHRST_69_KV_BK1 356055	43.07 0.82 0.00	41.40 0.82 0.00	31.38 0.95 0.00	30.67 0.74 0.00	32.94 0.60 0.00	36.57 0.53 0.00	54.21 0.54 0.00	53.64 1.02 0.00	58.14 1.17 0.01	62.42 1.49 0.00	52.50 1.35 0.00	48.75 1.12 0.00	40.09 1.27 0.00	39.10 1.23 0.00	38.14 1.60 0.00	41.86 1.63 0.00	47.64 2.19 0.00	48.17 1.79 0.00	62.89 2.28 0.71	58.52 2.21 0.94	47.27 2.06 0.76	46.35 1.81 0.69	37.81 1.82 0.00	38.47 1.88 0.00
LIPA_MISC_IPP 23656	42.36 0.11 0.00	40.74 0.16 0.00	31.06 0.62 0.00	30.33 0.40 0.00	32.59 0.25 0.00	35.88 -0.15 0.00	53.11 -0.56 0.00	52.39 -0.22 0.01	56.52 -0.28 0.18	61.03 0.10 0.00	51.35 0.20 0.00	47.62 -0.01 0.00	39.24 0.42 0.00	38.38 0.51 0.00	37.45 0.91 0.00	40.98 0.75 0.00	46.63 1.17 0.00	47.04 0.66 0.00	60.61 0.67 1.38	56.02 0.63 1.86	45.37 0.88 1.47	44.50 0.61 1.34	37.14 1.15 0.00	38.04 1.45 0.00
LISF____SOLAR 323691	42.45 0.20 0.00	40.82 0.24 0.00	31.14 0.70 0.00	30.40 0.47 0.00	32.65 0.32 0.00	35.95 -0.09 0.00	53.21 -0.46 0.00	52.49 -0.11 0.01	56.63 -0.17 0.18	61.13 0.20 0.00	51.45 0.30 0.00	47.68 0.05 0.00	39.30 0.48 0.00	38.45 0.58 0.00	37.52 0.98 0.00	41.05 0.82 0.00	46.72 1.27 0.00	47.14 0.76 0.00	60.66 0.80 1.46	56.03 0.74 1.96	45.37 0.96 1.56	44.50 0.69 1.41	37.22 1.23 0.00	38.12 1.53 0.00
LITTLE FALLS____HYD 24013	43.96 1.71 0.00	42.28 1.70 0.00	31.70 1.26 0.00	31.19 1.25 0.00	33.78 1.45 0.00	37.71 1.68 0.00	56.32 2.65 0.00	55.47 2.85 0.00	59.70 2.72 0.00	63.43 2.50 0.00	53.10 1.94 0.00	49.37 1.74 0.00	39.97 1.14 0.00	39.00 1.13 0.00	37.83 1.29 0.00	42.24 2.01 0.00	47.95 2.49 0.00	49.02 2.64 0.00	65.07 3.75 0.00	60.63 3.37 0.00	48.84 2.88 0.00	47.99 2.76 0.00	38.01 2.02 0.00	38.51 1.92 0.00

LITTLRIV_115KV_TB1 356100	44.65 2.40 0.00	43.06 2.48 0.00	32.19 1.75 0.00	31.64 1.71 0.00	34.26 1.92 0.00	38.26 2.23 0.00	57.18 3.51 0.00	56.12 3.50 0.00	60.59 3.61 0.00	64.56 3.63 0.00	53.85 2.70 0.00	49.93 2.30 0.00	40.72 1.90 0.00	39.64 1.77 0.00	38.03 1.49 0.00	41.49 1.26 0.00	46.33 0.87 0.00	47.26 0.88 0.00	63.28 1.96 0.00	59.27 2.01 0.00	47.54 1.57 0.00	46.94 1.71 0.00	37.35 1.37 0.00	37.93 1.34 0.00
LI_NEWBRDGE___DRP 323616	42.49 0.24 0.00	40.84 0.26 0.00	30.98 0.54 0.00	30.30 0.37 0.00	32.60 0.27 0.00	36.29 0.26 0.00	53.85 0.17 0.00	53.28 0.66 0.00	57.72 0.74 0.00	61.96 1.03 0.00	52.11 0.95 0.00	48.44 0.81 0.00	39.78 0.95 0.00	38.79 0.92 0.00	37.80 1.26 0.00	41.54 1.31 0.00	47.19 1.73 0.00	47.67 1.29 0.00	63.02 1.70 0.00	58.90 1.61 -0.03	47.51 1.55 0.00	46.52 1.29 0.00	37.38 1.40 0.00	38.01 1.42 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.14 0.88 0.00	41.36 0.78 0.00	30.72 0.29 0.00	30.27 0.34 0.00	32.66 0.32 0.00	36.25 0.22 0.00	54.11 0.44 0.00	52.11 -0.51 0.00	56.49 -0.49 0.00	60.23 -0.71 0.00	50.56 -0.59 0.00	47.21 -0.42 0.00	38.57 -0.26 0.00	37.72 -0.14 0.00	36.14 -0.40 0.00	38.91 -1.32 0.00	43.33 -2.12 0.00	44.62 -1.76 0.00	58.77 -2.55 0.00	54.93 -2.33 0.00	43.83 -2.14 0.00	43.63 -1.60 0.00	35.14 -0.85 0.00	36.33 -0.26 0.00
LOCKPORT___CC1 323769	43.11 0.86 0.00	41.34 0.77 0.00	30.71 0.28 0.00	30.27 0.34 0.00	32.65 0.32 0.00	36.24 0.21 0.00	54.09 0.42 0.00	52.10 -0.51 0.00	56.47 -0.51 0.00	60.24 -0.69 0.00	50.53 -0.62 0.00	47.22 -0.40 0.00	38.58 -0.24 0.00	37.75 -0.12 0.00	36.16 -0.38 0.00	38.92 -1.30 0.00	43.35 -2.10 0.00	44.65 -1.73 0.00	58.79 -2.53 0.00	54.91 -2.34 0.00	43.82 -2.14 0.00	43.61 -1.62 0.00	35.13 -0.86 0.00	36.30 -0.29 0.00
LOCKPORT___CC2 323770	43.11 0.86 0.00	41.34 0.77 0.00	30.71 0.28 0.00	30.27 0.34 0.00	32.65 0.32 0.00	36.24 0.21 0.00	54.09 0.42 0.00	52.10 -0.51 0.00	56.47 -0.51 0.00	60.24 -0.69 0.00	50.53 -0.62 0.00	47.22 -0.40 0.00	38.58 -0.24 0.00	37.75 -0.12 0.00	36.16 -0.38 0.00	38.92 -1.30 0.00	43.35 -2.10 0.00	44.65 -1.73 0.00	58.79 -2.53 0.00	54.91 -2.34 0.00	43.82 -2.14 0.00	43.61 -1.62 0.00	35.13 -0.86 0.00	36.30 -0.29 0.00
LOCKPORT___CC3 323771	43.11 0.86 0.00	41.34 0.77 0.00	30.71 0.28 0.00	30.27 0.34 0.00	32.65 0.32 0.00	36.24 0.21 0.00	54.09 0.42 0.00	52.10 -0.51 0.00	56.47 -0.51 0.00	60.24 -0.69 0.00	50.53 -0.62 0.00	47.22 -0.40 0.00	38.58 -0.24 0.00	37.75 -0.12 0.00	36.16 -0.38 0.00	38.92 -1.30 0.00	43.35 -2.10 0.00	44.65 -1.73 0.00	58.79 -2.53 0.00	54.91 -2.34 0.00	43.82 -2.14 0.00	43.61 -1.62 0.00	35.13 -0.86 0.00	36.30 -0.29 0.00
LOCUSVLY_69_KV_BK2 55797	42.97 0.72 0.00	41.26 0.68 0.00	31.23 0.79 0.00	30.57 0.63 0.00	32.91 0.57 0.00	36.63 0.59 0.00	54.37 0.70 0.00	53.74 1.12 0.00	58.23 1.25 0.00	62.58 1.65 0.00	52.63 1.48 0.00	48.99 1.36 0.00	40.16 1.34 0.00	39.14 1.27 0.00	38.11 1.56 0.00	41.93 1.70 0.00	47.59 2.14 0.00	48.13 1.75 0.00	63.73 2.41 0.00	59.60 2.29 -0.05	47.96 2.00 0.00	46.97 1.74 0.00	37.66 1.67 0.00	38.22 1.63 0.00
LONG_LAKE_PHOENIX 24014	41.39 -0.86 0.00	39.69 -0.89 0.00	29.74 -0.70 0.00	29.27 -0.66 0.00	31.61 -0.73 0.00	35.27 -0.76 0.00	52.66 -1.01 0.00	51.61 -1.01 0.00	55.88 -1.10 0.00	59.72 -1.21 0.00	50.13 -1.02 0.00	46.66 -0.97 0.00	38.03 -0.80 0.00	37.12 -0.75 0.00	35.81 -0.73 0.00	39.36 -0.86 0.00	44.40 -1.05 0.00	45.46 -0.92 0.00	60.22 -1.10 0.00	56.26 -0.99 0.00	45.09 -0.87 0.00	44.35 -0.87 0.00	35.29 -0.70 0.00	35.86 -0.73 0.00
LOVETT___3 23632	42.86 0.61 0.00	41.09 0.51 0.00	30.91 0.48 0.00	30.34 0.41 0.00	32.74 0.40 0.00	36.60 0.57 0.00	54.46 0.79 0.00	53.65 1.04 0.00	58.17 1.19 0.00	62.36 1.43 0.00	52.42 1.26 0.00	49.04 1.41 0.00	39.93 1.10 0.00	38.87 1.00 0.00	37.75 1.21 0.00	41.85 1.62 0.00	47.35 1.90 0.00	48.11 1.73 0.00	63.86 2.54 0.00	59.60 2.35 0.00	47.87 1.90 0.00	46.92 1.69 0.00	37.43 1.44 0.00	37.93 1.34 0.00
LOVETT___4 23642	42.86 0.61 0.00	41.09 0.51 0.00	30.91 0.48 0.00	30.34 0.41 0.00	32.74 0.40 0.00	36.60 0.57 0.00	54.46 0.79 0.00	53.65 1.04 0.00	58.17 1.19 0.00	62.36 1.43 0.00	52.42 1.26 0.00	49.04 1.41 0.00	39.93 1.10 0.00	38.87 1.00 0.00	37.75 1.21 0.00	41.85 1.62 0.00	47.35 1.90 0.00	48.11 1.73 0.00	63.86 2.54 0.00	59.60 2.35 0.00	47.87 1.90 0.00	46.92 1.69 0.00	37.43 1.44 0.00	37.93 1.34 0.00
LOVETT___5 23593	42.86 0.61 0.00	41.09 0.51 0.00	30.91 0.48 0.00	30.34 0.41 0.00	32.74 0.40 0.00	36.60 0.57 0.00	54.46 0.79 0.00	53.65 1.04 0.00	58.17 1.19 0.00	62.36 1.43 0.00	52.42 1.26 0.00	49.04 1.41 0.00	39.93 1.10 0.00	38.87 1.00 0.00	37.75 1.21 0.00	41.85 1.62 0.00	47.35 1.90 0.00	48.11 1.73 0.00	63.86 2.54 0.00	59.60 2.35 0.00	47.87 1.90 0.00	46.92 1.69 0.00	37.43 1.44 0.00	37.93 1.34 0.00
LOWER RAQUET___HYD 24057	44.15 1.90 0.00	42.55 1.97 0.00	31.80 1.36 0.00	31.29 1.35 0.00	33.86 1.53 0.00	37.81 1.77 0.00	56.44 2.76 0.00	55.39 2.77 0.00	59.85 2.87 0.00	63.85 2.91 0.00	53.29 2.14 0.00	49.43 1.80 0.00	40.37 1.54 0.00	39.32 1.45 0.00	37.77 1.23 0.00	41.31 1.09 0.00	46.08 0.62 0.00	46.80 0.42 0.00	62.36 1.04 0.00	58.35 1.10 0.00	46.87 0.90 0.00	46.35 1.12 0.00	36.92 0.93 0.00	37.51 0.92 0.00
LOWER___HUDSON 24059	42.42 0.16 0.00	40.77 0.19 0.00	30.67 0.23 0.00	30.16 0.22 0.00	32.58 0.24 0.00	36.30 0.26 0.00	53.91 0.23 0.00	52.96 0.35 0.00	57.58 0.60 0.00	61.54 0.60 0.00	51.75 0.59 0.00	48.26 0.62 0.00	39.16 0.33 0.00	38.18 0.31 0.00	36.93 0.39 0.00	40.97 0.74 0.00	46.41 0.96 0.00	47.13 0.75 0.00	62.21 0.89 0.00	58.08 0.83 0.00	46.85 0.89 0.00	46.05 0.82 0.00	36.59 0.60 0.00	37.18 0.59 0.00
LOWVILLE_115KV_TB2 356335	43.78 1.53 0.00	42.13 1.55 0.00	31.54 1.11 0.00	31.06 1.13 0.00	33.61 1.27 0.00	37.62 1.59 0.00	56.41 2.74 0.00	55.45 2.83 0.00	60.02 3.04 0.00	63.95 3.01 0.00	53.38 2.23 0.00	49.59 1.96 0.00	40.33 1.51 0.00	39.33 1.46 0.00	37.82 1.28 0.00	41.64 1.41 0.00	46.77 1.31 0.00	48.06 1.68 0.00	64.23 2.91 0.00	60.04 2.78 0.00	47.87 1.91 0.00	46.90 1.67 0.00	36.98 0.99 0.00	37.64 1.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.15 0.89 0.00	41.46 0.88 0.00	31.15 0.71 0.00	30.65 0.72 0.00	33.12 0.78 0.00	36.92 0.89 0.00	54.94 1.26 0.00	53.95 1.33 0.00	58.56 1.58 0.00	62.57 1.64 0.00	52.53 1.37 0.00	48.93 1.30 0.00	39.72 0.90 0.00	38.73 0.86 0.00	37.42 0.88 0.00	41.58 1.35 0.00	47.13 1.68 0.00	48.02 1.63 0.00	63.41 2.09 0.00	59.16 1.91 0.00	47.63 1.66 0.00	46.77 1.54 0.00	37.11 1.12 0.00	37.68 1.09 0.00

LUTHERNY_35_KV_BK2 355980	43.20 0.95 0.00	41.47 0.89 0.00	31.17 0.73 0.00	30.66 0.73 0.00	33.14 0.81 0.00	36.95 0.92 0.00	54.97 1.29 0.00	53.97 1.36 0.00	58.59 1.61 0.00	62.61 1.68 0.00	52.56 1.41 0.00	48.94 1.31 0.00	39.75 0.93 0.00	38.75 0.88 0.00	37.43 0.89 0.00	41.60 1.37 0.00	47.17 1.71 0.00	48.05 1.66 0.00	63.45 2.13 0.00	59.19 1.94 0.00	47.65 1.69 0.00	46.78 1.55 0.00	37.12 1.13 0.00	37.67 1.08 0.00
LWR___OSWEGATCHIE_HYD 23850	43.94 1.68 0.00	42.31 1.73 0.00	31.65 1.21 0.00	31.14 1.21 0.00	33.70 1.37 0.00	37.69 1.65 0.00	56.38 2.71 0.00	55.38 2.77 0.00	59.88 2.90 0.00	63.83 2.90 0.00	53.25 2.09 0.00	49.42 1.79 0.00	40.29 1.47 0.00	39.24 1.37 0.00	37.72 1.18 0.00	41.36 1.13 0.00	46.23 0.78 0.00	47.27 0.89 0.00	63.21 1.89 0.00	59.13 1.88 0.00	47.38 1.41 0.00	46.64 1.41 0.00	36.96 0.97 0.00	37.56 0.98 0.00
LYONS_FALL_HYD 23570	43.51 1.25 0.00	41.82 1.24 0.00	31.32 0.88 0.00	30.83 0.90 0.00	33.35 1.02 0.00	37.32 1.29 0.00	55.88 2.20 0.00	54.90 2.29 0.00	59.41 2.43 0.00	63.38 2.45 0.00	53.04 1.88 0.00	49.31 1.68 0.00	40.08 1.26 0.00	39.10 1.23 0.00	37.68 1.14 0.00	41.51 1.28 0.00	46.76 1.30 0.00	47.96 1.58 0.00	63.84 2.52 0.00	59.62 2.37 0.00	47.64 1.68 0.00	46.72 1.49 0.00	36.93 0.94 0.00	37.54 0.95 0.00
MADISON___COUNTY_LFGE 323628	43.21 0.96 0.00	41.46 0.88 0.00	31.07 0.63 0.00	30.61 0.67 0.00	33.08 0.75 0.00	37.00 0.97 0.00	55.39 1.72 0.00	54.42 1.80 0.00	58.89 1.91 0.00	62.92 1.98 0.00	52.78 1.63 0.00	49.14 1.51 0.00	39.85 1.03 0.00	38.91 1.04 0.00	37.62 1.08 0.00	41.47 1.24 0.00	46.92 1.46 0.00	48.01 1.63 0.00	63.58 2.26 0.00	59.26 2.01 0.00	47.47 1.50 0.00	46.58 1.35 0.00	36.95 0.96 0.00	37.49 0.90 0.00
MALONE___115KV_TB1 356076	43.98 1.73 0.00	42.36 1.78 0.00	31.60 1.16 0.00	31.17 1.24 0.00	33.72 1.39 0.00	37.56 1.52 0.00	55.88 2.20 0.00	54.83 2.21 0.00	59.28 2.31 0.00	63.30 2.37 0.00	52.92 1.76 0.00	48.99 1.36 0.00	40.12 1.30 0.00	39.17 1.30 0.00	37.67 1.14 0.00	41.71 1.49 0.00	46.32 0.86 0.00	47.10 0.72 0.00	62.37 1.05 0.00	58.29 1.04 0.00	46.69 0.72 0.00	46.00 0.77 0.00	36.48 0.49 0.00	36.89 0.30 0.00
MAPLEWOD_115KV_TB3 80458	42.13 -0.12 0.00	40.52 -0.06 0.00	30.49 0.06 0.00	29.98 0.05 0.00	32.39 0.06 0.00	36.08 0.05 0.00	53.56 -0.11 0.00	52.63 0.01 0.00	57.18 0.20 0.00	61.14 0.21 0.00	51.43 0.27 0.00	47.98 0.35 0.00	38.96 0.14 0.00	38.04 0.17 0.00	36.82 0.28 0.00	40.77 0.55 0.00	46.17 0.72 0.00	46.87 0.49 0.00	61.92 0.60 0.00	57.81 0.55 0.00	46.60 0.63 0.00	45.80 0.58 0.00	36.42 0.42 0.00	37.01 0.42 0.00
MAPLE_RIDGE_WT_1 323574	42.43 0.17 0.00	40.78 0.20 0.00	30.57 0.13 0.00	30.08 0.15 0.00	32.50 0.16 0.00	36.21 0.18 0.00	53.94 0.27 0.00	52.88 0.26 0.00	57.22 0.24 0.00	61.18 0.24 0.00	51.33 0.17 0.00	47.77 0.14 0.00	38.95 0.13 0.00	38.01 0.13 0.00	36.66 0.12 0.00	40.31 0.08 0.00	45.54 0.08 0.00	46.47 0.08 0.00	61.42 0.10 0.00	57.32 0.07 0.00	45.97 0.00 0.00	45.09 -0.14 0.00	35.72 -0.27 0.00	36.39 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	42.43 0.17 0.00	40.78 0.20 0.00	30.57 0.13 0.00	30.08 0.15 0.00	32.50 0.16 0.00	36.21 0.18 0.00	53.94 0.27 0.00	52.88 0.26 0.00	57.22 0.24 0.00	61.18 0.24 0.00	51.33 0.17 0.00	47.77 0.14 0.00	38.95 0.13 0.00	38.01 0.13 0.00	36.66 0.12 0.00	40.31 0.08 0.00	45.54 0.08 0.00	46.47 0.08 0.00	61.42 0.10 0.00	57.32 0.07 0.00	45.97 0.00 0.00	45.09 -0.14 0.00	35.72 -0.27 0.00	36.39 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	43.84 1.59 0.00	42.19 1.61 0.00	31.46 1.02 0.00	31.08 1.15 0.00	33.65 1.31 0.00	37.26 1.23 0.00	54.88 1.20 0.00	53.33 0.71 0.00	57.64 0.67 0.00	61.49 0.55 0.00	51.34 0.19 0.00	47.33 -0.30 0.00	39.12 0.30 0.00	38.33 0.46 0.00	36.94 0.40 0.00	40.81 0.58 0.00	45.22 -0.23 0.00	45.89 -0.49 0.00	60.34 -0.98 0.00	56.43 -0.82 0.00	45.29 -0.68 0.00	44.76 -0.47 0.00	35.57 -0.43 0.00	35.95 -0.64 0.00
MARSHVLE_115KV_TB1 80742	43.01 0.75 0.00	41.27 0.69 0.00	30.91 0.47 0.00	30.37 0.44 0.00	32.87 0.53 0.00	36.72 0.68 0.00	54.98 1.30 0.00	54.03 1.41 0.00	58.25 1.27 0.00	62.24 1.31 0.00	52.10 0.94 0.00	48.33 0.70 0.00	39.37 0.54 0.00	38.37 0.50 0.00	37.03 0.49 0.00	40.88 0.65 0.00	46.18 0.73 0.00	47.38 1.00 0.00	62.79 1.47 0.00	58.57 1.31 0.00	46.95 0.98 0.00	46.11 0.88 0.00	36.59 0.60 0.00	37.18 0.60 0.00
MARSH_HILL_WT_PWR 323713	43.45 1.19 0.00	41.76 1.18 0.00	31.00 0.56 0.00	30.56 0.62 0.00	32.93 0.59 0.00	36.64 0.61 0.00	54.80 1.13 0.00	52.93 0.31 0.00	57.08 0.09 0.00	60.91 -0.03 0.00	50.51 -0.64 0.00	47.17 -0.46 0.00	38.46 -0.37 0.00	37.69 -0.18 0.00	35.99 -0.55 0.00	38.48 -1.75 0.00	43.00 -2.45 0.00	45.07 -1.31 0.00	59.92 -1.40 0.00	55.79 -1.47 0.00	44.44 -1.53 0.00	43.75 -1.48 0.00	34.83 -1.16 0.00	35.59 -0.99 0.00
MCINTYRE_115KV_TB2 80467	44.80 2.54 0.00	43.20 2.62 0.00	32.31 1.88 0.00	31.75 1.81 0.00	34.37 2.04 0.00	38.40 2.36 0.00	57.39 3.72 0.00	56.32 3.70 0.00	60.76 3.78 0.00	64.72 3.78 0.00	53.94 2.78 0.00	50.03 2.40 0.00	40.77 1.94 0.00	39.63 1.76 0.00	37.99 1.45 0.00	41.35 1.12 0.00	46.35 0.90 0.00	47.43 1.05 0.00	63.63 2.31 0.00	59.62 2.36 0.00	47.76 1.80 0.00	47.09 1.87 0.00	37.46 1.47 0.00	38.06 1.47 0.00
MECO_____69_KV_BK1 80468	43.68 1.42 0.00	41.91 1.33 0.00	31.41 0.97 0.00	30.86 0.93 0.00	33.41 1.07 0.00	37.34 1.30 0.00	55.93 2.26 0.00	55.04 2.43 0.00	59.23 2.25 0.00	63.11 2.17 0.00	52.75 1.59 0.00	48.81 1.19 0.00	39.79 0.97 0.00	38.69 0.82 0.00	37.41 0.87 0.00	41.57 1.34 0.00	47.12 1.66 0.00	48.44 2.06 0.00	64.29 2.97 0.00	59.99 2.74 0.00	48.10 2.13 0.00	47.16 1.93 0.00	37.36 1.37 0.00	37.91 1.32 0.00
MENANDS___115KV_TB5 355628	41.83 -0.43 0.00	40.22 -0.36 0.00	30.29 -0.15 0.00	29.79 -0.15 0.00	32.18 -0.16 0.00	35.83 -0.21 0.00	53.13 -0.55 0.00	52.18 -0.43 0.00	56.73 -0.25 0.00	60.66 -0.28 0.00	51.04 -0.12 0.00	47.62 -0.01 0.00	38.67 -0.15 0.00	37.78 -0.09 0.00	36.59 0.05 0.00	40.51 0.28 0.00	45.86 0.40 0.00	46.52 0.14 0.00	61.44 0.12 0.00	57.35 0.10 0.00	46.25 0.28 0.00	45.47 0.24 0.00	36.17 0.18 0.00	36.79 0.20 0.00
MG INDUSTRY___DRP 24185	41.11 -1.15 0.00	39.49 -1.09 0.00	29.73 -0.71 0.00	29.24 -0.69 0.00	31.57 -0.77 0.00	35.23 -0.80 0.00	52.28 -1.39 0.00	51.25 -1.36 0.00	26.38 -1.39 29.21	55.13 -1.51 4.30	50.01 -1.14 0.00	46.62 -1.02 0.00	37.89 -0.93 0.00	36.99 -0.88 0.00	35.80 -0.74 0.00	39.62 -0.60 0.00	44.83 -0.62 0.00	45.56 -0.82 0.00	60.23 -1.09 0.00	56.14 -1.11 0.00	45.24 -0.72 0.00	44.50 -0.73 0.00	35.68 -0.31 0.00	36.76 0.17 0.00

MID___OSWEGATCHIE_HYD 23849	43.94 1.68 0.00	42.31 1.73 0.00	31.65 1.21 0.00	31.14 1.21 0.00	33.70 1.37 0.00	37.69 1.65 0.00	56.38 2.71 0.00	55.38 2.77 0.00	59.88 2.90 0.00	63.83 2.90 0.00	53.25 2.09 0.00	49.42 1.79 0.00	40.29 1.47 0.00	39.24 1.37 0.00	37.72 1.18 0.00	41.36 1.13 0.00	46.23 0.78 0.00	47.27 0.89 0.00	63.21 1.89 0.00	59.13 1.88 0.00	47.38 1.41 0.00	46.64 1.41 0.00	36.96 0.97 0.00	37.56 0.98 0.00
MID___RAQUETTE_HYD 23851	44.15 1.89 0.00	42.55 1.97 0.00	31.80 1.36 0.00	31.28 1.35 0.00	33.86 1.53 0.00	37.81 1.77 0.00	56.44 2.77 0.00	55.39 2.78 0.00	59.85 2.87 0.00	63.85 2.91 0.00	53.29 2.14 0.00	49.43 1.80 0.00	40.37 1.54 0.00	39.32 1.46 0.00	37.77 1.23 0.00	41.32 1.09 0.00	46.08 0.62 0.00	46.80 0.42 0.00	62.36 1.04 0.00	58.35 1.10 0.00	46.87 0.90 0.00	46.35 1.12 0.00	36.92 0.93 0.00	37.51 0.92 0.00
MILLIKEN___1 23584	43.05 0.80 0.00	41.24 0.66 0.00	30.84 0.40 0.00	30.37 0.44 0.00	32.78 0.44 0.00	36.65 0.62 0.00	54.89 1.21 0.00	53.75 1.14 0.00	58.06 1.08 0.00	62.01 1.07 0.00	52.02 0.86 0.00	48.37 0.74 0.00	39.33 0.51 0.00	38.48 0.61 0.00	37.18 0.64 0.00	40.89 0.65 0.00	46.05 0.59 0.00	47.19 0.81 0.00	62.74 1.42 0.00	58.61 1.36 0.00	46.90 0.94 0.00	46.05 0.82 0.00	36.61 0.62 0.00	37.14 0.55 0.00
MILLIKEN___2 23585	43.05 0.80 0.00	41.24 0.66 0.00	30.84 0.40 0.00	30.37 0.44 0.00	32.78 0.44 0.00	36.65 0.62 0.00	54.89 1.21 0.00	53.75 1.14 0.00	58.06 1.08 0.00	62.01 1.07 0.00	52.02 0.86 0.00	48.37 0.74 0.00	39.33 0.51 0.00	38.48 0.61 0.00	37.18 0.64 0.00	40.89 0.65 0.00	46.05 0.59 0.00	47.19 0.81 0.00	62.74 1.42 0.00	58.61 1.36 0.00	46.90 0.94 0.00	46.05 0.82 0.00	36.61 0.62 0.00	37.14 0.55 0.00
MILLIKEN___DIESEL 23629	43.05 0.80 0.00	41.24 0.66 0.00	30.84 0.40 0.00	30.37 0.44 0.00	32.78 0.44 0.00	36.65 0.62 0.00	54.89 1.21 0.00	53.75 1.14 0.00	58.06 1.08 0.00	62.01 1.07 0.00	52.02 0.86 0.00	48.37 0.74 0.00	39.33 0.51 0.00	38.48 0.61 0.00	37.18 0.64 0.00	40.89 0.65 0.00	46.05 0.59 0.00	47.19 0.81 0.00	62.74 1.42 0.00	58.61 1.36 0.00	46.90 0.94 0.00	46.05 0.82 0.00	36.61 0.62 0.00	37.14 0.55 0.00
MILLSEAT___LFGE 323607	43.68 1.42 0.00	41.86 1.28 0.00	31.12 0.68 0.00	30.66 0.72 0.00	33.08 0.75 0.00	36.82 0.78 0.00	55.08 1.40 0.00	53.31 0.69 0.00	58.79 1.81 0.00	62.60 1.67 0.00	52.31 1.16 0.00	48.74 1.11 0.00	39.08 0.26 0.00	38.10 0.23 0.00	36.48 -0.06 0.00	39.40 -0.83 0.00	44.04 -1.42 0.00	45.60 -0.78 0.00	60.39 -0.93 0.00	56.49 -0.76 0.00	45.04 -0.93 0.00	44.69 -0.54 0.00	35.88 -0.11 0.00	36.94 0.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.88 0.63 0.00	41.11 0.53 0.00	30.96 0.52 0.00	30.39 0.46 0.00	32.79 0.45 0.00	36.65 0.62 0.00	54.51 0.83 0.00	53.67 1.06 0.00	58.19 1.21 0.00	62.40 1.47 0.00	52.47 1.32 0.00	49.08 1.45 0.00	39.98 1.16 0.00	38.92 1.05 0.00	37.79 1.25 0.00	41.89 1.66 0.00	47.39 1.93 0.00	48.11 1.73 0.00	63.78 2.46 0.00	59.51 2.25 0.00	47.84 1.88 0.00	46.91 1.68 0.00	37.43 1.44 0.00	37.94 1.36 0.00
MILLWOOD_13_KV_LOAD 356217	42.96 0.71 0.00	41.19 0.61 0.00	31.02 0.58 0.00	30.45 0.52 0.00	32.85 0.51 0.00	36.73 0.70 0.00	54.64 0.96 0.00	53.80 1.19 0.00	58.34 1.36 0.00	62.54 1.60 0.00	52.59 1.43 0.00	49.19 1.56 0.00	40.07 1.25 0.00	39.01 1.14 0.00	37.89 1.35 0.00	41.98 1.75 0.00	47.49 2.03 0.00	48.25 1.87 0.00	63.96 2.64 0.00	59.67 2.41 0.00	47.95 1.99 0.00	47.02 1.79 0.00	37.52 1.53 0.00	38.02 1.44 0.00
MODEL_CITY_ENERGY 24167	42.80 0.55 0.00	41.05 0.47 0.00	30.49 0.06 0.00	30.05 0.12 0.00	32.42 0.09 0.00	35.97 -0.06 0.00	53.62 -0.06 0.00	51.57 -1.05 0.00	55.93 -1.05 0.00	59.65 -1.28 0.00	50.07 -1.08 0.00	46.81 -0.82 0.00	38.26 -0.56 0.00	37.44 -0.43 0.00	35.87 -0.67 0.00	38.59 -1.64 0.00	42.93 -2.52 0.00	44.16 -2.22 0.00	58.06 -3.26 0.00	54.26 -3.00 0.00	43.32 -2.65 0.00	43.17 -2.06 0.00	34.78 -1.22 0.00	36.01 -0.57 0.00
MODERN_LFGE___ 323580	42.80 0.55 0.00	41.05 0.47 0.00	30.49 0.06 0.00	30.05 0.12 0.00	32.42 0.09 0.00	35.97 -0.06 0.00	53.62 -0.06 0.00	51.57 -1.05 0.00	55.93 -1.05 0.00	59.65 -1.28 0.00	50.07 -1.08 0.00	46.81 -0.82 0.00	38.26 -0.56 0.00	37.44 -0.43 0.00	35.87 -0.67 0.00	38.59 -1.64 0.00	42.93 -2.52 0.00	44.16 -2.22 0.00	58.06 -3.26 0.00	54.26 -3.00 0.00	43.32 -2.65 0.00	43.17 -2.06 0.00	34.78 -1.22 0.00	36.01 -0.57 0.00
MOHAWK_PAPER___DRP 24187	42.13 -0.12 0.00	40.52 -0.06 0.00	30.49 0.06 0.00	29.98 0.05 0.00	32.39 0.06 0.00	36.08 0.05 0.00	53.56 -0.11 0.00	52.63 0.01 0.00	57.18 0.20 0.00	61.14 0.21 0.00	51.43 0.27 0.00	47.98 0.35 0.00	38.96 0.14 0.00	38.04 0.17 0.00	36.82 0.28 0.00	40.77 0.55 0.00	46.17 0.72 0.00	46.87 0.49 0.00	61.92 0.60 0.00	57.81 0.55 0.00	46.60 0.63 0.00	45.80 0.58 0.00	36.42 0.42 0.00	37.01 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	43.33 1.08 0.00	41.63 1.05 0.00	31.28 0.85 0.00	30.81 0.87 0.00	33.31 0.97 0.00	37.16 1.12 0.00	55.25 1.57 0.00	54.27 1.65 0.00	59.03 2.05 0.00	63.09 2.15 0.00	52.86 1.70 0.00	49.14 1.51 0.00	39.78 0.96 0.00	38.86 0.99 0.00	37.51 0.97 0.00	41.84 1.61 0.00	47.50 2.05 0.00	48.45 2.07 0.00	63.92 2.60 0.00	59.63 2.37 0.00	48.05 2.08 0.00	47.15 1.92 0.00	37.32 1.33 0.00	37.84 1.25 0.00
MONGAUP___HYD 23641	43.55 1.30 0.00	41.71 1.13 0.00	31.31 0.87 0.00	30.75 0.82 0.00	33.18 0.85 0.00	37.13 1.09 0.00	55.42 1.75 0.00	54.62 2.00 0.00	59.05 2.07 0.00	63.10 2.17 0.00	52.89 1.73 0.00	49.32 1.69 0.00	40.04 1.22 0.00	38.79 0.92 0.00	37.81 1.28 0.00	42.12 1.89 0.00	47.66 2.21 0.00	48.72 2.34 0.00	64.86 3.54 0.00	60.59 3.34 0.00	48.53 2.56 0.00	47.54 2.31 0.00	37.88 1.89 0.00	38.36 1.77 0.00
MONTAUK___DIESEL 23721	41.14 -1.11 0.00	39.52 -1.06 0.00	30.19 -0.25 0.00	29.48 -0.45 0.00	31.69 -0.65 0.00	34.89 -1.15 0.00	51.70 -1.97 0.00	51.10 -1.51 0.01	55.19 -1.61 0.18	59.74 -1.19 0.00	50.22 -0.93 0.00	46.61 -1.02 0.00	38.33 -0.50 0.00	37.49 -0.38 0.00	36.62 0.07 0.00	39.95 -0.28 0.00	45.53 0.08 0.00	46.09 -0.29 0.00	59.42 -0.48 1.41	54.88 -0.47 1.91	44.36 -0.10 1.51	43.46 -0.40 1.37	36.39 0.40 0.00	37.55 0.96 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.10 1.84 0.00	42.19 1.61 0.00	31.18 0.75 0.00	30.78 0.85 0.00	33.13 0.79 0.00	36.95 0.91 0.00	55.46 1.79 0.00	54.33 1.71 0.00	59.20 2.23 0.00	63.48 2.55 0.00	52.17 1.01 0.00	48.68 1.05 0.00	39.57 0.75 0.00	38.86 0.99 0.00	37.16 0.62 0.00	40.37 0.14 0.00	45.18 -0.27 0.00	46.66 0.28 0.00	61.81 0.49 0.00	57.64 0.39 0.00	45.66 -0.30 0.00	45.04 -0.19 0.00	35.97 -0.03 0.00	36.89 0.30 0.00

MORRIS_RIDGE___SOLAR 323848	43.20 0.95 0.00	41.43 0.85 0.00	30.78 0.34 0.00	30.35 0.42 0.00	32.73 0.39 0.00	36.43 0.39 0.00	54.51 0.84 0.00	52.85 0.24 0.00	56.93 -0.05 0.00	60.63 -0.30 0.00	50.44 -0.71 0.00	47.17 -0.46 0.00	38.35 -0.48 0.00	37.49 -0.38 0.00	35.82 -0.72 0.00	38.67 -1.56 0.00	43.35 -2.11 0.00	45.21 -1.18 0.00	60.10 -1.22 0.00	56.06 -1.19 0.00	44.69 -1.28 0.00	44.11 -1.12 0.00	35.22 -0.76 0.00	35.93 -0.66 0.00
MORTIMER_115KV_TB3 55949	42.81 0.56 0.00	41.05 0.47 0.00	30.62 0.18 0.00	30.13 0.20 0.00	32.55 0.22 0.00	36.28 0.24 0.00	54.34 0.67 0.00	52.96 0.35 0.00	57.44 0.46 0.00	61.20 0.27 0.00	51.38 0.22 0.00	47.89 0.26 0.00	39.03 0.20 0.00	38.12 0.25 0.00	36.65 0.11 0.00	39.93 -0.30 0.00	44.91 -0.55 0.00	46.21 -0.17 0.00	61.10 -0.23 0.00	57.04 -0.22 0.00	45.55 -0.42 0.00	44.95 -0.28 0.00	35.91 -0.08 0.00	36.68 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.10 0.84 0.00	41.30 0.73 0.00	31.17 0.74 0.00	30.59 0.66 0.00	33.00 0.66 0.00	36.90 0.87 0.00	54.78 1.11 0.00	53.91 1.30 0.00	58.48 1.50 0.00	62.77 1.83 0.00	52.84 1.68 0.00	49.45 1.82 0.00	40.33 1.51 0.00	39.27 1.40 0.00	38.14 1.60 0.00	42.23 2.00 0.00	47.75 2.30 0.00	48.47 2.09 0.00	64.15 2.83 0.00	59.83 2.57 0.00	48.07 2.11 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.22 1.64 0.00
MUNSVILLE_WIND_PWR 323609	45.06 2.80 0.00	43.10 2.52 0.00	32.25 1.81 0.00	31.75 1.82 0.00	34.34 2.00 0.00	38.48 2.45 0.00	57.95 4.27 0.00	56.67 4.05 0.00	61.09 4.11 0.00	65.16 4.23 0.00	54.47 3.31 0.00	50.67 3.04 0.00	41.13 2.30 0.00	40.15 2.28 0.00	38.83 2.29 0.00	42.76 2.53 0.00	48.26 2.81 0.00	49.84 3.46 0.00	66.33 5.01 0.00	61.93 4.67 0.00	49.43 3.46 0.00	48.34 3.11 0.00	38.30 2.31 0.00	38.80 2.21 0.00
N SALMON___HYD 24042	43.98 1.73 0.00	42.36 1.78 0.00	31.60 1.16 0.00	31.17 1.24 0.00	33.72 1.39 0.00	37.56 1.52 0.00	55.87 2.20 0.00	54.82 2.21 0.00	59.29 2.31 0.00	63.30 2.37 0.00	52.92 1.76 0.00	48.99 1.36 0.00	40.12 1.30 0.00	39.16 1.30 0.00	37.67 1.14 0.00	41.71 1.48 0.00	46.32 0.86 0.00	47.10 0.72 0.00	62.37 1.05 0.00	58.29 1.04 0.00	46.69 0.72 0.00	46.00 0.77 0.00	36.48 0.49 0.00	36.89 0.30 0.00
N.AKRON__115KV_KNAPP 355671	43.57 1.32 0.00	41.76 1.18 0.00	31.04 0.60 0.00	30.57 0.64 0.00	33.00 0.66 0.00	36.68 0.65 0.00	54.85 1.18 0.00	52.99 0.38 0.00	57.59 0.61 0.00	61.29 0.35 0.00	51.35 0.19 0.00	47.96 0.33 0.00	38.96 0.14 0.00	38.02 0.15 0.00	36.42 -0.12 0.00	39.30 -0.93 0.00	43.86 -1.59 0.00	45.33 -1.05 0.00	59.94 -1.38 0.00	56.04 -1.21 0.00	44.70 -1.26 0.00	44.40 -0.83 0.00	35.69 -0.30 0.00	36.79 0.21 0.00
N.E_GEN_SANDY PD 24062	43.86 -0.10 -1.71	40.55 -0.03 0.00	30.52 0.08 0.00	30.00 0.06 0.00	32.38 0.04 0.00	34.80 0.06 1.28	52.81 -0.17 0.69	53.30 0.00 -0.68	55.60 0.27 1.65	61.25 0.31 0.00	51.51 0.36 0.00	48.14 0.50 0.00	39.06 0.23 0.00	38.06 0.19 0.00	36.88 0.34 0.00	40.96 0.73 0.00	46.34 0.89 0.00	47.17 0.54 -0.24	61.40 0.61 0.53	54.96 0.54 2.83	46.68 0.71 0.00	45.42 0.66 0.47	36.52 0.53 0.00	37.12 0.53 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.96 0.70 0.00	41.19 0.61 0.00	30.96 0.53 0.00	30.40 0.47 0.00	32.80 0.46 0.00	36.71 0.68 0.00	54.67 1.00 0.00	53.86 1.25 0.00	58.32 1.34 0.00	62.50 1.57 0.00	52.53 1.37 0.00	49.15 1.52 0.00	40.01 1.19 0.00	38.94 1.07 0.00	37.83 1.29 0.00	41.94 1.71 0.00	47.46 2.01 0.00	48.25 1.87 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.03 2.06 0.00	47.04 1.82 0.00	37.52 1.53 0.00	38.01 1.43 0.00
N.QUEENS_27_KV_LOAD 356247	43.01 0.76 0.00	41.27 0.69 0.00	31.15 0.71 0.00	30.51 0.57 0.00	32.88 0.54 0.00	36.79 0.76 0.00	54.70 1.03 0.00	54.01 1.40 0.00	58.62 1.65 0.00	62.96 2.03 0.00	52.95 1.80 0.00	49.67 2.03 0.00	40.43 1.61 0.00	39.27 1.40 0.00	38.21 1.67 0.00	42.26 2.03 0.00	47.82 2.37 0.00	48.56 2.18 0.00	64.21 2.89 0.00	59.90 2.65 0.00	48.11 2.14 0.00	47.15 1.93 0.00	37.74 1.74 0.00	38.23 1.64 0.00
N.TROY___115KV_TB1 355778	42.42 0.16 0.00	40.77 0.19 0.00	30.67 0.22 0.00	30.16 0.22 0.00	32.58 0.24 0.00	36.30 0.26 0.00	53.91 0.23 0.00	52.96 0.35 0.00	57.58 0.60 0.00	61.54 0.60 0.00	51.74 0.58 0.00	48.25 0.62 0.00	39.16 0.34 0.00	38.19 0.31 0.00	36.93 0.39 0.00	40.97 0.74 0.00	46.41 0.96 0.00	47.13 0.75 0.00	62.21 0.89 0.00	58.08 0.83 0.00	46.85 0.89 0.00	46.05 0.82 0.00	36.59 0.60 0.00	37.18 0.59 0.00
NARROWS_GT1_1 24228	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT1_2 24229	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT1_3 24230	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT1_4 24231	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT1_5 24232	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00

NARROWS_GT1_6 24233	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT1_7 24234	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT1_8 24235	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_1 24236	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_2 24237	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_3 24238	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_4 24239	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_5 24240	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_6 24241	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_7 24242	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NARROWS_GT2_8 24243	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.06 -0.19 0.00	40.38 -0.19 0.00	30.41 -0.02 0.00	29.91 -0.02 0.00	32.33 -0.01 0.00	36.41 0.38 0.00	54.25 0.58 0.00	53.41 0.79 0.00	18.26 1.17 39.89	56.00 0.93 5.87	52.00 0.85 0.00	48.27 0.64 0.00	39.09 0.27 0.00	38.18 0.31 0.00	36.94 0.40 0.00	40.89 0.66 0.00	46.01 0.56 0.00	47.09 0.72 0.00	62.95 1.63 0.00	57.86 0.61 0.00	46.58 0.62 0.00	45.76 0.53 0.00	36.35 0.36 0.00	36.98 0.40 0.00
NCHELSEA_115KV_TR2 355582	43.24 0.99 0.00	41.44 0.86 0.00	31.18 0.75 0.00	30.61 0.67 0.00	33.02 0.69 0.00	36.94 0.91 0.00	54.99 1.32 0.00	54.16 1.55 0.00	58.70 1.72 0.00	62.92 1.98 0.00	52.90 1.74 0.00	49.45 1.82 0.00	40.25 1.43 0.00	39.18 1.31 0.00	38.04 1.50 0.00	42.15 1.92 0.00	47.70 2.24 0.00	48.48 2.10 0.00	64.29 2.97 0.00	60.01 2.75 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.67 1.68 0.00	38.16 1.57 0.00
NEG CAPITAL____MECHNVIL 23645	43.17 0.92 0.00	41.46 0.88 0.00	31.16 0.73 0.00	30.65 0.73 0.00	33.13 0.79 0.00	36.93 0.90 0.00	54.96 1.29 0.00	53.98 1.37 0.00	58.62 1.64 0.00	62.63 1.70 0.00	52.60 1.45 0.00	49.00 1.37 0.00	39.78 0.96 0.00	38.80 0.93 0.00	37.49 0.95 0.00	41.65 1.42 0.00	47.21 1.75 0.00	48.07 1.69 0.00	63.48 2.16 0.00	59.20 1.95 0.00	47.67 1.71 0.00	46.81 1.58 0.00	37.14 1.15 0.00	37.71 1.12 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.87 -0.39 0.00	40.14 -0.45 0.00	29.95 -0.49 0.00	29.50 -0.44 0.00	31.86 -0.48 0.00	35.53 -0.50 0.00	53.26 -0.42 0.00	52.02 -0.59 0.00	56.39 -0.59 0.00	60.13 -0.81 0.00	50.48 -0.67 0.00	47.01 -0.62 0.00	38.29 -0.54 0.00	37.38 -0.49 0.00	35.95 -0.59 0.00	39.23 -1.00 0.00	44.16 -1.29 0.00	45.48 -0.90 0.00	60.13 -1.19 0.00	56.13 -1.13 0.00	44.85 -1.12 0.00	44.20 -1.03 0.00	35.25 -0.74 0.00	35.96 -0.63 0.00

NEG CENTRAL___DRP 24199	42.79 0.54 0.00	41.01 0.42 0.00	30.61 0.18 0.00	30.16 0.23 0.00	32.57 0.24 0.00	36.39 0.36 0.00	54.54 0.87 0.00	53.37 0.75 0.00	57.62 0.64 0.00	61.55 0.62 0.00	51.60 0.45 0.00	47.90 0.27 0.00	39.00 0.18 0.00	38.18 0.31 0.00	36.74 0.20 0.00	40.18 -0.05 0.00	45.07 -0.38 0.00	46.43 0.05 0.00	61.74 0.42 0.00	57.65 0.40 0.00	46.09 0.12 0.00	45.29 0.06 0.00	36.10 0.11 0.00	36.67 0.08 0.00
NEG CENTRAL___INDECK 23768	44.44 2.19 0.00	42.55 1.97 0.00	31.65 1.21 0.00	31.20 1.26 0.00	33.70 1.36 0.00	37.60 1.57 0.00	56.53 2.85 0.00	55.12 2.50 0.00	59.58 2.60 0.00	63.45 2.52 0.00	53.05 1.90 0.00	49.48 1.85 0.00	40.25 1.43 0.00	38.96 1.09 0.00	36.98 0.44 0.00	40.03 -0.20 0.00	45.01 -0.44 0.00	47.11 0.73 0.00	62.98 1.66 0.00	59.03 1.77 0.00	47.00 1.03 0.00	46.27 1.05 0.00	36.82 0.84 0.00	37.49 0.90 0.00
NEG CENTRAL___SENECA 23627	43.12 0.87 0.00	41.31 0.73 0.00	30.79 0.36 0.00	30.35 0.42 0.00	32.78 0.45 0.00	36.62 0.59 0.00	54.95 1.27 0.00	53.73 1.12 0.00	57.95 0.97 0.00	61.90 0.96 0.00	51.85 0.70 0.00	48.04 0.41 0.00	39.13 0.30 0.00	38.37 0.50 0.00	36.85 0.31 0.00	40.19 -0.03 0.00	45.05 -0.41 0.00	46.53 0.15 0.00	61.88 0.55 0.00	57.80 0.54 0.00	46.13 0.17 0.00	45.34 0.11 0.00	36.19 0.19 0.00	36.76 0.17 0.00
NEG CENTRAL___STATE_STREET 24147	42.57 0.32 0.00	40.84 0.26 0.00	30.54 0.11 0.00	30.08 0.15 0.00	32.48 0.14 0.00	36.32 0.29 0.00	54.33 0.66 0.00	53.16 0.55 0.00	57.48 0.50 0.00	61.43 0.50 0.00	51.58 0.42 0.00	47.91 0.28 0.00	38.93 0.11 0.00	38.05 0.18 0.00	36.80 0.25 0.00	40.43 0.20 0.00	45.38 -0.08 0.00	46.50 0.12 0.00	61.94 0.62 0.00	57.83 0.57 0.00	46.28 0.32 0.00	45.47 0.25 0.00	36.19 0.20 0.00	36.70 0.11 0.00
NEG MILLWOOD___DRP 24198	43.24 0.99 0.00	41.43 0.85 0.00	31.19 0.75 0.00	30.61 0.68 0.00	33.04 0.70 0.00	36.95 0.92 0.00	54.99 1.32 0.00	54.17 1.55 0.00	58.74 1.76 0.00	62.98 2.04 0.00	52.98 1.83 0.00	49.55 1.92 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.13 1.59 0.00	42.23 2.00 0.00	47.78 2.32 0.00	48.51 2.13 0.00	64.30 2.98 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.69 1.70 0.00	38.18 1.60 0.00
NEG NORTH_FLCN_SEA 23793	43.80 1.55 0.00	42.18 1.60 0.00	31.51 1.07 0.00	31.07 1.13 0.00	33.61 1.28 0.00	37.19 1.15 0.00	54.61 0.93 0.00	52.96 0.34 0.00	57.25 0.27 0.00	61.06 0.12 0.00	51.00 -0.15 0.00	47.01 -0.63 0.00	38.92 0.10 0.00	38.15 0.28 0.00	36.76 0.23 0.00	40.64 0.41 0.00	44.95 -0.50 0.00	45.60 -0.78 0.00	60.04 -1.28 0.00	56.26 -1.00 0.00	45.32 -0.64 0.00	44.95 -0.27 0.00	35.85 -0.13 0.00	36.33 -0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	43.41 1.16 0.00	41.84 1.26 0.00	31.20 0.76 0.00	30.78 0.85 0.00	33.30 0.97 0.00	37.02 0.99 0.00	54.92 1.24 0.00	53.76 1.15 0.00	58.10 1.12 0.00	62.04 1.11 0.00	51.88 0.72 0.00	48.05 0.42 0.00	39.42 0.59 0.00	38.50 0.63 0.00	37.04 0.50 0.00	40.73 0.50 0.00	45.65 0.20 0.00	46.53 0.15 0.00	61.41 0.09 0.00	57.35 0.10 0.00	45.95 -0.02 0.00	45.28 0.06 0.00	35.97 -0.02 0.00	36.47 -0.12 0.00
NEG NORTH___ALICE_FALLS 23915	43.94 1.69 0.00	42.32 1.74 0.00	31.59 1.16 0.00	31.16 1.23 0.00	33.72 1.38 0.00	37.39 1.36 0.00	55.24 1.56 0.00	53.82 1.20 0.00	58.16 1.18 0.00	62.01 1.08 0.00	51.79 0.63 0.00	47.76 0.13 0.00	39.40 0.57 0.00	38.55 0.68 0.00	37.15 0.61 0.00	41.07 0.84 0.00	45.57 0.12 0.00	46.33 -0.06 0.00	61.17 -0.15 0.00	57.30 0.05 0.00	46.03 0.06 0.00	45.48 0.25 0.00	36.17 0.18 0.00	36.61 0.02 0.00
NEG NORTH___LWR_SARANAC 23913	43.94 1.69 0.00	42.32 1.74 0.00	31.59 1.16 0.00	31.16 1.23 0.00	33.72 1.38 0.00	37.39 1.36 0.00	55.24 1.56 0.00	53.82 1.20 0.00	58.16 1.18 0.00	62.01 1.08 0.00	51.79 0.63 0.00	47.76 0.13 0.00	39.40 0.57 0.00	38.55 0.68 0.00	37.15 0.61 0.00	41.07 0.84 0.00	45.57 0.12 0.00	46.33 -0.06 0.00	61.17 -0.15 0.00	57.30 0.05 0.00	46.03 0.06 0.00	45.48 0.25 0.00	36.17 0.18 0.00	36.61 0.02 0.00
NEG NORTH___PLATTSBURG 23628	43.94 1.68 0.00	42.32 1.74 0.00	31.59 1.16 0.00	31.16 1.23 0.00	33.71 1.38 0.00	37.39 1.35 0.00	55.24 1.56 0.00	53.82 1.20 0.00	58.17 1.19 0.00	62.01 1.08 0.00	51.79 0.63 0.00	47.76 0.13 0.00	39.40 0.57 0.00	38.55 0.68 0.00	37.15 0.61 0.00	41.07 0.84 0.00	45.57 0.12 0.00	46.33 -0.06 0.00	61.17 -0.15 0.00	57.30 0.05 0.00	46.03 0.06 0.00	45.48 0.25 0.00	36.17 0.18 0.00	36.61 0.02 0.00
NEG WEST_LEA_LOCKPORT 23791	43.11 0.86 0.00	41.35 0.77 0.00	30.71 0.28 0.00	30.27 0.34 0.00	32.65 0.32 0.00	36.24 0.21 0.00	54.09 0.42 0.00	52.10 -0.51 0.00	56.49 -0.49 0.00	60.24 -0.70 0.00	50.56 -0.60 0.00	47.22 -0.41 0.00	38.58 -0.24 0.00	37.75 -0.12 0.00	36.16 -0.38 0.00	38.93 -1.30 0.00	43.35 -2.11 0.00	44.65 -1.73 0.00	58.79 -2.53 0.00	54.92 -2.33 0.00	43.82 -2.15 0.00	43.61 -1.61 0.00	35.14 -0.85 0.00	36.30 -0.28 0.00
NEG WEST___LANCASTR 23811	42.98 0.73 0.00	41.19 0.61 0.00	30.56 0.12 0.00	30.13 0.19 0.00	32.47 0.14 0.00	36.12 0.08 0.00	54.06 0.39 0.00	52.17 -0.44 0.00	56.19 -0.79 0.00	60.41 -0.52 0.00	50.91 -0.25 0.00	47.56 -0.07 0.00	38.69 -0.13 0.00	37.98 0.11 0.00	36.39 -0.15 0.00	39.33 -0.90 0.00	43.96 -1.49 0.00	45.28 -1.10 0.00	59.73 -1.59 0.00	55.77 -1.48 0.00	44.43 -1.54 0.00	43.99 -1.24 0.00	35.30 -0.69 0.00	36.21 -0.38 0.00
NEG_PENN_ALLEGHNY 23528	42.88 0.63 0.00	41.06 0.48 0.00	30.66 0.22 0.00	30.21 0.27 0.00	32.59 0.25 0.00	36.36 0.33 0.00	54.38 0.70 0.00	53.18 0.56 0.00	57.34 0.36 0.00	61.37 0.44 0.00	51.47 0.32 0.00	48.08 0.45 0.00	39.10 0.28 0.00	38.30 0.43 0.00	36.93 0.39 0.00	40.60 0.36 0.00	45.80 0.34 0.00	46.97 0.59 0.00	62.18 0.87 0.00	58.06 0.81 0.00	46.47 0.51 0.00	45.63 0.40 0.00	36.29 0.30 0.00	36.88 0.29 0.00
NEG___GEN_MONROE 24207	43.37 1.12 0.00	41.63 1.05 0.00	31.07 0.63 0.00	30.53 0.59 0.00	32.99 0.66 0.00	36.77 0.73 0.00	55.19 1.52 0.00	53.59 0.97 0.00	58.02 1.04 0.00	61.80 0.86 0.00	51.84 0.69 0.00	48.31 0.68 0.00	39.34 0.52 0.00	38.32 0.45 0.00	36.75 0.21 0.00	39.98 -0.25 0.00	44.92 -0.54 0.00	46.35 -0.03 0.00	61.43 0.11 0.00	57.36 0.10 0.00	45.80 -0.16 0.00	45.22 0.00 0.00	36.14 0.15 0.00	36.97 0.38 0.00
NEPA___ENERGY 23901	43.30 1.05 0.00	41.44 0.86 0.00	30.63 0.19 0.00	30.26 0.33 0.00	32.57 0.23 0.00	36.33 0.30 0.00	54.49 0.82 0.00	52.93 0.31 0.00	56.95 -0.04 0.00	61.01 0.07 0.00	50.83 -0.32 0.00	47.64 0.01 0.00	38.68 -0.14 0.00	38.06 0.19 0.00	36.50 -0.04 0.00	39.77 -0.46 0.00	44.56 -0.90 0.00	46.00 -0.39 0.00	60.95 -0.37 0.00	56.91 -0.34 0.00	45.23 -0.74 0.00	44.56 -0.67 0.00	35.54 -0.45 0.00	36.36 -0.22 0.00

NEVERSINK___HYD 23608	42.96 0.71 0.00	41.16 0.58 0.00	30.91 0.48 0.00	30.36 0.43 0.00	32.77 0.44 0.00	36.65 0.61 0.00	54.70 1.03 0.00	53.93 1.32 0.00	55.22 1.34 3.11	61.96 1.49 0.46	52.39 1.23 0.00	48.84 1.21 0.00	39.56 0.74 0.00	37.43 -0.44 0.00	36.36 -0.18 0.00	40.34 0.10 0.00	45.75 0.29 0.00	46.66 0.27 0.00	62.22 0.90 0.00	59.66 2.41 0.00	47.91 1.94 0.00	46.95 1.72 0.00	37.34 1.35 0.00	37.78 1.19 0.00
NEWKRMKL_115KV_TB1 55635	41.63 -0.63 0.00	40.02 -0.56 0.00	30.15 -0.29 0.00	29.64 -0.29 0.00	32.02 -0.31 0.00	35.67 -0.36 0.00	52.91 -0.76 0.00	51.97 -0.64 0.00	56.46 -0.53 0.00	60.38 -0.55 0.00	50.80 -0.36 0.00	47.40 -0.23 0.00	38.52 -0.31 0.00	37.59 -0.28 0.00	36.42 -0.12 0.00	40.31 0.08 0.00	45.63 0.17 0.00	46.30 -0.08 0.00	61.14 -0.17 0.00	57.07 -0.18 0.00	46.00 0.03 0.00	45.20 -0.02 0.00	35.95 -0.04 0.00	36.55 -0.04 0.00
NEWTON___FALLS_HYD 23847	43.94 1.68 0.00	42.31 1.73 0.00	31.65 1.21 0.00	31.14 1.21 0.00	33.70 1.37 0.00	37.69 1.65 0.00	56.38 2.71 0.00	55.38 2.77 0.00	59.88 2.90 0.00	63.83 2.90 0.00	53.25 2.09 0.00	49.42 1.79 0.00	40.29 1.47 0.00	39.24 1.37 0.00	37.72 1.18 0.00	41.36 1.13 0.00	46.23 0.78 0.00	47.27 0.89 0.00	63.21 1.89 0.00	59.13 1.88 0.00	47.38 1.41 0.00	46.64 1.41 0.00	36.96 0.97 0.00	37.56 0.98 0.00
NGRID_A1_DSASP 323792	42.70 0.45 0.00	40.99 0.41 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.04 0.00	35.91 -0.12 0.00	53.65 -0.02 0.00	51.47 -1.14 0.00	55.72 -1.26 0.00	59.46 -1.47 0.00	49.91 -1.25 0.00	46.65 -0.98 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.88 0.00	42.95 -2.28 0.00	34.85 -1.14 0.00	36.00 -0.59 0.00
NGRID_A2_DSASP 323793	42.70 0.45 0.00	40.99 0.41 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.04 0.00	35.91 -0.12 0.00	53.65 -0.02 0.00	51.47 -1.14 0.00	55.72 -1.26 0.00	59.46 -1.47 0.00	49.91 -1.25 0.00	46.65 -0.98 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.88 0.00	42.95 -2.28 0.00	34.85 -1.14 0.00	36.00 -0.59 0.00
NGRID_A4_DSASP 323807	42.70 0.45 0.00	40.99 0.41 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.04 0.00	35.91 -0.12 0.00	53.65 -0.02 0.00	51.47 -1.14 0.00	55.72 -1.26 0.00	59.46 -1.47 0.00	49.91 -1.25 0.00	46.65 -0.98 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.88 0.00	42.95 -2.28 0.00	34.85 -1.14 0.00	36.00 -0.59 0.00
NIAGARA_115E_LBMP 323715	42.63 0.38 0.00	40.89 0.31 0.00	30.38 -0.05 0.00	29.93 0.00 0.00	32.30 -0.04 0.00	35.82 -0.21 0.00	53.36 -0.32 0.00	51.25 -1.36 0.00	55.61 -1.37 0.00	59.33 -1.60 0.00	49.82 -1.34 0.00	46.57 -1.06 0.00	38.09 -0.74 0.00	37.28 -0.59 0.00	35.72 -0.83 0.00	38.39 -1.84 0.00	42.69 -2.76 0.00	43.89 -2.50 0.00	57.65 -3.67 0.00	53.87 -3.38 0.00	43.02 -2.95 0.00	42.90 -2.32 0.00	34.57 -1.42 0.00	35.84 -0.74 0.00
NIAGARA_115W_LBMP 323714	42.63 0.38 0.00	40.94 0.36 0.00	30.40 -0.03 0.00	29.98 0.05 0.00	32.32 -0.01 0.00	35.86 -0.18 0.00	53.57 -0.10 0.00	51.38 -1.24 0.00	55.61 -1.37 0.00	59.35 -1.59 0.00	49.80 -1.35 0.00	46.56 -1.07 0.00	38.09 -0.74 0.00	37.29 -0.58 0.00	35.74 -0.80 0.00	38.50 -1.73 0.00	42.80 -2.65 0.00	43.92 -2.46 0.00	57.64 -3.69 0.00	53.85 -3.41 0.00	42.99 -2.97 0.00	42.86 -2.36 0.00	34.80 -1.19 0.00	35.95 -0.64 0.00
NIAGARA_230_LBMP 323716	42.73 0.48 0.00	40.99 0.41 0.00	30.45 0.02 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.92 -0.11 0.00	53.65 -0.03 0.00	51.68 -0.93 0.00	56.04 -0.94 0.00	59.82 -1.12 0.00	50.18 -0.97 0.00	46.91 -0.72 0.00	38.37 -0.46 0.00	37.61 -0.26 0.00	36.04 -0.50 0.00	38.82 -1.40 0.00	43.22 -2.23 0.00	44.39 -1.99 0.00	58.31 -3.01 0.00	54.46 -2.80 0.00	43.44 -2.53 0.00	43.25 -1.98 0.00	34.91 -1.09 0.00	36.03 -0.56 0.00
NIAGARA___115KV_198_GIBSON 55903	42.63 0.38 0.00	40.95 0.36 0.00	30.40 -0.03 0.00	29.97 0.04 0.00	32.32 -0.01 0.00	35.86 -0.18 0.00	53.57 -0.10 0.00	51.37 -1.24 0.00	55.61 -1.37 0.00	59.34 -1.59 0.00	49.83 -1.33 0.00	46.55 -1.08 0.00	38.09 -0.74 0.00	37.29 -0.58 0.00	35.74 -0.80 0.00	38.50 -1.73 0.00	42.80 -2.66 0.00	43.92 -2.46 0.00	57.64 -3.68 0.00	53.85 -3.40 0.00	43.00 -2.97 0.00	42.86 -2.36 0.00	34.81 -1.18 0.00	35.95 -0.64 0.00
NIAGARA____ 23760	42.73 0.48 0.00	40.99 0.41 0.00	30.45 0.02 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.92 -0.11 0.00	53.65 -0.03 0.00	51.68 -0.93 0.00	56.04 -0.94 0.00	59.82 -1.12 0.00	50.18 -0.97 0.00	46.91 -0.72 0.00	38.37 -0.46 0.00	37.61 -0.26 0.00	36.04 -0.50 0.00	38.82 -1.40 0.00	43.22 -2.23 0.00	44.39 -1.99 0.00	58.31 -3.01 0.00	54.46 -2.80 0.00	43.44 -2.53 0.00	43.25 -1.98 0.00	34.91 -1.09 0.00	36.03 -0.56 0.00
NINE_MILE_1 23575	41.05 -1.20 0.00	39.37 -1.21 0.00	29.51 -0.93 0.00	29.04 -0.90 0.00	31.36 -0.97 0.00	34.98 -1.05 0.00	52.19 -1.49 0.00	51.11 -1.51 0.00	55.35 -1.63 0.00	59.16 -1.78 0.00	49.68 -1.48 0.00	46.26 -1.37 0.00	37.68 -1.14 0.00	36.78 -1.09 0.00	35.49 -1.04 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.03 -1.35 0.00	59.59 -1.74 0.00	55.64 -1.62 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.94 -1.05 0.00	35.52 -1.07 0.00
NINE_MILE_2 23744	41.05 -1.20 0.00	39.38 -1.20 0.00	29.52 -0.92 0.00	29.04 -0.90 0.00	31.37 -0.97 0.00	34.99 -1.05 0.00	52.19 -1.49 0.00	51.11 -1.50 0.00	55.35 -1.63 0.00	59.17 -1.77 0.00	49.68 -1.48 0.00	46.27 -1.37 0.00	37.69 -1.14 0.00	36.78 -1.09 0.00	35.50 -1.04 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.03 -1.35 0.00	59.60 -1.72 0.00	55.64 -1.61 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.95 -1.05 0.00	35.52 -1.07 0.00
NM_CAPITAL___DRP 24208	41.72 -0.53 0.00	40.12 -0.46 0.00	30.22 -0.22 0.00	29.71 -0.22 0.00	32.09 -0.24 0.00	35.74 -0.30 0.00	52.99 -0.69 0.00	52.01 -0.61 0.00	56.52 -0.46 0.00	60.45 -0.49 0.00	50.86 -0.29 0.00	47.46 -0.17 0.00	38.55 -0.27 0.00	37.68 -0.19 0.00	36.50 -0.04 0.00	40.40 0.17 0.00	45.74 0.29 0.00	46.40 0.02 0.00	61.28 -0.04 0.00	57.19 -0.06 0.00	46.11 0.15 0.00	45.36 0.13 0.00	36.07 0.08 0.00	36.68 0.10 0.00
NM_CENTRAL___DRP 24181	41.83 -0.42 0.00	40.09 -0.49 0.00	30.03 -0.40 0.00	29.56 -0.38 0.00	31.93 -0.41 0.00	35.62 -0.41 0.00	53.18 -0.50 0.00	52.10 -0.52 0.00	56.40 -0.58 0.00	60.29 -0.64 0.00	50.64 -0.52 0.00	47.16 -0.47 0.00	38.41 -0.41 0.00	37.51 -0.35 0.00	36.20 -0.34 0.00	39.81 -0.42 0.00	44.91 -0.54 0.00	45.95 -0.43 0.00	60.81 -0.51 0.00	56.77 -0.49 0.00	45.50 -0.47 0.00	44.73 -0.50 0.00	35.63 -0.37 0.00	36.20 -0.39 0.00

NM_FRONTIER___DRP 24179	42.63 0.38 0.00	40.95 0.36 0.00	30.40 -0.03 0.00	29.97 0.04 0.00	32.32 -0.01 0.00	35.86 -0.18 0.00	53.57 -0.10 0.00	51.37 -1.24 0.00	55.61 -1.37 0.00	59.34 -1.59 0.00	49.83 -1.33 0.00	46.55 -1.08 0.00	38.09 -0.74 0.00	37.29 -0.58 0.00	35.74 -0.80 0.00	38.50 -1.73 0.00	42.80 -2.66 0.00	43.92 -2.46 0.00	57.64 -3.68 0.00	53.85 -3.40 0.00	43.00 -2.97 0.00	42.86 -2.36 0.00	34.81 -1.18 0.00	35.95 -0.64 0.00
NM_ST_REGIS___HYD 24053	44.16 1.91 0.00	42.56 1.98 0.00	31.79 1.35 0.00	31.30 1.36 0.00	33.86 1.53 0.00	37.78 1.74 0.00	56.36 2.68 0.00	55.31 2.70 0.00	59.77 2.79 0.00	63.76 2.82 0.00	53.24 2.09 0.00	49.34 1.71 0.00	40.33 1.51 0.00	39.31 1.44 0.00	37.78 1.24 0.00	41.46 1.23 0.00	46.16 0.71 0.00	46.88 0.50 0.00	62.39 1.08 0.00	58.38 1.12 0.00	46.86 0.89 0.00	46.29 1.07 0.00	36.83 0.84 0.00	37.36 0.78 0.00
NORTHPORT___1 23551	42.45 0.20 0.00	40.85 0.27 0.00	31.02 0.59 0.00	30.27 0.34 0.00	32.50 0.16 0.00	35.95 -0.08 0.00	53.19 -0.48 0.01	52.53 -0.08 0.01	56.92 -0.06 0.01	61.25 0.32 0.00	51.54 0.39 0.00	47.73 0.11 0.00	39.25 0.43 0.00	38.34 0.47 0.00	37.49 0.95 0.00	40.96 0.73 0.00	46.65 1.19 0.00	47.05 0.67 0.00	60.93 0.55 0.94	56.53 0.54 1.26	45.70 0.74 1.01	44.82 0.51 0.91	36.97 0.98 0.00	37.76 1.17 0.00
NORTHPORT___2 23552	42.45 0.20 0.00	40.85 0.27 0.00	31.02 0.59 0.00	30.27 0.34 0.00	32.50 0.16 0.00	35.95 -0.08 0.00	53.19 -0.48 0.01	52.53 -0.08 0.01	56.92 -0.06 0.01	61.25 0.32 0.00	51.54 0.39 0.00	47.73 0.11 0.00	39.25 0.43 0.00	38.34 0.47 0.00	37.49 0.95 0.00	40.96 0.73 0.00	46.65 1.19 0.00	47.05 0.67 0.00	60.93 0.55 0.94	56.53 0.54 1.26	45.70 0.74 1.01	44.82 0.51 0.91	36.97 0.98 0.00	37.76 1.17 0.00
NORTHPORT___3 23553	42.22 -0.04 0.00	40.60 0.02 0.00	30.82 0.38 0.00	30.09 0.15 0.00	32.30 -0.03 0.00	35.79 -0.25 0.00	52.93 -0.75 0.00	52.17 -0.45 0.00	56.46 -0.52 0.00	60.86 -0.07 0.00	51.21 0.05 0.00	47.47 -0.16 0.00	39.05 0.23 0.00	38.09 0.22 0.00	37.20 0.66 0.00	40.69 0.46 0.00	46.28 0.82 0.00	46.68 0.30 0.00	42.25 0.58 19.66	31.05 0.69 26.90	25.70 0.74 21.01	26.70 0.50 19.03	36.75 0.77 0.01	37.43 0.84 0.00
NORTHPORT___4 23650	42.22 -0.04 0.00	40.60 0.02 0.00	30.82 0.38 0.00	30.09 0.15 0.00	32.30 -0.03 0.00	35.79 -0.25 0.00	52.93 -0.75 0.00	52.17 -0.45 0.00	56.46 -0.52 0.00	60.86 -0.07 0.00	51.21 0.05 0.00	47.47 -0.16 0.00	39.05 0.23 0.00	38.09 0.22 0.00	37.20 0.66 0.00	40.69 0.46 0.00	46.28 0.82 0.00	46.68 0.30 0.00	42.25 0.58 19.66	31.05 0.69 26.90	25.70 0.74 21.01	26.70 0.50 19.03	36.75 0.77 0.01	37.43 0.84 0.00
NORTHPORT___IC 23718	42.45 0.20 0.00	40.85 0.27 0.00	31.02 0.58 0.00	30.27 0.34 0.00	32.50 0.16 0.00	35.95 -0.08 0.00	53.20 -0.48 0.00	52.54 -0.08 0.00	56.92 -0.06 0.00	61.25 0.32 0.00	51.54 0.38 0.00	47.73 0.10 0.00	39.26 0.44 0.00	38.33 0.46 0.00	37.50 0.96 0.00	40.96 0.73 0.00	46.65 1.19 0.00	47.05 0.67 0.00	60.93 0.55 0.94	56.54 0.54 1.26	45.71 0.75 1.01	44.82 0.51 0.91	36.97 0.98 0.00	37.76 1.17 0.00
NORTH___COUNTRY_ESR 323785	43.33 1.08 0.00	41.75 1.17 0.00	31.16 0.73 0.00	30.73 0.80 0.00	33.24 0.90 0.00	36.96 0.92 0.00	54.88 1.21 0.00	53.68 1.07 0.00	58.06 1.08 0.00	62.01 1.08 0.00	51.87 0.72 0.00	48.05 0.42 0.00	39.42 0.59 0.00	38.49 0.63 0.00	37.04 0.50 0.00	40.72 0.49 0.00	45.65 0.19 0.00	46.52 0.14 0.00	61.38 0.06 0.00	57.33 0.08 0.00	45.95 -0.02 0.00	45.27 0.05 0.00	35.97 -0.02 0.00	36.47 -0.12 0.00
NPX_GEN_1385_PROXY 323591	42.32 -0.56 -0.62	40.16 -0.41 0.00	30.47 0.04 0.00	29.73 -0.20 0.00	31.01 -0.19 1.14	35.88 -0.16 0.00	53.94 -0.62 -0.89	51.74 -0.87 0.01	56.10 -0.87 0.01	61.08 0.15 0.00	51.44 0.29 0.00	47.13 -0.50 0.00	38.71 -0.11 0.00	37.64 -0.23 0.00	37.09 0.55 0.00	39.48 0.02 0.76	46.37 0.92 0.00	46.68 0.29 0.00	52.43 -0.59 8.31	41.07 -0.49 15.69	45.17 0.21 1.01	43.86 0.10 1.47	36.63 0.64 0.00	37.27 0.69 0.00
NPX_GEN_CSC 323557	42.72 -0.15 -0.62	40.49 -0.09 0.00	30.94 0.50 0.00	30.22 0.28 0.00	31.31 0.11 1.14	35.67 -0.36 0.00	53.70 -0.87 -0.90	52.08 -0.52 0.01	56.19 -0.61 0.18	60.68 -0.25 0.00	51.07 -0.08 0.00	47.34 -0.29 0.00	39.02 0.19 0.00	38.17 0.30 0.00	37.25 0.70 0.00	40.75 0.53 0.00	46.37 0.91 0.00	46.78 0.40 0.00	60.24 0.32 1.40	55.68 0.31 1.88	45.09 0.62 1.50	43.67 0.35 1.91	36.96 0.97 0.00	37.89 1.31 0.00
NSINS_S_GLNS_FALLS 23858	43.24 0.99 0.00	41.54 0.96 0.00	31.21 0.78 0.00	30.72 0.80 0.00	33.24 0.90 0.00	37.06 1.03 0.00	55.13 1.45 0.00	54.16 1.55 0.00	58.88 1.90 0.00	62.93 1.99 0.00	52.75 1.59 0.00	49.04 1.41 0.00	39.72 0.90 0.00	38.78 0.91 0.00	37.45 0.91 0.00	41.75 1.52 0.00	47.39 1.93 0.00	48.34 1.96 0.00	63.79 2.47 0.00	59.51 2.26 0.00	47.93 1.96 0.00	47.04 1.81 0.00	37.23 1.24 0.00	37.76 1.17 0.00
NUCOR_STEEL___DRP 24197	42.49 0.24 0.00	40.77 0.19 0.00	30.50 0.07 0.00	30.03 0.10 0.00	32.42 0.09 0.00	36.26 0.23 0.00	54.22 0.55 0.00	53.05 0.44 0.00	57.38 0.40 0.00	61.33 0.39 0.00	51.51 0.35 0.00	47.85 0.22 0.00	38.88 0.06 0.00	37.97 0.10 0.00	36.75 0.21 0.00	40.41 0.18 0.00	45.35 -0.10 0.00	46.44 0.06 0.00	61.87 0.55 0.00	57.75 0.50 0.00	46.24 0.27 0.00	45.44 0.21 0.00	36.16 0.16 0.00	36.65 0.06 0.00
NUMBER_THREE_WT_PWR 323818	43.76 1.51 0.00	42.11 1.53 0.00	31.53 1.10 0.00	31.05 1.12 0.00	33.58 1.25 0.00	37.61 1.58 0.00	56.39 2.71 0.00	55.44 2.82 0.00	59.98 3.00 0.00	63.92 2.99 0.00	53.35 2.19 0.00	49.57 1.93 0.00	40.31 1.49 0.00	39.30 1.43 0.00	37.81 1.27 0.00	41.61 1.39 0.00	46.73 1.27 0.00	48.01 1.63 0.00	64.18 2.86 0.00	60.01 2.76 0.00	47.85 1.88 0.00	46.88 1.65 0.00	36.96 0.97 0.00	37.62 1.03 0.00
NYISO_LBMP_REFERENCE 24008	42.25 0.00 0.00	40.58 0.00 0.00	30.43 0.00 0.00	29.93 0.00 0.00	32.34 0.00 0.00	36.03 0.00 0.00	53.67 0.00 0.00	52.61 0.00 0.00	56.98 0.00 0.00	60.93 0.00 0.00	51.16 0.00 0.00	47.63 0.00 0.00	38.82 0.00 0.00	37.87 0.00 0.00	36.54 0.00 0.00	40.23 0.00 0.00	45.45 0.00 0.00	46.38 0.00 0.00	61.32 0.00 0.00	57.25 0.00 0.00	45.97 0.00 0.00	45.23 0.00 0.00	35.99 0.00 0.00	36.59 0.00 0.00
NYPA_BRENTWD____GT 24164	42.76 0.51 0.00	41.10 0.53 0.00	31.21 0.77 0.00	30.47 0.54 0.00	32.73 0.40 0.00	36.31 0.27 0.00	53.82 0.15 0.00	53.09 0.47 0.00	57.49 0.53 0.02	61.70 0.77 0.00	52.00 0.85 0.00	48.29 0.66 0.00	39.69 0.87 0.00	38.78 0.91 0.00	37.89 1.35 0.00	41.50 1.27 0.00	47.23 1.78 0.00	47.73 1.35 0.00	60.96 1.52 1.88	56.17 1.46 2.54	45.48 1.53 2.01	44.71 1.31 1.82	37.43 1.44 0.00	38.19 1.60 0.00

NYPA_GOWANUS____GT5 24156	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NYPA_GOWANUS____GT6 24157	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.79 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.71 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.75 2.49 0.00	48.00 2.03 0.00	47.06 1.84 0.00	37.71 1.72 0.00	38.22 1.64 0.00
NYPA_HARLEM__RVR__GT1 24160	42.98 0.72 0.00	41.25 0.67 0.00	31.13 0.69 0.00	30.50 0.57 0.00	32.86 0.53 0.00	36.76 0.73 0.00	54.55 0.88 0.01	53.82 1.20 0.00	58.41 1.43 0.00	62.72 1.79 0.00	52.76 1.60 0.00	49.47 1.84 0.00	40.28 1.45 0.00	39.14 1.27 0.00	38.06 1.52 0.00	42.11 1.88 0.00	47.65 2.20 0.00	48.39 2.01 0.00	63.98 2.66 0.00	59.68 2.43 0.00	47.94 1.97 0.00	47.00 1.77 0.00	37.64 1.65 0.00	38.16 1.57 0.00
NYPA_HARLEM__RVR__GT2 24161	42.98 0.72 0.00	41.25 0.67 0.00	31.13 0.69 0.00	30.50 0.57 0.00	32.86 0.53 0.00	36.76 0.73 0.00	54.55 0.88 0.01	53.82 1.20 0.00	58.41 1.43 0.00	62.72 1.79 0.00	52.76 1.60 0.00	49.47 1.84 0.00	40.28 1.45 0.00	39.14 1.27 0.00	38.06 1.52 0.00	42.11 1.88 0.00	47.65 2.20 0.00	48.39 2.01 0.00	63.98 2.66 0.00	59.68 2.43 0.00	47.94 1.97 0.00	47.00 1.77 0.00	37.64 1.65 0.00	38.16 1.57 0.00
NYPA_KENT____GT 24152	43.14 0.89 0.00	41.35 0.77 0.00	31.26 0.83 0.00	30.61 0.67 0.00	32.97 0.63 0.00	36.88 0.84 0.00	54.64 0.97 0.00	53.73 1.12 0.00	58.29 1.31 0.00	62.60 1.67 0.00	52.65 1.50 0.00	49.39 1.76 0.00	40.26 1.44 0.00	39.21 1.34 0.00	38.11 1.57 0.00	42.16 1.93 0.00	47.68 2.23 0.00	48.41 2.03 0.00	64.04 2.72 0.00	59.73 2.48 0.00	47.99 2.02 0.00	47.09 1.87 0.00	37.74 1.75 0.00	38.25 1.67 0.00
NYPA_POUCH1____GT 24155	43.02 0.77 0.00	41.23 0.65 0.00	31.21 0.78 0.00	30.51 0.58 0.00	32.83 0.50 0.00	36.72 0.69 0.00	54.34 0.66 0.00	53.40 0.78 0.00	57.94 0.96 0.00	62.25 1.31 0.00	52.33 1.17 0.00	49.18 1.55 0.00	39.99 1.17 0.00	38.96 1.09 0.00	37.88 1.34 0.00	41.89 1.66 0.00	47.41 1.95 0.00	48.13 1.75 0.00	63.82 2.50 0.00	59.57 2.32 0.00	47.86 1.90 0.00	46.92 1.69 0.00	37.62 1.63 0.00	38.13 1.54 0.00
NYPA_VERNON____GT2 24162	43.15 0.90 0.00	41.37 0.80 0.00	31.26 0.83 0.00	30.64 0.71 0.00	33.03 0.69 0.00	36.94 0.91 0.00	54.73 1.06 0.00	53.82 1.20 0.00	58.36 1.38 0.00	62.67 1.74 0.00	52.76 1.61 0.00	49.48 1.85 0.00	40.36 1.53 0.00	39.28 1.41 0.00	38.19 1.64 0.00	42.23 2.00 0.00	47.76 2.30 0.00	48.49 2.11 0.00	64.12 2.80 0.00	59.77 2.52 0.00	48.02 2.06 0.00	47.12 1.89 0.00	37.76 1.77 0.00	38.28 1.69 0.00
NYPA_VERNON____GT3 24163	43.15 0.90 0.00	41.37 0.80 0.00	31.26 0.83 0.00	30.64 0.71 0.00	33.03 0.69 0.00	36.94 0.91 0.00	54.73 1.06 0.00	53.82 1.20 0.00	58.36 1.38 0.00	62.67 1.74 0.00	52.76 1.61 0.00	49.48 1.85 0.00	40.36 1.53 0.00	39.28 1.41 0.00	38.19 1.64 0.00	42.23 2.00 0.00	47.76 2.30 0.00	48.49 2.11 0.00	64.12 2.80 0.00	59.77 2.52 0.00	48.02 2.06 0.00	47.12 1.89 0.00	37.76 1.77 0.00	38.28 1.69 0.00
NYPA____ASTORIA_CC1 323568	43.12 0.86 0.00	41.35 0.77 0.00	31.25 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 1.00 0.00	53.74 1.13 0.00	58.27 1.30 0.00	62.58 1.64 0.00	52.68 1.52 0.00	49.42 1.78 0.00	40.30 1.48 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.23 0.00	48.42 2.04 0.00	64.00 2.68 0.00	59.68 2.42 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
NYPA____ASTORIA_CC2 323569	43.12 0.86 0.00	41.35 0.77 0.00	31.25 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.67 1.00 0.00	53.74 1.13 0.00	58.27 1.30 0.00	62.58 1.64 0.00	52.68 1.52 0.00	49.42 1.78 0.00	40.30 1.48 0.00	39.23 1.36 0.00	38.14 1.60 0.00	42.18 1.95 0.00	47.69 2.23 0.00	48.42 2.04 0.00	64.00 2.68 0.00	59.68 2.42 0.00	47.94 1.97 0.00	47.04 1.81 0.00	37.71 1.72 0.00	38.24 1.65 0.00
NYPA____HOLTSVILL 23794	42.45 0.20 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.60 0.26 0.00	35.95 -0.08 0.00	53.20 -0.48 0.00	52.45 -0.15 0.01	56.59 -0.21 0.18	61.10 0.17 0.00	51.43 0.28 0.00	47.68 0.05 0.00	39.30 0.47 0.00	38.44 0.58 0.00	37.50 0.96 0.00	41.04 0.81 0.00	46.66 1.21 0.00	47.06 0.68 0.00	60.69 0.67 1.30	56.14 0.63 1.74	45.47 0.89 1.39	44.61 0.64 1.26	37.16 1.17 0.00	38.04 1.45 0.00
NYPA____HELLGATE_GT1 24158	42.98 0.72 0.00	41.25 0.67 0.00	31.13 0.69 0.00	30.50 0.57 0.00	32.86 0.53 0.00	36.76 0.73 0.00	54.65 0.97 0.00	53.91 1.30 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.84 1.69 0.00	49.55 1.92 0.00	40.35 1.52 0.00	39.20 1.33 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.73 2.27 0.00	48.46 2.07 0.00	64.09 2.76 0.00	59.79 2.53 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.67 1.68 0.00	38.16 1.57 0.00
NYPA____HELLGATE_GT2 24159	42.98 0.72 0.00	41.25 0.67 0.00	31.13 0.69 0.00	30.50 0.57 0.00	32.86 0.53 0.00	36.76 0.73 0.00	54.65 0.97 0.00	53.91 1.30 0.00	58.51 1.53 0.00	62.84 1.91 0.00	52.84 1.69 0.00	49.55 1.92 0.00	40.35 1.52 0.00	39.20 1.33 0.00	38.13 1.59 0.00	42.18 1.95 0.00	47.73 2.27 0.00	48.46 2.07 0.00	64.09 2.76 0.00	59.79 2.53 0.00	48.02 2.05 0.00	47.07 1.84 0.00	37.67 1.68 0.00	38.16 1.57 0.00
NYS_BARGE____HYD 23848	43.14 0.88 0.00	41.36 0.78 0.00	30.73 0.29 0.00	30.27 0.34 0.00	32.66 0.32 0.00	36.25 0.22 0.00	54.11 0.43 0.00	52.11 -0.51 0.00	56.48 -0.50 0.00	60.23 -0.71 0.00	50.54 -0.61 0.00	47.22 -0.41 0.00	38.57 -0.25 0.00	37.73 -0.14 0.00	36.14 -0.40 0.00	38.91 -1.32 0.00	43.33 -2.12 0.00	44.63 -1.75 0.00	58.77 -2.55 0.00	54.93 -2.32 0.00	43.83 -2.14 0.00	43.63 -1.60 0.00	35.14 -0.85 0.00	36.33 -0.26 0.00
OAK ORCHARD____HYD 24046	42.81 0.56 0.00	41.05 0.47 0.00	30.62 0.18 0.00	30.13 0.20 0.00	32.55 0.21 0.00	36.28 0.24 0.00	54.34 0.66 0.00	52.97 0.35 0.00	57.44 0.46 0.00	61.19 0.26 0.00	51.37 0.21 0.00	47.89 0.26 0.00	39.03 0.20 0.00	38.12 0.25 0.00	36.65 0.11 0.00	39.93 -0.30 0.00	44.90 -0.55 0.00	46.22 -0.16 0.00	61.09 -0.23 0.00	57.04 -0.21 0.00	45.55 -0.42 0.00	44.95 -0.28 0.00	35.91 -0.08 0.00	36.68 0.09 0.00

OAKDALE___35_KV_LOAD 356122	42.66 0.40 0.00	40.86 0.28 0.00	30.52 0.08 0.00	30.07 0.14 0.00	32.43 0.10 0.00	36.18 0.15 0.00	54.05 0.38 0.00	52.88 0.26 0.00	57.01 0.03 0.00	61.03 0.09 0.00	51.20 0.04 0.00	47.83 0.20 0.00	38.90 0.07 0.00	38.08 0.22 0.00	36.73 0.19 0.00	40.39 0.16 0.00	45.56 0.10 0.00	46.68 0.30 0.00	61.83 0.51 0.00	57.72 0.47 0.00	46.23 0.26 0.00	45.40 0.17 0.00	36.12 0.13 0.00	36.70 0.11 0.00
OCC_CHEM___DRP 24175	42.70 0.45 0.00	41.00 0.42 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.90 -0.13 0.00	53.66 -0.02 0.00	51.47 -1.14 0.00	55.73 -1.25 0.00	59.46 -1.47 0.00	49.93 -1.22 0.00	46.65 -0.99 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.89 0.00	42.95 -2.28 0.00	34.86 -1.13 0.00	36.00 -0.59 0.00
OH_GEN_PROXY 24063	43.32 0.44 -0.62	40.97 0.39 0.00	30.43 -0.01 0.00	29.99 0.06 0.00	31.21 0.01 1.14	35.90 -0.13 0.00	54.56 -0.01 -0.90	51.74 -0.87 0.00	56.10 -0.88 0.00	59.86 -1.07 0.00	50.24 -0.92 0.00	46.96 -0.67 0.00	38.40 -0.43 0.00	37.64 -0.23 0.00	36.09 -0.45 0.00	38.89 -1.34 0.00	43.33 -2.13 0.00	44.50 -1.88 0.00	58.50 -2.82 0.00	54.62 -2.63 0.00	43.57 -2.40 0.00	42.79 -1.88 0.56	34.93 -1.06 0.00	36.02 -0.57 0.00
OLIN_CORP_DRP 24177	42.66 0.41 0.00	40.93 0.35 0.00	30.41 -0.03 0.00	29.97 0.03 0.00	32.33 0.00 0.00	35.86 -0.18 0.00	53.45 -0.23 0.00	51.36 -1.25 0.00	55.73 -1.25 0.00	59.46 -1.47 0.00	49.93 -1.22 0.00	46.65 -0.99 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.79 -0.75 0.00	38.47 -1.76 0.00	42.79 -2.66 0.00	43.98 -2.40 0.00	57.79 -3.54 0.00	53.99 -3.27 0.00	43.10 -2.87 0.00	42.98 -2.25 0.00	34.65 -1.34 0.00	35.89 -0.69 0.00
OLIN_CORP_DSASP 323712	42.70 0.45 0.00	40.99 0.41 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.04 0.00	35.91 -0.12 0.00	53.65 -0.02 0.00	51.47 -1.14 0.00	55.72 -1.26 0.00	59.46 -1.47 0.00	49.91 -1.25 0.00	46.65 -0.98 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.88 0.00	42.95 -2.28 0.00	34.85 -1.14 0.00	36.00 -0.59 0.00
ONEIDA_HERK_LFGE 323681	43.36 1.11 0.00	41.66 1.08 0.00	31.20 0.77 0.00	30.71 0.78 0.00	33.22 0.88 0.00	37.16 1.12 0.00	55.59 1.91 0.00	54.59 1.97 0.00	59.10 2.12 0.00	63.08 2.15 0.00	52.83 1.68 0.00	49.17 1.54 0.00	39.94 1.11 0.00	38.98 1.11 0.00	37.60 1.06 0.00	41.42 1.20 0.00	46.73 1.28 0.00	47.89 1.51 0.00	63.63 2.31 0.00	59.38 2.13 0.00	47.51 1.54 0.00	46.61 1.38 0.00	36.90 0.91 0.00	37.48 0.89 0.00
ONEIDA___115KV_TB4 55905	43.21 0.96 0.00	41.46 0.88 0.00	31.07 0.63 0.00	30.61 0.67 0.00	33.08 0.75 0.00	37.00 0.97 0.00	55.39 1.72 0.00	54.42 1.80 0.00	58.89 1.91 0.00	62.92 1.98 0.00	52.78 1.63 0.00	49.14 1.51 0.00	39.85 1.03 0.00	38.91 1.04 0.00	37.62 1.08 0.00	41.47 1.24 0.00	46.92 1.46 0.00	48.01 1.63 0.00	63.58 2.26 0.00	59.26 2.01 0.00	47.47 1.50 0.00	46.58 1.35 0.00	36.95 0.96 0.00	37.49 0.90 0.00
ONONDAGA_REF_OCCRA 23987	42.10 -0.15 0.00	40.34 -0.24 0.00	30.20 -0.23 0.00	29.74 -0.19 0.00	32.12 -0.22 0.00	35.85 -0.18 0.00	53.56 -0.12 0.00	52.48 -0.13 0.00	56.78 -0.20 0.00	60.69 -0.24 0.00	50.96 -0.20 0.00	47.47 -0.16 0.00	38.66 -0.16 0.00	37.77 -0.10 0.00	36.45 -0.09 0.00	40.10 -0.13 0.00	45.26 -0.19 0.00	46.31 -0.07 0.00	61.36 0.04 0.00	57.26 0.01 0.00	45.88 -0.09 0.00	45.09 -0.14 0.00	35.88 -0.11 0.00	36.44 -0.14 0.00
ONONDAGA___COGEN 23986	42.03 -0.23 0.00	40.29 -0.29 0.00	30.17 -0.26 0.00	29.70 -0.23 0.00	32.09 -0.25 0.00	35.83 -0.21 0.00	53.53 -0.14 0.00	52.44 -0.18 0.00	56.73 -0.25 0.00	60.64 -0.29 0.00	50.90 -0.25 0.00	47.39 -0.24 0.00	38.59 -0.23 0.00	37.70 -0.17 0.00	36.38 -0.16 0.00	40.01 -0.22 0.00	45.13 -0.33 0.00	46.18 -0.20 0.00	61.22 -0.10 0.00	57.15 -0.11 0.00	45.79 -0.18 0.00	45.00 -0.22 0.00	35.81 -0.18 0.00	36.37 -0.22 0.00
ONTARIO___LFGE 23819	43.12 0.87 0.00	41.30 0.72 0.00	30.79 0.36 0.00	30.35 0.42 0.00	32.78 0.45 0.00	36.62 0.59 0.00	54.95 1.27 0.00	53.73 1.12 0.00	57.95 0.97 0.00	61.90 0.96 0.00	51.84 0.69 0.00	48.05 0.41 0.00	39.13 0.30 0.00	38.37 0.50 0.00	36.85 0.31 0.00	40.20 -0.03 0.00	45.05 -0.40 0.00	46.54 0.15 0.00	61.88 0.56 0.00	57.80 0.55 0.00	46.13 0.17 0.00	45.35 0.12 0.00	36.18 0.19 0.00	36.76 0.17 0.00
ORANGEVILLE_WT_PWR 323706	43.22 0.96 0.00	41.44 0.86 0.00	30.77 0.33 0.00	30.34 0.41 0.00	32.72 0.39 0.00	36.39 0.36 0.00	54.43 0.76 0.00	52.67 0.06 0.00	56.85 -0.13 0.00	60.64 -0.29 0.00	50.59 -0.56 0.00	47.29 -0.34 0.00	38.52 -0.31 0.00	37.67 -0.20 0.00	36.02 -0.52 0.00	38.86 -1.37 0.00	43.43 -2.02 0.00	45.06 -1.32 0.00	59.72 -1.60 0.00	55.72 -1.53 0.00	44.42 -1.55 0.00	43.97 -1.26 0.00	35.21 -0.78 0.00	36.03 -0.56 0.00
ORANGEVILLE___ESR 323794	43.22 0.96 0.00	41.44 0.86 0.00	30.77 0.33 0.00	30.34 0.41 0.00	32.72 0.39 0.00	36.39 0.36 0.00	54.43 0.76 0.00	52.67 0.06 0.00	56.85 -0.13 0.00	60.64 -0.29 0.00	50.59 -0.56 0.00	47.29 -0.34 0.00	38.52 -0.31 0.00	37.67 -0.20 0.00	36.02 -0.52 0.00	38.86 -1.37 0.00	43.43 -2.02 0.00	45.06 -1.32 0.00	59.72 -1.60 0.00	55.72 -1.53 0.00	44.42 -1.55 0.00	43.97 -1.26 0.00	35.21 -0.78 0.00	36.03 -0.56 0.00
OSWEGATCHIE___HYD 24044	43.94 1.69 0.00	42.31 1.73 0.00	31.65 1.21 0.00	31.14 1.21 0.00	33.70 1.37 0.00	37.69 1.65 0.00	56.38 2.71 0.00	55.38 2.77 0.00	59.88 2.90 0.00	63.83 2.90 0.00	53.25 2.09 0.00	49.42 1.80 0.00	40.29 1.47 0.00	39.24 1.37 0.00	37.72 1.18 0.00	41.36 1.13 0.00	46.23 0.77 0.00	47.27 0.89 0.00	63.21 1.89 0.00	59.13 1.88 0.00	47.38 1.41 0.00	46.64 1.41 0.00	36.96 0.97 0.00	37.57 0.98 0.00
OSWEGO___5 23606	41.35 -0.90 0.00	39.67 -0.91 0.00	29.73 -0.71 0.00	29.24 -0.69 0.00	31.60 -0.74 0.00	35.24 -0.79 0.00	52.58 -1.10 0.00	51.50 -1.12 0.00	55.77 -1.22 0.00	59.60 -1.33 0.00	50.04 -1.12 0.00	46.60 -1.03 0.00	37.96 -0.86 0.00	37.05 -0.82 0.00	35.76 -0.78 0.00	39.33 -0.90 0.00	44.36 -1.09 0.00	45.36 -1.02 0.00	60.05 -1.27 0.00	56.06 -1.19 0.00	44.95 -1.01 0.00	44.22 -1.01 0.00	35.20 -0.79 0.00	35.78 -0.81 0.00
OSWEGO___6 23613	41.35 -0.90 0.00	39.67 -0.91 0.00	29.73 -0.71 0.00	29.24 -0.69 0.00	31.60 -0.74 0.00	35.24 -0.79 0.00	52.58 -1.10 0.00	51.50 -1.12 0.00	55.77 -1.22 0.00	59.60 -1.33 0.00	50.04 -1.12 0.00	46.60 -1.03 0.00	37.96 -0.86 0.00	37.05 -0.82 0.00	35.76 -0.78 0.00	39.33 -0.90 0.00	44.36 -1.09 0.00	45.36 -1.02 0.00	60.05 -1.27 0.00	56.06 -1.19 0.00	44.95 -1.01 0.00	44.22 -1.01 0.00	35.20 -0.79 0.00	35.78 -0.81 0.00

OUTOKUMPU-AB___DRP 24206	43.37 1.12 0.00	41.60 1.02 0.00	30.87 0.43 0.00	30.42 0.49 0.00	32.82 0.48 0.00	36.45 0.42 0.00	54.49 0.82 0.00	52.49 -0.13 0.00	56.85 -0.12 0.00	60.73 -0.21 0.00	50.96 -0.20 0.00	47.61 -0.02 0.00	38.88 0.06 0.00	38.05 0.18 0.00	36.45 -0.09 0.00	39.29 -0.94 0.00	43.76 -1.70 0.00	45.06 -1.32 0.00	59.29 -2.03 0.00	55.36 -1.90 0.00	44.16 -1.81 0.00	43.91 -1.31 0.00	35.44 -0.55 0.00	36.54 -0.04 0.00
OXBOW___BTM 323836	43.01 0.75 0.00	41.26 0.68 0.00	30.63 0.19 0.00	30.19 0.26 0.00	32.56 0.23 0.00	36.14 0.11 0.00	54.02 0.35 0.00	51.96 -0.65 0.00	56.25 -0.73 0.00	60.07 -0.86 0.00	50.41 -0.75 0.00	47.11 -0.52 0.00	38.51 -0.32 0.00	37.69 -0.18 0.00	36.11 -0.43 0.00	38.91 -1.32 0.00	43.30 -2.16 0.00	44.53 -1.85 0.00	58.50 -2.82 0.00	54.65 -2.60 0.00	43.61 -2.36 0.00	43.42 -1.81 0.00	35.13 -0.86 0.00	36.24 -0.35 0.00
OXBOW___ 24026	43.01 0.75 0.00	41.27 0.69 0.00	30.63 0.19 0.00	30.19 0.26 0.00	32.56 0.23 0.00	36.14 0.11 0.00	54.03 0.36 0.00	51.96 -0.65 0.00	56.26 -0.72 0.00	60.07 -0.86 0.00	50.43 -0.72 0.00	47.10 -0.53 0.00	38.51 -0.31 0.00	37.69 -0.18 0.00	36.11 -0.43 0.00	38.91 -1.32 0.00	43.30 -2.16 0.00	44.53 -1.85 0.00	58.50 -2.82 0.00	54.64 -2.61 0.00	43.61 -2.36 0.00	43.42 -1.81 0.00	35.13 -0.86 0.00	36.24 -0.35 0.00
OXY_CHEM_DSASP 323612	42.70 0.45 0.00	41.00 0.42 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.90 -0.13 0.00	53.66 -0.02 0.00	51.47 -1.14 0.00	55.73 -1.25 0.00	59.46 -1.47 0.00	49.93 -1.22 0.00	46.65 -0.99 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.89 0.00	42.95 -2.28 0.00	34.86 -1.13 0.00	36.00 -0.59 0.00
OZONE_PARK_ESR 323760	43.45 1.20 0.00	41.63 1.05 0.00	31.42 0.98 0.00	30.83 0.89 0.00	33.26 0.92 0.00	37.22 1.19 0.00	55.30 1.63 0.00	54.45 1.84 0.00	59.05 2.07 0.00	63.37 2.44 0.00	53.37 2.22 0.00	49.93 2.30 0.00	40.74 1.92 0.00	39.66 1.79 0.00	38.52 1.98 0.00	42.64 2.41 0.00	48.22 2.77 0.00	48.97 2.59 0.00	64.81 3.49 0.00	60.47 3.21 0.00	48.54 2.57 0.00	47.62 2.39 0.00	38.07 2.08 0.00	38.57 1.98 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.70 0.45 0.00	41.00 0.42 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.90 -0.13 0.00	53.66 -0.02 0.00	51.47 -1.14 0.00	55.73 -1.25 0.00	59.46 -1.47 0.00	49.93 -1.22 0.00	46.65 -0.99 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.89 0.00	42.95 -2.28 0.00	34.86 -1.13 0.00	36.00 -0.59 0.00
PACKARD___115KV_DUPONT_184 80571	42.70 0.45 0.00	41.00 0.42 0.00	30.45 0.01 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.90 -0.13 0.00	53.66 -0.02 0.00	51.47 -1.14 0.00	55.73 -1.25 0.00	59.46 -1.47 0.00	49.93 -1.22 0.00	46.65 -0.99 0.00	38.16 -0.66 0.00	37.36 -0.51 0.00	35.80 -0.74 0.00	38.56 -1.67 0.00	42.87 -2.59 0.00	44.00 -2.38 0.00	57.76 -3.56 0.00	53.95 -3.31 0.00	43.08 -2.89 0.00	42.95 -2.28 0.00	34.86 -1.13 0.00	36.00 -0.59 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.03 0.78 0.00	41.33 0.75 0.00	31.20 0.76 0.00	30.57 0.63 0.00	32.95 0.61 0.00	36.85 0.82 0.00	54.67 1.00 0.00	53.82 1.20 0.00	58.41 1.43 0.00	62.71 1.78 0.00	52.72 1.56 0.00	49.44 1.81 0.00	40.25 1.43 0.00	39.15 1.28 0.00	38.07 1.53 0.00	42.12 1.89 0.00	47.65 2.20 0.00	48.39 2.01 0.00	63.97 2.65 0.00	59.65 2.40 0.00	47.94 1.97 0.00	47.00 1.77 0.00	37.60 1.61 0.00	38.13 1.55 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.89 1.64 0.00	42.15 1.57 0.00	31.80 1.36 0.00	31.18 1.25 0.00	33.63 1.29 0.00	37.65 1.61 0.00	55.89 2.22 0.00	55.04 2.42 0.00	59.69 2.71 0.00	64.02 3.09 0.00	53.81 2.65 0.00	50.46 2.83 0.00	41.06 2.24 0.00	39.92 2.05 0.00	38.80 2.26 0.00	42.92 2.69 0.00	48.56 3.10 0.00	49.28 2.90 0.00	65.21 3.88 0.00	60.78 3.53 0.00	48.80 2.84 0.00	47.84 2.61 0.00	38.28 2.29 0.00	38.82 2.24 0.00
PATROON___115KV_TB1 80586	41.79 -0.47 0.00	40.17 -0.41 0.00	30.26 -0.18 0.00	29.76 -0.18 0.00	32.14 -0.19 0.00	35.80 -0.23 0.00	53.11 -0.57 0.00	52.18 -0.44 0.00	56.67 -0.31 0.00	60.62 -0.31 0.00	51.01 -0.15 0.00	47.59 -0.04 0.00	38.67 -0.15 0.00	37.74 -0.13 0.00	36.55 0.01 0.00	40.45 0.23 0.00	45.80 0.34 0.00	46.46 0.08 0.00	61.37 0.05 0.00	57.28 0.02 0.00	46.16 0.19 0.00	45.35 0.12 0.00	36.06 0.07 0.00	36.66 0.08 0.00
PATTRSNVILLE___SOLAR 323815	42.97 0.71 0.00	41.24 0.66 0.00	30.96 0.53 0.00	30.43 0.50 0.00	32.89 0.56 0.00	36.70 0.66 0.00	54.72 1.05 0.00	53.74 1.13 0.00	58.07 1.09 0.00	61.96 1.03 0.00	51.94 0.78 0.00	48.30 0.66 0.00	39.30 0.48 0.00	38.26 0.39 0.00	37.02 0.48 0.00	41.06 0.84 0.00	46.51 1.06 0.00	47.54 1.16 0.00	62.93 1.61 0.00	58.73 1.48 0.00	47.20 1.23 0.00	46.36 1.13 0.00	36.82 0.83 0.00	37.40 0.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.22 0.97 0.00	41.42 0.84 0.00	30.73 0.30 0.00	30.29 0.36 0.00	32.66 0.32 0.00	36.32 0.28 0.00	54.37 0.69 0.00	52.50 -0.12 0.00	56.66 -0.32 0.00	60.80 -0.14 0.00	51.14 -0.02 0.00	47.79 0.16 0.00	38.92 0.09 0.00	38.17 0.30 0.00	36.57 0.03 0.00	39.49 -0.74 0.00	44.10 -1.36 0.00	45.44 -0.95 0.00	59.92 -1.40 0.00	55.95 -1.30 0.00	44.57 -1.40 0.00	44.17 -1.06 0.00	35.46 -0.53 0.00	36.41 -0.18 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.24 0.99 0.00	41.43 0.85 0.00	31.19 0.75 0.00	30.61 0.68 0.00	33.04 0.70 0.00	36.95 0.92 0.00	54.99 1.32 0.00	54.17 1.55 0.00	58.74 1.76 0.00	62.98 2.04 0.00	52.98 1.83 0.00	49.55 1.92 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.13 1.59 0.00	42.23 2.00 0.00	47.78 2.32 0.00	48.51 2.13 0.00	64.30 2.98 0.00	60.01 2.76 0.00	48.23 2.26 0.00	47.29 2.07 0.00	37.69 1.70 0.00	38.18 1.60 0.00
PEEKSKILL___ 23653	42.87 0.61 0.00	41.10 0.52 0.00	30.92 0.49 0.00	30.35 0.42 0.00	32.76 0.42 0.00	36.63 0.59 0.00	54.50 0.82 0.00	53.68 1.07 0.00	58.17 1.19 0.00	62.37 1.44 0.00	52.44 1.28 0.00	49.05 1.42 0.00	39.95 1.12 0.00	38.88 1.01 0.00	37.77 1.23 0.00	41.85 1.63 0.00	47.36 1.90 0.00	48.11 1.73 0.00	63.84 2.52 0.00	59.56 2.31 0.00	47.86 1.89 0.00	46.91 1.69 0.00	37.43 1.44 0.00	37.94 1.36 0.00
PGE MADISON___WINDPWR 24146	45.06 2.80 0.00	43.10 2.52 0.00	32.24 1.81 0.00	31.76 1.83 0.00	34.34 2.00 0.00	38.48 2.45 0.00	57.95 4.27 0.00	56.66 4.05 0.00	61.09 4.11 0.00	65.16 4.23 0.00	54.48 3.32 0.00	50.67 3.04 0.00	41.13 2.31 0.00	40.16 2.29 0.00	38.83 2.29 0.00	42.76 2.53 0.00	48.26 2.80 0.00	49.83 3.45 0.00	66.33 5.01 0.00	61.92 4.67 0.00	49.43 3.46 0.00	48.34 3.11 0.00	38.30 2.31 0.00	38.80 2.21 0.00

PIERCEFIELD___HYD 23852	44.15 1.89 0.00	42.55 1.97 0.00	31.80 1.36 0.00	31.28 1.35 0.00	33.86 1.53 0.00	37.81 1.77 0.00	56.44 2.77 0.00	55.39 2.78 0.00	59.85 2.87 0.00	63.85 2.91 0.00	53.29 2.14 0.00	49.43 1.80 0.00	40.37 1.54 0.00	39.32 1.46 0.00	37.77 1.23 0.00	41.32 1.09 0.00	46.08 0.62 0.00	46.80 0.42 0.00	62.36 1.04 0.00	58.35 1.10 0.00	46.87 0.90 0.00	46.35 1.12 0.00	36.92 0.93 0.00	37.51 0.92 0.00
PINELAWN_CC_1 323563	42.72 0.47 0.00	41.06 0.48 0.00	31.16 0.72 0.00	30.44 0.51 0.00	32.53 0.19 0.00	36.02 -0.01 0.00	53.34 -0.33 0.00	52.55 -0.07 0.00	56.93 -0.04 0.01	61.36 0.43 0.00	51.65 0.50 0.00	47.91 0.28 0.00	39.39 0.56 0.00	38.41 0.54 0.00	37.48 0.94 0.00	41.12 0.89 0.00	46.81 1.35 0.00	47.28 0.90 0.00	61.70 1.11 0.73	57.39 1.09 0.96	46.35 1.16 0.78	45.59 1.07 0.71	37.54 1.55 0.00	38.21 1.62 0.00
PJM_GEN_HTTP_PROXY 323702	44.77 0.80 -1.71	41.25 0.68 0.00	31.14 0.70 0.00	30.56 0.62 0.00	32.96 0.63 0.00	35.60 0.85 1.28	54.77 1.10 0.00	55.88 1.28 -1.99	56.82 1.50 1.65	62.77 1.83 0.00	52.85 1.69 0.00	49.45 1.81 0.00	40.32 1.50 0.00	39.26 1.39 0.00	38.14 1.60 0.00	42.22 1.99 0.00	47.75 2.30 0.00	48.46 2.08 0.00	64.16 2.84 0.00	59.84 2.58 0.00	48.04 2.07 0.00	46.66 1.90 0.47	37.69 1.70 0.00	38.20 1.62 0.00
PJM_GEN_KEystone 24065	44.41 0.44 -1.71	42.49 0.34 -1.57	28.58 0.08 1.94	30.03 0.10 0.00	32.39 0.05 0.00	34.85 0.10 1.28	53.94 0.26 0.00	54.68 0.08 -1.99	55.21 -0.12 1.65	60.91 -0.02 0.00	51.15 -0.01 0.00	47.90 0.26 0.00	38.96 0.13 0.00	38.12 0.25 0.00	36.80 0.26 0.00	40.38 0.15 0.00	45.50 0.04 0.00	46.57 0.19 0.00	61.77 0.45 0.00	57.66 0.41 0.00	46.11 0.15 0.00	44.84 0.08 0.47	36.20 0.21 0.00	36.86 0.28 0.00
PJM_GEN_NEPTUNE_PROXY 323594	44.17 0.21 -1.71	40.81 0.22 0.00	30.96 0.52 0.00	30.29 0.36 0.00	32.59 0.26 0.00	35.01 0.26 1.28	53.85 0.18 0.00	55.26 0.66 -1.99	56.07 0.74 1.65	61.96 1.03 0.00	52.11 0.95 0.00	48.45 0.81 0.00	39.77 0.95 0.00	38.79 0.92 0.00	37.79 1.25 0.00	41.54 1.31 0.00	47.19 1.73 0.00	47.67 1.29 0.00	63.02 1.70 0.00	58.90 1.61 -0.03	47.51 1.54 0.00	46.05 1.29 0.47	37.39 1.40 0.00	38.01 1.42 0.00
PJM_GEN_VFT_PROXY 323633	44.51 0.54 -1.71	40.99 0.41 0.00	30.98 0.55 0.00	30.42 0.49 0.00	32.82 0.49 0.00	35.44 0.69 1.28	54.48 0.81 0.00	55.55 0.95 -1.99	56.45 1.12 1.65	62.38 1.45 0.00	52.53 1.38 0.00	49.13 1.50 0.00	40.09 1.27 0.00	39.04 1.17 0.00	37.94 1.40 0.00	42.00 1.77 0.00	47.49 2.04 0.00	48.20 1.82 0.00	63.80 2.48 0.00	59.49 2.24 0.00	47.76 1.79 0.00	46.36 1.61 0.47	37.50 1.51 0.00	38.02 1.43 0.00
PLATSBURG_115KV_PMLD1 355749	43.86 1.61 0.00	42.26 1.68 0.00	31.54 1.10 0.00	31.11 1.18 0.00	33.67 1.33 0.00	37.27 1.24 0.00	54.88 1.20 0.00	53.33 0.71 0.00	57.64 0.66 0.00	61.49 0.55 0.00	51.36 0.20 0.00	47.33 -0.30 0.00	39.13 0.30 0.00	38.34 0.47 0.00	36.96 0.42 0.00	40.84 0.60 0.00	45.27 -0.19 0.00	45.92 -0.46 0.00	60.48 -0.84 0.00	56.65 -0.60 0.00	45.58 -0.39 0.00	45.10 -0.12 0.00	35.92 -0.07 0.00	36.39 -0.19 0.00
PLEASANTVLY___LBMP 24000	42.62 0.37 0.00	40.87 0.29 0.00	30.79 0.35 0.00	30.23 0.29 0.00	32.61 0.27 0.00	36.43 0.39 0.00	54.11 0.44 0.00	53.25 0.63 0.00	57.77 0.79 0.00	61.93 1.00 0.00	52.09 0.93 0.00	48.71 1.08 0.00	39.65 0.83 0.00	38.62 0.76 0.00	37.48 0.94 0.00	41.54 1.31 0.00	46.99 1.53 0.00	47.68 1.30 0.00	63.09 1.77 0.00	58.86 1.61 0.00	47.37 1.40 0.00	46.52 1.29 0.00	37.10 1.11 0.00	37.63 1.04 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.94 0.68 0.00	41.16 0.57 0.00	31.02 0.58 0.00	30.45 0.52 0.00	32.85 0.51 0.00	36.72 0.68 0.00	54.57 0.90 0.00	53.72 1.11 0.00	58.27 1.29 0.00	62.50 1.57 0.00	52.58 1.42 0.00	49.17 1.54 0.00	40.07 1.25 0.00	39.02 1.15 0.00	37.88 1.34 0.00	41.97 1.74 0.00	47.46 2.01 0.00	48.18 1.80 0.00	63.80 2.48 0.00	59.53 2.28 0.00	47.87 1.90 0.00	46.96 1.73 0.00	37.49 1.49 0.00	37.99 1.41 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.94 0.68 0.00	41.16 0.57 0.00	31.02 0.58 0.00	30.45 0.52 0.00	32.85 0.51 0.00	36.72 0.68 0.00	54.57 0.90 0.00	53.72 1.11 0.00	58.27 1.29 0.00	62.50 1.57 0.00	52.58 1.42 0.00	49.17 1.54 0.00	40.07 1.25 0.00	39.02 1.15 0.00	37.88 1.34 0.00	41.97 1.74 0.00	47.46 2.01 0.00	48.18 1.80 0.00	63.80 2.48 0.00	59.53 2.28 0.00	47.87 1.90 0.00	46.96 1.73 0.00	37.49 1.49 0.00	37.99 1.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.04 0.79 0.00	41.24 0.66 0.00	31.04 0.61 0.00	30.48 0.55 0.00	32.88 0.54 0.00	36.76 0.73 0.00	54.68 1.01 0.00	53.84 1.23 0.00	58.44 1.46 0.00	62.56 1.63 0.00	52.54 1.39 0.00	49.11 1.48 0.00	39.97 1.15 0.00	38.92 1.05 0.00	37.77 1.23 0.00	41.85 1.62 0.00	47.35 1.90 0.00	48.21 1.83 0.00	63.87 2.55 0.00	59.58 2.33 0.00	47.91 1.95 0.00	47.00 1.78 0.00	37.45 1.46 0.00	37.94 1.36 0.00
POLETTI_____ 23519	42.49 0.23 0.00	40.77 0.19 0.00	30.77 0.33 0.00	30.14 0.21 0.00	32.48 0.14 0.00	36.34 0.30 0.00	54.01 0.34 0.00	53.34 0.73 0.00	57.89 0.91 0.00	62.19 1.26 0.00	52.31 1.15 0.00	49.05 1.41 0.00	39.93 1.11 0.00	38.78 0.91 0.00	37.73 1.19 0.00	41.75 1.52 0.00	47.25 1.79 0.00	47.97 1.59 0.00	63.44 2.12 0.00	59.18 1.93 0.00	47.54 1.57 0.00	46.60 1.37 0.00	37.29 1.30 0.00	37.77 1.19 0.00
POMONA___ESR 323819	42.96 0.70 0.00	41.19 0.61 0.00	30.96 0.53 0.00	30.40 0.47 0.00	32.80 0.46 0.00	36.71 0.68 0.00	54.67 1.00 0.00	53.86 1.25 0.00	58.32 1.34 0.00	62.50 1.57 0.00	52.54 1.38 0.00	49.15 1.52 0.00	40.01 1.19 0.00	38.94 1.07 0.00	37.83 1.29 0.00	41.94 1.71 0.00	47.46 2.01 0.00	48.25 1.87 0.00	64.08 2.76 0.00	59.79 2.54 0.00	48.03 2.06 0.00	47.04 1.81 0.00	37.52 1.53 0.00	38.01 1.42 0.00
PORT_JEFF_3 23555	42.43 0.18 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.61 0.27 0.00	35.93 -0.11 0.00	53.10 -0.58 0.00	52.26 -0.34 0.01	56.36 -0.44 0.18	60.86 -0.07 0.00	51.27 0.11 0.00	47.55 -0.08 0.00	39.22 0.40 0.00	38.47 0.60 0.00	37.52 0.98 0.00	41.03 0.80 0.00	46.60 1.15 0.00	46.90 0.51 0.00	60.25 0.37 1.44	55.66 0.34 1.93	45.18 0.74 1.53	44.34 0.50 1.39	37.07 1.09 0.00	38.02 1.43 0.00
PORT_JEFF_4 23616	42.43 0.18 0.00	40.84 0.26 0.00	31.08 0.65 0.00	30.36 0.43 0.00	32.61 0.27 0.00	35.93 -0.11 0.00	53.10 -0.58 0.00	52.26 -0.34 0.01	56.36 -0.44 0.18	60.86 -0.07 0.00	51.27 0.11 0.00	47.55 -0.08 0.00	39.22 0.40 0.00	38.47 0.60 0.00	37.52 0.98 0.00	41.03 0.80 0.00	46.60 1.15 0.00	46.90 0.51 0.00	60.25 0.37 1.44	55.66 0.34 1.93	45.18 0.74 1.53	44.34 0.50 1.39	37.07 1.09 0.00	38.02 1.43 0.00

PORT_JEFF_IC 23713	42.51 0.26 0.00	40.90 0.32 0.00	31.14 0.70 0.00	30.41 0.48 0.00	32.66 0.32 0.00	36.00 -0.04 0.00	53.22 -0.46 0.00	52.38 -0.22 0.01	56.35 -0.43 0.19	60.97 0.03 0.00	51.40 0.24 0.00	47.67 0.05 0.00	39.32 0.50 0.00	38.53 0.66 0.00	37.58 1.04 0.00	41.09 0.87 0.00	46.69 1.23 0.00	46.81 0.43 0.00	59.71 0.30 1.92	54.97 0.31 2.59	44.79 0.87 2.05	44.01 0.64 1.86	37.16 1.17 0.00	38.08 1.50 0.00
PPL PILGRIM_ST_GT1 24216	42.76 0.51 0.00	41.10 0.53 0.00	31.21 0.77 0.00	30.47 0.54 0.00	32.73 0.40 0.00	36.31 0.27 0.00	53.82 0.15 0.00	53.09 0.47 0.00	57.49 0.53 0.02	61.70 0.77 0.00	52.00 0.85 0.00	48.29 0.66 0.00	39.69 0.87 0.00	38.78 0.91 0.00	37.89 1.35 0.00	41.50 1.27 0.00	47.23 1.78 0.00	47.73 1.35 0.00	60.96 1.52 1.88	56.17 1.46 2.54	45.48 1.53 2.01	44.71 1.31 1.82	37.43 1.44 0.00	38.19 1.60 0.00
PPL PILGRIM_ST_GT2 24217	42.76 0.51 0.00	41.10 0.53 0.00	31.21 0.77 0.00	30.47 0.54 0.00	32.73 0.40 0.00	36.31 0.27 0.00	53.82 0.15 0.00	53.09 0.47 0.00	57.49 0.53 0.02	61.70 0.77 0.00	52.00 0.85 0.00	48.29 0.66 0.00	39.69 0.87 0.00	38.78 0.91 0.00	37.89 1.35 0.00	41.50 1.27 0.00	47.23 1.78 0.00	47.73 1.35 0.00	60.96 1.52 1.88	56.17 1.46 2.54	45.48 1.53 2.01	44.71 1.31 1.82	37.43 1.44 0.00	38.19 1.60 0.00
PPL_SHRM_GT3 24213	42.07 -0.18 0.00	40.47 -0.11 0.00	30.94 0.50 0.00	30.21 0.27 0.00	32.44 0.10 0.00	35.63 -0.41 0.00	52.75 -0.93 0.00	52.02 -0.58 0.01	56.15 -0.65 0.18	60.62 -0.31 0.00	51.02 -0.13 0.00	47.29 -0.34 0.00	38.98 0.15 0.00	38.14 0.27 0.00	37.23 0.69 0.00	40.73 0.50 0.00	46.34 0.88 0.00	46.78 0.40 0.00	60.07 0.30 1.55	55.44 0.29 2.09	44.89 0.58 1.66	44.03 0.31 1.51	36.94 0.95 0.00	37.90 1.31 0.00
PPL_SHRM_GT4 24214	42.07 -0.18 0.00	40.47 -0.11 0.00	30.94 0.50 0.00	30.21 0.27 0.00	32.44 0.10 0.00	35.63 -0.41 0.00	52.75 -0.93 0.00	52.02 -0.58 0.01	56.15 -0.65 0.18	60.62 -0.31 0.00	51.02 -0.13 0.00	47.29 -0.34 0.00	38.98 0.15 0.00	38.14 0.27 0.00	37.23 0.69 0.00	40.73 0.50 0.00	46.34 0.88 0.00	46.78 0.40 0.00	60.07 0.30 1.55	55.44 0.29 2.09	44.89 0.58 1.66	44.03 0.31 1.51	36.94 0.95 0.00	37.90 1.31 0.00
PROJECT___ORANGE 1 24174	41.84 -0.41 0.00	40.09 -0.49 0.00	30.03 -0.40 0.00	29.56 -0.37 0.00	31.93 -0.41 0.00	35.62 -0.41 0.00	53.19 -0.49 0.00	52.10 -0.52 0.00	56.40 -0.58 0.00	60.29 -0.64 0.00	50.64 -0.51 0.00	47.18 -0.45 0.00	38.42 -0.40 0.00	37.53 -0.34 0.00	36.21 -0.33 0.00	39.82 -0.41 0.00	44.94 -0.52 0.00	45.97 -0.41 0.00	60.86 -0.46 0.00	56.80 -0.46 0.00	45.51 -0.45 0.00	44.75 -0.48 0.00	35.63 -0.36 0.00	36.21 -0.38 0.00
PROJECT___ORANGE 2 24166	41.84 -0.41 0.00	40.09 -0.49 0.00	30.03 -0.40 0.00	29.56 -0.37 0.00	31.93 -0.41 0.00	35.62 -0.41 0.00	53.19 -0.49 0.00	52.10 -0.52 0.00	56.40 -0.58 0.00	60.29 -0.64 0.00	50.64 -0.51 0.00	47.18 -0.45 0.00	38.42 -0.40 0.00	37.53 -0.34 0.00	36.21 -0.33 0.00	39.82 -0.41 0.00	44.94 -0.52 0.00	45.97 -0.41 0.00	60.86 -0.46 0.00	56.80 -0.46 0.00	45.51 -0.45 0.00	44.75 -0.48 0.00	35.63 -0.36 0.00	36.21 -0.38 0.00
PUCKETT___SOLAR 323809	43.25 1.00 0.00	41.41 0.84 0.00	30.94 0.50 0.00	30.47 0.54 0.00	32.89 0.55 0.00	36.74 0.70 0.00	55.01 1.34 0.00	53.73 1.12 0.00	57.90 0.91 0.00	61.85 0.92 0.00	51.84 0.68 0.00	48.36 0.73 0.00	39.36 0.54 0.00	38.50 0.62 0.00	37.16 0.62 0.00	40.90 0.67 0.00	46.14 0.69 0.00	47.37 0.99 0.00	62.84 1.53 0.00	58.72 1.47 0.00	47.04 1.07 0.00	46.14 0.92 0.00	36.69 0.70 0.00	37.25 0.66 0.00
PYRITES___HYD 24023	44.83 2.58 0.00	43.24 2.66 0.00	32.34 1.91 0.00	31.79 1.86 0.00	34.41 2.07 0.00	38.43 2.40 0.00	57.45 3.77 0.00	56.38 3.76 0.00	60.85 3.87 0.00	64.82 3.88 0.00	54.04 2.89 0.00	50.11 2.48 0.00	40.85 2.03 0.00	39.77 1.90 0.00	38.11 1.57 0.00	41.55 1.32 0.00	46.44 0.98 0.00	47.43 1.05 0.00	63.59 2.27 0.00	59.58 2.33 0.00	47.78 1.81 0.00	47.13 1.90 0.00	37.50 1.51 0.00	38.08 1.49 0.00
QUAKERRD_115KV_BK1 80622	41.73 -0.52 0.00	40.01 -0.57 0.00	29.88 -0.56 0.00	29.41 -0.53 0.00	31.76 -0.57 0.00	35.42 -0.61 0.00	53.04 -0.64 0.00	51.79 -0.83 0.00	56.11 -0.87 0.00	59.83 -1.10 0.00	50.27 -0.88 0.00	46.82 -0.81 0.00	38.15 -0.68 0.00	37.24 -0.63 0.00	35.83 -0.71 0.00	39.11 -1.12 0.00	44.02 -1.43 0.00	45.27 -1.11 0.00	59.85 -1.47 0.00	55.86 -1.39 0.00	44.64 -1.32 0.00	44.02 -1.21 0.00	35.14 -0.85 0.00	35.83 -0.75 0.00
QUENSBRY_115KV_TB8 356137	43.26 1.01 0.00	41.56 0.98 0.00	31.23 0.79 0.00	30.75 0.82 0.00	33.26 0.93 0.00	37.09 1.06 0.00	55.15 1.48 0.00	54.20 1.59 0.00	58.97 1.99 0.00	63.03 2.09 0.00	52.81 1.65 0.00	49.10 1.47 0.00	39.73 0.91 0.00	38.82 0.95 0.00	37.49 0.94 0.00	41.82 1.59 0.00	47.48 2.02 0.00	48.44 2.06 0.00	63.88 2.56 0.00	59.60 2.35 0.00	48.02 2.06 0.00	47.11 1.89 0.00	37.27 1.28 0.00	37.78 1.19 0.00
RAMAPO___LBMP 323565	42.83 0.58 0.00	41.06 0.48 0.00	30.87 0.43 0.00	30.29 0.36 0.00	32.70 0.36 0.00	36.59 0.55 0.00	54.48 0.80 0.00	53.68 1.07 0.00	58.13 1.15 0.00	62.30 1.36 0.00	52.34 1.18 0.00	48.97 1.34 0.00	39.86 1.04 0.00	38.78 0.91 0.00	37.67 1.13 0.00	41.78 1.55 0.00	47.28 1.82 0.00	48.07 1.69 0.00	63.88 2.56 0.00	59.62 2.36 0.00	47.88 1.91 0.00	46.90 1.68 0.00	37.39 1.40 0.00	37.88 1.29 0.00
RANKINE____ 23646	43.38 1.13 0.00	41.59 1.01 0.00	30.86 0.42 0.00	30.42 0.49 0.00	32.81 0.47 0.00	36.48 0.44 0.00	54.60 0.93 0.00	52.80 0.18 0.00	57.16 0.18 0.00	61.13 0.20 0.00	51.19 0.03 0.00	47.84 0.21 0.00	39.02 0.20 0.00	38.24 0.37 0.00	36.62 0.09 0.00	39.53 -0.70 0.00	44.11 -1.35 0.00	45.44 -0.94 0.00	59.90 -1.42 0.00	55.93 -1.33 0.00	44.55 -1.42 0.00	44.21 -1.01 0.00	35.51 -0.48 0.00	36.50 -0.08 0.00
RAVENSWOOD_GT2_1 24244	43.10 0.84 0.00	41.29 0.71 0.00	31.17 0.74 0.00	30.59 0.66 0.00	33.00 0.66 0.00	36.91 0.87 0.00	54.77 1.09 0.00	53.88 1.27 0.00	58.44 1.46 0.00	62.75 1.81 0.00	52.83 1.67 0.00	49.45 1.82 0.00	40.33 1.51 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.75 2.30 0.00	48.46 2.08 0.00	64.14 2.82 0.00	59.81 2.56 0.00	48.04 2.07 0.00	47.13 1.91 0.00	37.71 1.72 0.00	38.22 1.63 0.00
RAVENSWOOD_GT2_2 24245	43.10 0.84 0.00	41.29 0.71 0.00	31.17 0.74 0.00	30.59 0.66 0.00	33.00 0.66 0.00	36.91 0.87 0.00	54.77 1.09 0.00	53.88 1.27 0.00	58.44 1.46 0.00	62.75 1.81 0.00	52.83 1.67 0.00	49.45 1.82 0.00	40.33 1.51 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.75 2.30 0.00	48.46 2.08 0.00	64.14 2.82 0.00	59.81 2.56 0.00	48.04 2.07 0.00	47.13 1.91 0.00	37.71 1.72 0.00	38.22 1.63 0.00

RAVENSWOOD_GT2_3 24246	43.11 0.86 0.00	41.32 0.74 0.00	31.19 0.76 0.00	30.61 0.67 0.00	33.02 0.68 0.00	36.93 0.90 0.00	54.81 1.13 0.00	53.92 1.30 0.00	58.48 1.50 0.00	62.78 1.84 0.00	52.86 1.70 0.00	49.48 1.86 0.00	40.36 1.54 0.00	39.29 1.42 0.00	38.18 1.64 0.00	42.25 2.02 0.00	47.78 2.33 0.00	48.50 2.12 0.00	64.19 2.86 0.00	59.84 2.59 0.00	48.08 2.11 0.00	47.15 1.93 0.00	37.73 1.74 0.00	38.24 1.66 0.00
RAVENSWOOD_GT2_4 24247	43.11 0.86 0.00	41.32 0.74 0.00	31.19 0.76 0.00	30.61 0.67 0.00	33.02 0.68 0.00	36.93 0.90 0.00	54.81 1.13 0.00	53.92 1.30 0.00	58.48 1.50 0.00	62.78 1.84 0.00	52.86 1.70 0.00	49.48 1.86 0.00	40.36 1.54 0.00	39.29 1.42 0.00	38.18 1.64 0.00	42.25 2.02 0.00	47.78 2.33 0.00	48.50 2.12 0.00	64.19 2.86 0.00	59.84 2.59 0.00	48.08 2.11 0.00	47.15 1.93 0.00	37.73 1.74 0.00	38.24 1.66 0.00
RAVENSWOOD_GT3_1 24248	43.10 0.84 0.00	41.29 0.72 0.00	31.18 0.74 0.00	30.60 0.66 0.00	33.00 0.66 0.00	36.91 0.88 0.00	54.77 1.10 0.00	53.89 1.27 0.00	58.46 1.48 0.00	62.76 1.83 0.00	52.83 1.67 0.00	49.45 1.82 0.00	40.34 1.52 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.76 2.31 0.00	48.47 2.09 0.00	64.14 2.82 0.00	59.82 2.57 0.00	48.05 2.08 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT3_2 24249	43.10 0.84 0.00	41.29 0.72 0.00	31.18 0.74 0.00	30.60 0.66 0.00	33.00 0.66 0.00	36.91 0.88 0.00	54.77 1.10 0.00	53.89 1.27 0.00	58.46 1.48 0.00	62.76 1.83 0.00	52.83 1.67 0.00	49.45 1.82 0.00	40.34 1.52 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.76 2.31 0.00	48.47 2.09 0.00	64.14 2.82 0.00	59.82 2.57 0.00	48.05 2.08 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT3_3 24250	43.17 0.92 0.00	41.36 0.78 0.00	31.22 0.79 0.00	30.63 0.70 0.00	33.05 0.71 0.00	36.97 0.93 0.00	54.86 1.18 0.00	53.98 1.37 0.00	58.55 1.57 0.00	62.86 1.92 0.00	52.92 1.77 0.00	49.55 1.91 0.00	40.41 1.59 0.00	39.34 1.47 0.00	38.22 1.68 0.00	42.30 2.07 0.00	47.84 2.39 0.00	48.56 2.17 0.00	64.26 2.93 0.00	59.91 2.65 0.00	48.13 2.16 0.00	47.21 1.98 0.00	37.77 1.78 0.00	38.28 1.70 0.00
RAVENSWOOD_GT3_4 24251	43.17 0.92 0.00	41.36 0.78 0.00	31.22 0.79 0.00	30.63 0.70 0.00	33.05 0.71 0.00	36.97 0.93 0.00	54.86 1.18 0.00	53.98 1.37 0.00	58.55 1.57 0.00	62.86 1.92 0.00	52.92 1.77 0.00	49.55 1.91 0.00	40.41 1.59 0.00	39.34 1.47 0.00	38.22 1.68 0.00	42.30 2.07 0.00	47.84 2.39 0.00	48.56 2.17 0.00	64.26 2.93 0.00	59.91 2.65 0.00	48.13 2.16 0.00	47.21 1.98 0.00	37.77 1.78 0.00	38.28 1.70 0.00
RAVENSWOOD_GT_1 23729	43.16 0.91 0.00	41.37 0.79 0.00	31.27 0.83 0.00	30.64 0.71 0.00	33.03 0.69 0.00	36.94 0.91 0.00	54.73 1.06 0.00	53.82 1.20 0.00	58.36 1.38 0.00	62.67 1.74 0.00	52.75 1.59 0.00	49.48 1.85 0.00	40.35 1.53 0.00	39.28 1.41 0.00	38.18 1.64 0.00	42.23 2.00 0.00	47.76 2.30 0.00	48.49 2.11 0.00	64.12 2.80 0.00	59.77 2.52 0.00	48.02 2.06 0.00	47.12 1.89 0.00	37.75 1.76 0.00	38.27 1.68 0.00
RAVENSWOOD_GT_10 24258	43.10 0.84 0.00	41.29 0.71 0.00	31.17 0.74 0.00	30.60 0.66 0.00	33.00 0.66 0.00	36.91 0.88 0.00	54.77 1.10 0.00	53.90 1.28 0.00	58.47 1.49 0.00	62.77 1.83 0.00	52.85 1.69 0.00	49.46 1.84 0.00	40.34 1.52 0.00	39.28 1.41 0.00	38.15 1.61 0.00	42.24 2.01 0.00	47.76 2.31 0.00	48.47 2.09 0.00	64.15 2.83 0.00	59.83 2.58 0.00	48.07 2.10 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT_11 24259	43.10 0.84 0.00	41.29 0.71 0.00	31.17 0.74 0.00	30.60 0.66 0.00	33.00 0.66 0.00	36.91 0.88 0.00	54.77 1.10 0.00	53.90 1.28 0.00	58.47 1.49 0.00	62.77 1.83 0.00	52.85 1.69 0.00	49.46 1.84 0.00	40.34 1.52 0.00	39.28 1.41 0.00	38.15 1.61 0.00	42.24 2.01 0.00	47.76 2.31 0.00	48.47 2.09 0.00	64.15 2.83 0.00	59.83 2.58 0.00	48.07 2.10 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT_4 24252	43.09 0.84 0.00	41.29 0.71 0.00	31.17 0.73 0.00	30.59 0.65 0.00	33.00 0.66 0.00	36.91 0.87 0.00	54.81 1.13 0.00	53.93 1.32 0.00	58.50 1.52 0.00	62.81 1.87 0.00	52.87 1.72 0.00	49.47 1.84 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.76 2.30 0.00	48.47 2.09 0.00	64.11 2.79 0.00	59.77 2.51 0.00	48.02 2.05 0.00	47.10 1.88 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT_5 24254	43.09 0.84 0.00	41.29 0.71 0.00	31.17 0.73 0.00	30.59 0.65 0.00	33.00 0.66 0.00	36.91 0.87 0.00	54.81 1.13 0.00	53.93 1.32 0.00	58.50 1.52 0.00	62.81 1.87 0.00	52.87 1.72 0.00	49.47 1.84 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.76 2.30 0.00	48.47 2.09 0.00	64.11 2.79 0.00	59.77 2.51 0.00	48.02 2.05 0.00	47.10 1.88 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT_6 24253	43.09 0.84 0.00	41.29 0.71 0.00	31.17 0.73 0.00	30.59 0.65 0.00	33.00 0.66 0.00	36.91 0.87 0.00	54.81 1.13 0.00	53.93 1.32 0.00	58.50 1.52 0.00	62.81 1.87 0.00	52.87 1.72 0.00	49.47 1.84 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.76 2.30 0.00	48.47 2.09 0.00	64.11 2.79 0.00	59.77 2.51 0.00	48.02 2.05 0.00	47.10 1.88 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT_7 24255	43.09 0.84 0.00	41.29 0.71 0.00	31.17 0.73 0.00	30.59 0.65 0.00	33.00 0.66 0.00	36.91 0.87 0.00	54.81 1.13 0.00	53.93 1.32 0.00	58.50 1.52 0.00	62.81 1.87 0.00	52.87 1.72 0.00	49.47 1.84 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.15 1.61 0.00	42.23 2.00 0.00	47.76 2.30 0.00	48.47 2.09 0.00	64.11 2.79 0.00	59.77 2.51 0.00	48.02 2.05 0.00	47.10 1.88 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.10 0.84 0.00	41.29 0.71 0.00	31.17 0.74 0.00	30.60 0.66 0.00	33.00 0.66 0.00	36.91 0.88 0.00	54.77 1.10 0.00	53.90 1.28 0.00	58.47 1.49 0.00	62.77 1.83 0.00	52.85 1.69 0.00	49.46 1.84 0.00	40.34 1.52 0.00	39.28 1.41 0.00	38.15 1.61 0.00	42.24 2.01 0.00	47.76 2.31 0.00	48.47 2.09 0.00	64.15 2.83 0.00	59.83 2.58 0.00	48.07 2.10 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.23 1.64 0.00
RAVENSWOOD_GT_9 24257	43.10 0.84 0.00	41.29 0.71 0.00	31.17 0.74 0.00	30.60 0.66 0.00	33.00 0.66 0.00	36.91 0.88 0.00	54.77 1.10 0.00	53.90 1.28 0.00	58.47 1.49 0.00	62.77 1.83 0.00	52.85 1.69 0.00	49.46 1.84 0.00	40.34 1.52 0.00	39.28 1.41 0.00	38.15 1.61 0.00	42.24 2.01 0.00	47.76 2.31 0.00	48.47 2.09 0.00	64.15 2.83 0.00	59.83 2.58 0.00	48.07 2.10 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.23 1.64 0.00

RAVENSWOOD___1 23533	43.12 0.87 0.00	41.35 0.77 0.00	31.25 0.81 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.72 1.05 0.00	53.78 1.17 0.00	58.31 1.33 0.00	62.62 1.68 0.00	52.73 1.57 0.00	49.45 1.82 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.17 1.63 0.00	42.22 1.99 0.00	47.74 2.28 0.00	48.46 2.08 0.00	64.07 2.75 0.00	59.72 2.46 0.00	47.98 2.01 0.00	47.07 1.85 0.00	37.73 1.74 0.00	38.25 1.67 0.00
RAVENSWOOD___2 23534	43.05 0.79 0.00	41.27 0.70 0.00	31.19 0.76 0.00	30.58 0.64 0.00	32.96 0.62 0.00	36.86 0.82 0.00	54.57 0.90 0.00	53.49 0.88 0.00	57.90 0.92 0.00	62.14 1.21 0.00	52.43 1.27 0.00	49.29 1.66 0.00	40.27 1.45 0.00	39.20 1.33 0.00	38.11 1.57 0.00	42.15 1.92 0.00	47.65 2.19 0.00	48.35 1.97 0.00	63.74 2.42 0.00	59.37 2.12 0.00	47.77 1.80 0.00	46.96 1.73 0.00	37.66 1.67 0.00	38.19 1.60 0.00
RAVENSWOOD___3 23535	43.10 0.85 0.00	41.29 0.72 0.00	31.18 0.75 0.00	30.60 0.66 0.00	32.99 0.66 0.00	36.91 0.88 0.00	54.77 1.09 0.00	53.89 1.27 0.00	58.46 1.48 0.00	62.76 1.83 0.00	52.84 1.68 0.00	49.47 1.84 0.00	40.34 1.52 0.00	39.28 1.41 0.00	38.16 1.62 0.00	42.24 2.01 0.00	47.76 2.30 0.00	48.47 2.09 0.00	64.15 2.83 0.00	59.82 2.57 0.00	48.05 2.08 0.00	47.14 1.91 0.00	37.71 1.72 0.00	38.23 1.65 0.00
RAVENSWOOD___4 23820	43.12 0.87 0.00	41.35 0.77 0.00	31.25 0.81 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.72 1.05 0.00	53.78 1.17 0.00	58.31 1.33 0.00	62.62 1.68 0.00	52.73 1.57 0.00	49.45 1.82 0.00	40.34 1.51 0.00	39.27 1.40 0.00	38.17 1.63 0.00	42.22 1.99 0.00	47.74 2.28 0.00	48.46 2.08 0.00	64.07 2.75 0.00	59.72 2.46 0.00	47.98 2.01 0.00	47.07 1.85 0.00	37.73 1.74 0.00	38.25 1.67 0.00
RCPL_TRUST___DRP 24196	43.09 0.84 0.00	41.29 0.71 0.00	31.17 0.73 0.00	30.59 0.65 0.00	33.00 0.66 0.00	36.93 0.89 0.00	54.83 1.16 0.00	53.98 1.36 0.00	58.55 1.57 0.00	62.86 1.92 0.00	52.91 1.75 0.00	49.53 1.89 0.00	40.39 1.57 0.00	39.32 1.45 0.00	38.19 1.66 0.00	42.29 2.06 0.00	47.82 2.36 0.00	48.54 2.15 0.00	64.25 2.93 0.00	59.90 2.65 0.00	48.12 2.15 0.00	47.18 1.95 0.00	37.73 1.74 0.00	38.24 1.65 0.00
RED___ROCHESTER 323720	42.97 0.71 0.00	41.14 0.57 0.00	30.68 0.25 0.00	30.21 0.28 0.00	32.62 0.29 0.00	36.37 0.34 0.00	54.50 0.83 0.00	53.16 0.55 0.00	57.67 0.68 0.00	61.44 0.51 0.00	51.59 0.43 0.00	48.09 0.45 0.00	39.18 0.36 0.00	38.28 0.40 0.00	36.80 0.26 0.00	40.12 -0.12 0.00	45.14 -0.32 0.00	46.47 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.81 -0.16 0.00	45.19 -0.04 0.00	36.07 0.08 0.00	36.81 0.22 0.00
REGAN___SOLAR 323812	43.56 1.30 0.00	41.79 1.21 0.00	31.33 0.90 0.00	30.79 0.86 0.00	33.32 0.98 0.00	37.23 1.20 0.00	55.73 2.05 0.00	54.82 2.20 0.00	58.97 1.99 0.00	62.85 1.92 0.00	52.48 1.33 0.00	48.53 0.90 0.00	39.57 0.75 0.00	38.45 0.58 0.00	37.25 0.71 0.00	41.45 1.22 0.00	47.00 1.54 0.00	48.28 1.90 0.00	64.06 2.74 0.00	59.78 2.52 0.00	47.96 2.00 0.00	47.03 1.81 0.00	37.27 1.28 0.00	37.83 1.25 0.00
RENSSELAER___COGEN 23796	41.48 -0.78 0.00	39.87 -0.71 0.00	30.04 -0.40 0.00	29.53 -0.40 0.00	31.89 -0.44 0.00	35.51 -0.52 0.00	52.66 -1.02 0.00	51.72 -0.89 0.00	56.21 -0.77 0.00	60.10 -0.83 0.00	50.59 -0.57 0.00	47.20 -0.43 0.00	38.34 -0.48 0.00	37.41 -0.46 0.00	36.26 -0.28 0.00	40.11 -0.12 0.00	45.43 -0.02 0.00	46.09 -0.29 0.00	60.87 -0.46 0.00	56.84 -0.41 0.00	45.83 -0.14 0.00	45.05 -0.18 0.00	35.85 -0.14 0.00	36.46 -0.12 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.69 3.44 0.00	43.97 3.38 0.00	33.03 2.60 0.00	32.60 2.67 0.00	35.32 2.98 0.00	39.52 3.49 0.00	58.53 4.85 0.00	57.52 4.90 0.00	63.01 6.04 0.00	67.42 6.48 0.00	56.26 5.10 0.00	51.98 4.35 0.00	41.61 2.78 0.00	40.93 3.06 0.00	39.50 2.96 0.00	44.39 4.16 0.00	50.49 5.03 0.00	51.70 5.32 0.00	67.87 6.55 0.00	63.37 6.12 0.00	51.09 5.13 0.00	50.08 4.86 0.00	39.41 3.42 0.00	39.88 3.30 0.00
REVERE_CPPR_DRP 24186	43.69 1.44 0.00	41.94 1.36 0.00	31.39 0.95 0.00	30.92 0.98 0.00	33.43 1.09 0.00	37.45 1.41 0.00	56.08 2.41 0.00	55.05 2.44 0.00	59.58 2.60 0.00	63.65 2.72 0.00	53.37 2.21 0.00	49.69 2.05 0.00	40.24 1.41 0.00	39.32 1.45 0.00	38.01 1.47 0.00	41.91 1.68 0.00	47.39 1.94 0.00	48.52 2.14 0.00	64.33 3.02 0.00	59.98 2.73 0.00	48.00 2.04 0.00	47.08 1.85 0.00	37.30 1.31 0.00	37.84 1.26 0.00
REYNLDPA_13_KV_LD 356490	43.47 1.22 0.00	41.87 1.29 0.00	31.34 0.90 0.00	30.80 0.87 0.00	33.31 0.97 0.00	37.14 1.10 0.00	55.34 1.66 0.00	54.19 1.57 0.00	58.59 1.61 0.00	62.61 1.68 0.00	52.41 1.25 0.00	48.68 1.05 0.00	39.81 0.99 0.00	38.83 0.96 0.00	37.36 0.82 0.00	40.74 0.52 0.00	46.05 0.60 0.00	47.11 0.72 0.00	62.25 0.93 0.00	58.13 0.88 0.00	46.58 0.62 0.00	45.90 0.68 0.00	36.54 0.55 0.00	37.18 0.59 0.00
REYNOLDS_115KV_TB3 80639	41.87 -0.38 0.00	40.28 -0.30 0.00	30.32 -0.12 0.00	29.82 -0.12 0.00	32.21 -0.13 0.00	35.86 -0.17 0.00	53.17 -0.51 0.00	52.27 -0.35 0.00	56.84 -0.14 0.00	60.76 -0.17 0.00	51.13 -0.03 0.00	47.71 0.08 0.00	38.74 -0.08 0.00	37.79 -0.08 0.00	36.59 0.05 0.00	40.52 0.29 0.00	45.88 0.42 0.00	46.51 0.13 0.00	61.41 0.09 0.00	57.35 0.09 0.00	46.26 0.30 0.00	45.50 0.27 0.00	36.19 0.20 0.00	36.80 0.21 0.00
RIVERBAY____ 323610	43.89 1.64 0.00	42.15 1.57 0.00	31.80 1.36 0.00	31.18 1.25 0.00	33.63 1.29 0.00	37.65 1.61 0.00	55.89 2.22 0.00	55.04 2.42 0.00	59.69 2.71 0.00	64.02 3.09 0.00	53.81 2.65 0.00	50.46 2.83 0.00	41.06 2.24 0.00	39.92 2.05 0.00	38.80 2.26 0.00	42.92 2.69 0.00	48.56 3.10 0.00	49.28 2.90 0.00	65.21 3.88 0.00	60.78 3.53 0.00	48.80 2.84 0.00	47.84 2.61 0.00	38.28 2.29 0.00	38.82 2.24 0.00
RIVERSDE_115KV_TB3 55908	41.72 -0.53 0.00	40.12 -0.46 0.00	30.22 -0.22 0.00	29.71 -0.22 0.00	32.09 -0.24 0.00	35.74 -0.30 0.00	52.99 -0.69 0.00	52.01 -0.61 0.00	56.52 -0.46 0.00	60.45 -0.49 0.00	50.86 -0.29 0.00	47.46 -0.17 0.00	38.55 -0.27 0.00	37.68 -0.19 0.00	36.50 -0.04 0.00	40.40 0.17 0.00	45.74 0.29 0.00	46.40 0.02 0.00	61.28 -0.04 0.00	57.19 -0.06 0.00	46.11 0.15 0.00	45.36 0.13 0.00	36.07 0.08 0.00	36.68 0.10 0.00
ROARING___BROOK_WT_PWR 323790	42.43 0.17 0.00	40.78 0.20 0.00	30.57 0.13 0.00	30.08 0.15 0.00	32.50 0.16 0.00	36.21 0.18 0.00	53.94 0.27 0.00	52.88 0.26 0.00	57.22 0.24 0.00	61.18 0.24 0.00	51.33 0.17 0.00	47.77 0.14 0.00	38.95 0.13 0.00	38.01 0.13 0.00	36.66 0.12 0.00	40.31 0.08 0.00	45.54 0.08 0.00	46.47 0.08 0.00	61.42 0.10 0.00	57.32 0.07 0.00	45.97 0.00 0.00	45.09 -0.14 0.00	35.72 -0.27 0.00	36.39 -0.20 0.00

ROCHESRG_115KV_T4 355643	42.65 0.40 0.00	40.89 0.31 0.00	30.51 0.07 0.00	30.03 0.10 0.00	32.44 0.10 0.00	36.14 0.11 0.00	54.09 0.42 0.00	52.74 0.12 0.00	57.17 0.19 0.00	60.94 0.01 0.00	51.17 0.01 0.00	47.70 0.07 0.00	38.88 0.05 0.00	37.99 0.11 0.00	36.52 -0.02 0.00	39.79 -0.44 0.00	44.74 -0.72 0.00	46.01 -0.37 0.00	60.81 -0.51 0.00	56.76 -0.49 0.00	45.35 -0.61 0.00	44.76 -0.46 0.00	35.77 -0.22 0.00	36.53 -0.05 0.00
ROCHESTER_9_IC 23652	42.85 0.59 0.00	41.07 0.49 0.00	30.63 0.19 0.00	30.16 0.22 0.00	32.57 0.23 0.00	36.30 0.26 0.00	54.37 0.69 0.00	53.00 0.39 0.00	57.49 0.51 0.00	61.25 0.32 0.00	51.43 0.28 0.00	47.94 0.30 0.00	39.07 0.25 0.00	38.17 0.30 0.00	36.69 0.15 0.00	39.98 -0.25 0.00	44.97 -0.48 0.00	46.29 -0.09 0.00	61.18 -0.14 0.00	57.11 -0.15 0.00	45.61 -0.35 0.00	45.02 -0.21 0.00	35.95 -0.04 0.00	36.71 0.13 0.00
ROCKVIEW_13_KV_LD 356306	43.12 0.87 0.00	41.31 0.73 0.00	31.15 0.71 0.00	30.57 0.64 0.00	32.98 0.65 0.00	36.88 0.84 0.00	54.80 1.13 0.00	53.99 1.37 0.00	58.53 1.55 0.00	62.80 1.87 0.00	52.85 1.69 0.00	49.44 1.81 0.00	40.29 1.47 0.00	39.23 1.36 0.00	38.10 1.56 0.00	42.19 1.96 0.00	47.72 2.27 0.00	48.45 2.07 0.00	64.19 2.87 0.00	59.89 2.64 0.00	48.16 2.20 0.00	47.21 1.99 0.00	37.71 1.72 0.00	38.20 1.62 0.00
ROME____115KV_TB2 80656	43.69 1.44 0.00	41.94 1.36 0.00	31.39 0.95 0.00	30.92 0.98 0.00	33.43 1.09 0.00	37.45 1.41 0.00	56.08 2.41 0.00	55.05 2.44 0.00	59.58 2.60 0.00	63.65 2.72 0.00	53.37 2.21 0.00	49.69 2.05 0.00	40.24 1.41 0.00	39.32 1.45 0.00	38.01 1.47 0.00	41.91 1.68 0.00	47.39 1.94 0.00	48.52 2.14 0.00	64.33 3.02 0.00	59.98 2.73 0.00	48.00 2.04 0.00	47.08 1.85 0.00	37.30 1.31 0.00	37.84 1.26 0.00
ROSETON___1 23587	42.63 0.37 0.00	40.87 0.29 0.00	30.79 0.35 0.00	30.23 0.30 0.00	32.62 0.28 0.00	36.43 0.39 0.00	54.08 0.41 0.00	53.21 0.59 0.00	57.69 0.71 0.00	61.89 0.95 0.00	52.05 0.89 0.00	48.68 1.05 0.00	39.65 0.83 0.00	38.62 0.75 0.00	37.48 0.94 0.00	41.53 1.29 0.00	46.94 1.49 0.00	47.60 1.22 0.00	62.98 1.66 0.00	58.76 1.51 0.00	47.32 1.36 0.00	46.51 1.28 0.00	37.10 1.11 0.00	37.63 1.04 0.00
ROSETON___2 23588	42.63 0.37 0.00	40.87 0.29 0.00	30.79 0.35 0.00	30.23 0.30 0.00	32.62 0.28 0.00	36.43 0.39 0.00	54.08 0.41 0.00	53.21 0.59 0.00	57.69 0.71 0.00	61.89 0.95 0.00	52.05 0.89 0.00	48.68 1.05 0.00	39.65 0.83 0.00	38.62 0.75 0.00	37.48 0.94 0.00	41.53 1.29 0.00	46.94 1.49 0.00	47.60 1.22 0.00	62.98 1.66 0.00	58.76 1.51 0.00	47.32 1.36 0.00	46.51 1.28 0.00	37.10 1.11 0.00	37.63 1.04 0.00
ROTRRDAM_115KV_TB3 80664	42.70 0.45 0.00	40.98 0.40 0.00	30.80 0.36 0.00	30.28 0.35 0.00	32.71 0.37 0.00	36.46 0.42 0.00	54.27 0.59 0.00	53.24 0.63 0.00	57.70 0.72 0.00	61.73 0.80 0.00	51.85 0.70 0.00	48.32 0.69 0.00	39.31 0.49 0.00	38.29 0.42 0.00	37.03 0.49 0.00	41.03 0.80 0.00	46.43 0.97 0.00	47.27 0.89 0.00	62.47 1.15 0.00	58.29 1.03 0.00	46.92 0.95 0.00	46.12 0.89 0.00	36.67 0.68 0.00	37.24 0.65 0.00
RUSSELL___1 23602	42.97 0.71 0.00	41.15 0.57 0.00	30.68 0.24 0.00	30.21 0.28 0.00	32.62 0.29 0.00	36.37 0.34 0.00	54.51 0.83 0.00	53.16 0.55 0.00	57.66 0.68 0.00	61.44 0.50 0.00	51.60 0.45 0.00	48.08 0.45 0.00	39.18 0.36 0.00	38.28 0.40 0.00	36.80 0.26 0.00	40.12 -0.11 0.00	45.14 -0.31 0.00	46.47 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.81 -0.16 0.00	45.19 -0.04 0.00	36.07 0.08 0.00	36.81 0.23 0.00
RUSSELL___2 23532	42.97 0.71 0.00	41.15 0.57 0.00	30.68 0.24 0.00	30.21 0.28 0.00	32.62 0.29 0.00	36.37 0.34 0.00	54.51 0.83 0.00	53.16 0.55 0.00	57.66 0.68 0.00	61.44 0.50 0.00	51.60 0.45 0.00	48.08 0.45 0.00	39.18 0.36 0.00	38.28 0.40 0.00	36.80 0.26 0.00	40.12 -0.11 0.00	45.14 -0.31 0.00	46.47 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.81 -0.16 0.00	45.19 -0.04 0.00	36.07 0.08 0.00	36.81 0.23 0.00
RUSSELL___3 23549	42.97 0.71 0.00	41.15 0.57 0.00	30.68 0.24 0.00	30.21 0.28 0.00	32.62 0.29 0.00	36.37 0.34 0.00	54.51 0.83 0.00	53.16 0.55 0.00	57.66 0.68 0.00	61.44 0.50 0.00	51.60 0.45 0.00	48.08 0.45 0.00	39.18 0.36 0.00	38.28 0.40 0.00	36.80 0.26 0.00	40.12 -0.11 0.00	45.14 -0.31 0.00	46.47 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.81 -0.16 0.00	45.19 -0.04 0.00	36.07 0.08 0.00	36.81 0.23 0.00
RUSSELL___4 23556	42.97 0.71 0.00	41.15 0.57 0.00	30.68 0.24 0.00	30.21 0.28 0.00	32.62 0.29 0.00	36.37 0.34 0.00	54.51 0.83 0.00	53.16 0.55 0.00	57.66 0.68 0.00	61.44 0.50 0.00	51.60 0.45 0.00	48.08 0.45 0.00	39.18 0.36 0.00	38.28 0.40 0.00	36.80 0.26 0.00	40.12 -0.11 0.00	45.14 -0.31 0.00	46.47 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.81 -0.16 0.00	45.19 -0.04 0.00	36.07 0.08 0.00	36.81 0.23 0.00
RUSSELL___STATION 23914	42.97 0.71 0.00	41.15 0.57 0.00	30.68 0.24 0.00	30.21 0.28 0.00	32.62 0.29 0.00	36.37 0.34 0.00	54.51 0.83 0.00	53.16 0.55 0.00	57.66 0.68 0.00	61.44 0.50 0.00	51.60 0.45 0.00	48.08 0.45 0.00	39.18 0.36 0.00	38.28 0.40 0.00	36.80 0.26 0.00	40.12 -0.11 0.00	45.14 -0.31 0.00	46.47 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.81 -0.16 0.00	45.19 -0.04 0.00	36.07 0.08 0.00	36.81 0.23 0.00
S SALMON___HYD 24043	42.25 -0.01 0.00	40.54 -0.04 0.00	30.37 -0.07 0.00	29.91 -0.03 0.00	32.32 -0.02 0.00	36.11 0.07 0.00	53.98 0.30 0.00	52.96 0.34 0.00	57.42 0.44 0.00	61.24 0.31 0.00	51.21 0.05 0.00	47.64 0.01 0.00	38.79 -0.03 0.00	37.81 -0.06 0.00	36.47 -0.07 0.00	40.05 -0.18 0.00	44.95 -0.50 0.00	46.15 -0.23 0.00	61.57 0.25 0.00	57.59 0.34 0.00	46.04 0.07 0.00	45.33 0.10 0.00	35.90 -0.09 0.00	36.49 -0.09 0.00
S.PERRY__115KV_TB1 80734	44.44 2.19 0.00	42.55 1.97 0.00	31.65 1.21 0.00	31.20 1.27 0.00	33.70 1.36 0.00	37.61 1.57 0.00	56.53 2.86 0.00	55.12 2.50 0.00	59.59 2.61 0.00	63.45 2.52 0.00	53.07 1.91 0.00	49.48 1.85 0.00	40.24 1.42 0.00	38.96 1.09 0.00	36.98 0.44 0.00	40.02 -0.20 0.00	45.01 -0.44 0.00	47.11 0.72 0.00	62.98 1.66 0.00	59.02 1.77 0.00	47.00 1.03 0.00	46.27 1.05 0.00	36.83 0.84 0.00	37.49 0.91 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.14 0.89 0.00	41.36 0.79 0.00	30.70 0.27 0.00	30.27 0.34 0.00	32.65 0.31 0.00	36.26 0.22 0.00	54.24 0.56 0.00	52.36 -0.26 0.00	56.74 -0.24 0.00	60.61 -0.32 0.00	50.81 -0.34 0.00	47.48 -0.15 0.00	38.78 -0.04 0.00	38.01 0.14 0.00	36.42 -0.12 0.00	39.28 -0.95 0.00	43.78 -1.68 0.00	45.03 -1.35 0.00	59.25 -2.07 0.00	55.33 -1.93 0.00	44.10 -1.87 0.00	43.83 -1.40 0.00	35.28 -0.71 0.00	36.34 -0.24 0.00

SAWYER___23_KV_LOAD 55526	43.14 0.89 0.00	41.36 0.79 0.00	30.70 0.27 0.00	30.27 0.34 0.00	32.65 0.31 0.00	36.26 0.22 0.00	54.24 0.56 0.00	52.36 -0.26 0.00	56.74 -0.24 0.00	60.61 -0.32 0.00	50.81 -0.34 0.00	47.48 -0.15 0.00	38.78 -0.04 0.00	38.01 0.14 0.00	36.42 -0.12 0.00	39.28 -0.95 0.00	43.78 -1.68 0.00	45.03 -1.35 0.00	59.25 -2.07 0.00	55.33 -1.93 0.00	44.10 -1.87 0.00	43.83 -1.40 0.00	35.28 -0.71 0.00	36.34 -0.24 0.00
SELKIRK___I 23801	41.11 -1.15 0.00	39.49 -1.09 0.00	29.73 -0.71 0.00	29.24 -0.69 0.00	31.57 -0.77 0.00	35.23 -0.80 0.00	52.28 -1.39 0.00	51.25 -1.36 0.00	26.38 -1.39 29.21	55.13 -1.51 4.30	50.02 -1.13 0.00	46.61 -1.02 0.00	37.89 -0.93 0.00	36.99 -0.88 0.00	35.80 -0.74 0.00	39.62 -0.60 0.00	44.83 -0.62 0.00	45.56 -0.82 0.00	60.23 -1.09 0.00	56.14 -1.11 0.00	45.24 -0.72 0.00	44.50 -0.73 0.00	35.68 -0.31 0.00	36.76 0.17 0.00
SELKIRK___II 23799	41.45 -0.81 0.00	39.81 -0.77 0.00	29.98 -0.46 0.00	29.47 -0.46 0.00	31.83 -0.51 0.00	35.47 -0.56 0.00	52.61 -1.06 0.00	51.62 -1.00 0.00	-24.49 -0.94 80.53	48.13 -0.96 11.85	50.51 -0.64 0.00	47.11 -0.52 0.00	38.30 -0.52 0.00	37.37 -0.50 0.00	36.19 -0.35 0.00	40.03 -0.20 0.00	45.29 -0.17 0.00	45.99 -0.39 0.00	60.78 -0.54 0.00	56.69 -0.56 0.00	45.69 -0.28 0.00	44.94 -0.29 0.00	35.79 -0.21 0.00	36.41 -0.17 0.00
SENECA OSWGO___HYD 24041	41.39 -0.86 0.00	39.69 -0.89 0.00	29.74 -0.70 0.00	29.27 -0.66 0.00	31.61 -0.73 0.00	35.27 -0.76 0.00	52.66 -1.02 0.00	51.61 -1.01 0.00	55.88 -1.10 0.00	59.73 -1.21 0.00	50.13 -1.03 0.00	46.66 -0.97 0.00	38.03 -0.80 0.00	37.12 -0.75 0.00	35.81 -0.73 0.00	39.36 -0.86 0.00	44.40 -1.05 0.00	45.46 -0.92 0.00	60.22 -1.10 0.00	56.26 -0.99 0.00	45.09 -0.87 0.00	44.35 -0.87 0.00	35.28 -0.71 0.00	35.86 -0.73 0.00
SENECA___115KV_TB3 355854	43.46 1.21 0.00	41.65 1.06 0.00	30.90 0.47 0.00	30.47 0.54 0.00	32.85 0.52 0.00	36.53 0.50 0.00	54.69 1.01 0.00	52.88 0.26 0.00	57.24 0.26 0.00	61.23 0.29 0.00	51.26 0.10 0.00	47.93 0.29 0.00	39.09 0.27 0.00	38.30 0.43 0.00	36.68 0.14 0.00	39.59 -0.63 0.00	44.18 -1.28 0.00	45.53 -0.85 0.00	60.02 -1.30 0.00	56.02 -1.23 0.00	44.63 -1.34 0.00	44.29 -0.93 0.00	35.56 -0.43 0.00	36.56 -0.03 0.00
SENECA___ENERGY 23797	42.65 0.40 0.00	40.90 0.32 0.00	30.54 0.11 0.00	30.08 0.15 0.00	32.48 0.14 0.00	36.28 0.25 0.00	54.37 0.69 0.00	53.23 0.62 0.00	57.47 0.49 0.00	61.40 0.46 0.00	51.50 0.34 0.00	47.85 0.22 0.00	38.93 0.10 0.00	38.09 0.22 0.00	36.65 0.11 0.00	40.08 -0.15 0.00	44.95 -0.51 0.00	46.29 -0.09 0.00	61.57 0.24 0.00	57.49 0.23 0.00	45.95 -0.02 0.00	45.16 -0.06 0.00	36.00 0.01 0.00	36.57 -0.02 0.00
SHOEMAKER___GT 23640	43.02 0.77 0.00	41.23 0.65 0.00	30.97 0.54 0.00	30.42 0.49 0.00	32.83 0.49 0.00	36.70 0.67 0.00	54.71 1.04 0.00	53.86 1.25 0.00	58.29 1.31 0.00	62.41 1.48 0.00	52.43 1.27 0.00	48.98 1.34 0.00	39.84 1.02 0.00	38.76 0.89 0.00	37.64 1.11 0.00	41.73 1.50 0.00	47.23 1.77 0.00	48.10 1.72 0.00	63.88 2.56 0.00	59.63 2.38 0.00	47.90 1.93 0.00	46.95 1.72 0.00	37.39 1.40 0.00	37.88 1.30 0.00
SHOEMAKR_138KV_BK 111 55601	42.98 0.73 0.00	41.21 0.63 0.00	30.96 0.52 0.00	30.39 0.46 0.00	32.80 0.47 0.00	36.67 0.64 0.00	54.66 0.99 0.00	53.81 1.20 0.00	58.25 1.27 0.00	62.37 1.44 0.00	52.39 1.24 0.00	48.96 1.33 0.00	39.84 1.01 0.00	38.76 0.89 0.00	37.64 1.10 0.00	41.72 1.49 0.00	47.21 1.76 0.00	48.06 1.68 0.00	63.82 2.51 0.00	59.60 2.35 0.00	47.86 1.90 0.00	46.92 1.69 0.00	37.37 1.38 0.00	37.86 1.27 0.00
SHOREHAM_IC_1 23715	42.07 -0.18 0.00	40.47 -0.11 0.00	30.94 0.50 0.00	30.21 0.27 0.00	32.44 0.10 0.00	35.63 -0.41 0.00	52.75 -0.93 0.00	52.02 -0.58 0.01	56.15 -0.65 0.18	60.62 -0.31 0.00	51.02 -0.13 0.00	47.29 -0.34 0.00	38.98 0.15 0.00	38.14 0.27 0.00	37.23 0.69 0.00	40.73 0.50 0.00	46.34 0.88 0.00	46.78 0.40 0.00	60.07 0.30 1.55	55.44 0.29 2.09	44.89 0.58 1.66	44.03 0.31 1.51	36.94 0.95 0.00	37.90 1.31 0.00
SHOREHAM_IC_2 23716	42.07 -0.18 0.00	40.46 -0.12 0.00	30.93 0.50 0.00	30.21 0.27 0.00	32.44 0.11 0.00	35.63 -0.41 0.00	52.75 -0.93 0.00	52.03 -0.58 0.01	56.15 -0.65 0.18	60.62 -0.31 0.00	51.01 -0.14 0.00	47.29 -0.35 0.00	38.98 0.16 0.00	38.14 0.27 0.00	37.22 0.68 0.00	40.73 0.50 0.00	46.34 0.88 0.00	46.78 0.40 0.00	60.07 0.30 1.55	55.44 0.29 2.09	44.89 0.58 1.66	44.04 0.31 1.51	36.94 0.95 0.00	37.90 1.31 0.00
SISSONVILLE____ 23735	44.15 1.89 0.00	42.55 1.97 0.00	31.80 1.36 0.00	31.28 1.35 0.00	33.86 1.53 0.00	37.81 1.77 0.00	56.44 2.77 0.00	55.39 2.78 0.00	59.85 2.87 0.00	63.85 2.91 0.00	53.29 2.14 0.00	49.43 1.80 0.00	40.37 1.54 0.00	39.32 1.46 0.00	37.77 1.23 0.00	41.32 1.09 0.00	46.08 0.62 0.00	46.80 0.42 0.00	62.36 1.04 0.00	58.35 1.10 0.00	46.87 0.90 0.00	46.35 1.12 0.00	36.92 0.93 0.00	37.51 0.92 0.00
SITHE_IND_GS1 24169	41.06 -1.20 0.00	39.38 -1.20 0.00	29.52 -0.91 0.00	29.04 -0.89 0.00	31.38 -0.96 0.00	34.99 -1.04 0.00	52.19 -1.48 0.00	51.12 -1.49 0.00	55.37 -1.61 0.00	59.18 -1.75 0.00	49.68 -1.47 0.00	46.27 -1.37 0.00	37.69 -1.13 0.00	36.78 -1.09 0.00	35.51 -1.03 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.04 -1.35 0.00	59.60 -1.72 0.00	55.64 -1.61 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.95 -1.04 0.00	35.53 -1.06 0.00
SITHE_IND_GS2 24170	41.06 -1.20 0.00	39.38 -1.20 0.00	29.52 -0.91 0.00	29.04 -0.89 0.00	31.38 -0.96 0.00	34.99 -1.04 0.00	52.19 -1.48 0.00	51.12 -1.49 0.00	55.37 -1.61 0.00	59.18 -1.75 0.00	49.68 -1.47 0.00	46.27 -1.37 0.00	37.69 -1.13 0.00	36.78 -1.09 0.00	35.51 -1.03 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.04 -1.35 0.00	59.60 -1.72 0.00	55.64 -1.61 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.95 -1.04 0.00	35.53 -1.06 0.00
SITHE_IND_GS3 24171	41.06 -1.20 0.00	39.38 -1.20 0.00	29.52 -0.91 0.00	29.04 -0.89 0.00	31.38 -0.96 0.00	34.99 -1.04 0.00	52.19 -1.48 0.00	51.12 -1.49 0.00	55.37 -1.61 0.00	59.18 -1.75 0.00	49.68 -1.47 0.00	46.27 -1.37 0.00	37.69 -1.13 0.00	36.78 -1.09 0.00	35.51 -1.03 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.04 -1.35 0.00	59.60 -1.72 0.00	55.64 -1.61 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.95 -1.04 0.00	35.53 -1.06 0.00
SITHE_IND_GS4 24172	41.06 -1.20 0.00	39.38 -1.20 0.00	29.52 -0.91 0.00	29.04 -0.89 0.00	31.38 -0.96 0.00	34.99 -1.04 0.00	52.19 -1.48 0.00	51.12 -1.49 0.00	55.37 -1.61 0.00	59.18 -1.75 0.00	49.68 -1.47 0.00	46.27 -1.37 0.00	37.69 -1.13 0.00	36.78 -1.09 0.00	35.51 -1.03 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.04 -1.35 0.00	59.60 -1.72 0.00	55.64 -1.61 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.95 -1.04 0.00	35.53 -1.06 0.00

SITHE___BATAVIA 24024	43.97 1.72 0.00	42.11 1.53 0.00	31.34 0.90 0.00	30.86 0.93 0.00	33.32 0.98 0.00	37.11 1.08 0.00	55.59 1.92 0.00	53.91 1.30 0.00	58.90 1.92 0.00	62.59 1.66 0.00	52.28 1.12 0.00	48.81 1.17 0.00	39.36 0.54 0.00	38.33 0.46 0.00	36.71 0.17 0.00	39.72 -0.51 0.00	44.49 -0.96 0.00	46.14 -0.24 0.00	61.26 -0.06 0.00	57.31 0.06 0.00	45.69 -0.27 0.00	45.26 0.03 0.00	36.27 0.28 0.00	37.27 0.68 0.00
SITHE___INDEPEND 23800	41.06 -1.20 0.00	39.38 -1.20 0.00	29.52 -0.92 0.00	29.04 -0.90 0.00	31.38 -0.96 0.00	34.99 -1.05 0.00	52.19 -1.48 0.00	51.13 -1.49 0.00	55.37 -1.61 0.00	59.18 -1.75 0.00	49.68 -1.47 0.00	46.27 -1.37 0.00	37.69 -1.13 0.00	36.79 -1.09 0.00	35.51 -1.03 0.00	39.05 -1.18 0.00	44.05 -1.40 0.00	45.03 -1.35 0.00	59.60 -1.72 0.00	55.64 -1.61 0.00	44.62 -1.35 0.00	43.89 -1.34 0.00	34.95 -1.04 0.00	35.53 -1.06 0.00
SITHE___MASSENA 23902	43.51 1.26 0.00	41.92 1.33 0.00	31.37 0.93 0.00	30.82 0.89 0.00	33.34 1.01 0.00	37.18 1.15 0.00	55.42 1.74 0.00	54.29 1.68 0.00	58.70 1.72 0.00	62.72 1.79 0.00	52.47 1.32 0.00	48.74 1.10 0.00	39.84 1.02 0.00	38.85 0.98 0.00	37.36 0.81 0.00	40.71 0.48 0.00	45.89 0.44 0.00	46.89 0.51 0.00	62.06 0.73 0.00	57.97 0.72 0.00	46.46 0.49 0.00	45.79 0.56 0.00	36.45 0.46 0.00	37.09 0.50 0.00
SITHE___OGDNSBRG 24021	44.61 2.36 0.00	43.02 2.44 0.00	32.16 1.72 0.00	31.61 1.68 0.00	34.22 1.89 0.00	38.21 2.18 0.00	57.10 3.43 0.00	56.01 3.40 0.00	60.46 3.48 0.00	64.42 3.48 0.00	53.72 2.56 0.00	49.83 2.20 0.00	40.63 1.81 0.00	39.51 1.64 0.00	37.88 1.34 0.00	41.26 1.03 0.00	46.28 0.82 0.00	47.35 0.97 0.00	63.40 2.08 0.00	59.39 2.14 0.00	47.59 1.62 0.00	46.91 1.69 0.00	37.32 1.33 0.00	37.91 1.33 0.00
SITHE___STERLING 23777	43.21 0.96 0.00	41.46 0.88 0.00	31.07 0.63 0.00	30.61 0.67 0.00	33.08 0.75 0.00	37.00 0.97 0.00	55.39 1.72 0.00	54.42 1.80 0.00	58.89 1.91 0.00	62.92 1.98 0.00	52.79 1.63 0.00	49.14 1.51 0.00	39.85 1.03 0.00	38.91 1.04 0.00	37.62 1.08 0.00	41.47 1.24 0.00	46.92 1.46 0.00	48.01 1.63 0.00	63.59 2.27 0.00	59.26 2.01 0.00	47.47 1.50 0.00	46.58 1.35 0.00	36.95 0.96 0.00	37.49 0.90 0.00
SLEIGHT__34_KV_TB1 80719	42.33 0.08 0.00	40.57 -0.01 0.00	30.30 -0.14 0.00	29.83 -0.10 0.00	32.24 -0.10 0.00	35.99 -0.05 0.00	53.95 0.28 0.00	52.75 0.13 0.00	57.13 0.14 0.00	60.92 -0.01 0.00	51.18 0.02 0.00	47.61 -0.02 0.00	38.77 -0.06 0.00	37.84 -0.03 0.00	36.39 -0.15 0.00	39.74 -0.49 0.00	44.72 -0.74 0.00	46.06 -0.32 0.00	61.10 -0.22 0.00	57.04 -0.21 0.00	45.56 -0.40 0.00	44.87 -0.36 0.00	35.75 -0.24 0.00	36.40 -0.19 0.00
SMITHTWN_69_KV_BK 1 55830	42.62 0.37 0.00	40.99 0.41 0.00	31.17 0.74 0.00	30.45 0.51 0.00	32.70 0.37 0.00	36.10 0.07 0.00	53.43 -0.24 0.00	52.64 0.04 0.01	56.67 -0.07 0.23	61.32 0.39 0.00	51.65 0.49 0.00	47.90 0.27 0.00	39.49 0.66 0.00	38.63 0.76 0.00	37.66 1.12 0.00	41.20 0.97 0.00	46.85 1.40 0.00	47.18 0.80 0.00	59.23 0.93 3.02	54.07 0.91 4.10	43.92 1.17 3.22	43.21 0.90 2.92	37.28 1.29 0.00	38.12 1.53 0.00
SOUTH CAIRO___GT 23612	42.45 0.20 0.00	40.75 0.17 0.00	30.67 0.23 0.00	30.16 0.22 0.00	32.60 0.26 0.00	36.75 0.72 0.00	54.83 1.15 0.00	54.05 1.43 0.00	18.94 1.86 39.89	56.67 1.61 5.87	52.54 1.39 0.00	48.71 1.08 0.00	39.40 0.57 0.00	38.49 0.62 0.00	37.23 0.69 0.00	41.27 1.04 0.00	46.50 1.04 0.00	47.65 1.27 0.00	63.76 2.44 0.00	58.60 1.35 0.00	47.13 1.16 0.00	46.27 1.05 0.00	36.72 0.73 0.00	37.33 0.74 0.00
SOUTH HAMPTN___IC 23720	42.14 -0.11 0.00	40.51 -0.07 0.00	30.93 0.49 0.00	30.21 0.28 0.00	32.45 0.11 0.00	35.72 -0.32 0.00	52.91 -0.76 0.00	52.22 -0.38 0.01	56.37 -0.43 0.18	60.95 0.02 0.00	51.27 0.11 0.00	47.52 -0.11 0.00	39.13 0.31 0.00	38.29 0.42 0.00	37.38 0.84 0.00	40.85 0.62 0.00	46.51 1.05 0.00	47.00 0.62 0.00	60.57 0.66 1.41	55.94 0.59 1.91	45.24 0.78 1.51	44.35 0.49 1.37	37.07 1.08 0.00	38.05 1.47 0.00
SOUTHDOW_115KV_TB1 355954	44.43 2.18 0.00	42.52 1.94 0.00	31.42 0.99 0.00	31.01 1.08 0.00	33.40 1.06 0.00	37.25 1.21 0.00	55.93 2.26 0.00	55.19 2.58 0.00	60.61 3.63 0.00	64.81 3.88 0.00	52.73 1.58 0.00	49.23 1.60 0.00	39.97 1.14 0.00	39.26 1.39 0.00	37.51 0.97 0.00	40.74 0.51 0.00	45.62 0.16 0.00	47.12 0.74 0.00	62.41 1.08 0.00	58.27 1.02 0.00	46.21 0.24 0.00	45.54 0.31 0.00	36.36 0.37 0.00	37.25 0.66 0.00
SOUTHOLD_69_KV_BK 2 55809	41.69 -0.56 0.00	40.05 -0.53 0.00	30.58 0.14 0.00	29.87 -0.06 0.00	32.09 -0.25 0.00	35.33 -0.70 0.00	52.38 -1.30 0.00	51.76 -0.85 0.01	55.91 -0.89 0.18	60.51 -0.42 0.00	50.84 -0.32 0.00	47.17 -0.47 0.00	38.80 -0.02 0.00	37.96 0.09 0.00	37.08 0.53 0.00	40.40 0.17 0.00	46.00 0.55 0.00	46.67 0.29 0.00	60.18 0.28 1.42	55.56 0.22 1.91	44.92 0.46 1.51	44.02 0.16 1.37	36.81 0.82 0.00	37.87 1.29 0.00
SOUTHOLD___IC 23719	41.69 -0.56 0.00	40.05 -0.53 0.00	30.58 0.14 0.00	29.87 -0.06 0.00	32.09 -0.25 0.00	35.33 -0.70 0.00	52.38 -1.30 0.00	51.76 -0.85 0.01	55.91 -0.89 0.18	60.51 -0.42 0.00	50.85 -0.31 0.00	47.17 -0.46 0.00	38.80 -0.02 0.00	37.97 0.10 0.00	37.07 0.53 0.00	40.40 0.17 0.00	46.00 0.55 0.00	46.67 0.29 0.00	60.17 0.27 1.42	55.56 0.22 1.91	44.92 0.47 1.51	44.01 0.15 1.37	36.81 0.82 0.00	37.88 1.29 0.00
SOUTH_FORK_WT_PWR 323839	41.00 -1.26 0.00	39.38 -1.20 0.00	30.09 -0.35 0.00	29.38 -0.56 0.00	31.57 -0.77 0.00	34.76 -1.28 0.00	51.52 -2.16 0.00	50.92 -1.69 0.01	55.02 -1.79 0.18	59.54 -1.39 0.00	50.06 -1.10 0.00	46.45 -1.18 0.00	38.19 -0.63 0.00	37.35 -0.52 0.00	36.49 -0.05 0.00	39.83 -0.40 0.00	45.38 -0.07 0.00	45.94 -0.44 0.00	59.23 -0.68 1.41	54.69 -0.66 1.91	44.20 -0.26 1.51	43.31 -0.55 1.37	36.29 0.30 0.00	37.46 0.87 0.00
SPIERFLS_115KV_TB 1 80737	42.98 0.73 0.00	41.29 0.71 0.00	31.03 0.59 0.00	30.54 0.60 0.00	33.03 0.69 0.00	36.83 0.80 0.00	54.78 1.11 0.00	53.83 1.22 0.00	58.49 1.51 0.00	62.52 1.59 0.00	52.40 1.24 0.00	48.75 1.12 0.00	39.48 0.66 0.00	38.54 0.67 0.00	37.23 0.69 0.00	41.47 1.24 0.00	47.07 1.62 0.00	48.01 1.63 0.00	63.37 2.05 0.00	59.11 1.86 0.00	47.61 1.64 0.00	46.71 1.48 0.00	36.99 1.00 0.00	37.51 0.92 0.00
ST LAWRENCE____ 23600	42.89 0.64 0.00	41.30 0.72 0.00	30.92 0.48 0.00	30.40 0.47 0.00	32.86 0.52 0.00	36.60 0.57 0.00	54.51 0.83 0.00	53.40 0.78 0.00	57.78 0.80 0.00	61.75 0.81 0.00	51.70 0.54 0.00	48.03 0.40 0.00	39.28 0.45 0.00	38.31 0.44 0.00	36.86 0.32 0.00	40.36 0.13 0.00	45.56 0.10 0.00	46.54 0.16 0.00	61.49 0.17 0.00	57.45 0.20 0.00	46.05 0.08 0.00	45.36 0.14 0.00	36.10 0.11 0.00	36.71 0.12 0.00

STATE_CA_115KV_115_LB 55624	41.79 -0.47 0.00	40.17 -0.41 0.00	30.26 -0.18 0.00	29.76 -0.18 0.00	32.14 -0.19 0.00	35.80 -0.23 0.00	53.11 -0.57 0.00	52.18 -0.44 0.00	56.67 -0.31 0.00	60.62 -0.31 0.00	51.01 -0.15 0.00	47.59 -0.04 0.00	38.68 -0.14 0.00	37.74 -0.13 0.00	36.56 0.02 0.00	40.46 0.23 0.00	45.80 0.35 0.00	46.48 0.10 0.00	61.39 0.07 0.00	57.30 0.04 0.00	46.16 0.19 0.00	45.36 0.13 0.00	36.07 0.08 0.00	36.68 0.09 0.00
STATE_ST_34_KV_LOAD 55959	42.57 0.32 0.00	40.84 0.26 0.00	30.54 0.11 0.00	30.08 0.15 0.00	32.48 0.14 0.00	36.32 0.29 0.00	54.33 0.66 0.00	53.16 0.55 0.00	57.48 0.50 0.00	61.43 0.50 0.00	51.58 0.42 0.00	47.91 0.28 0.00	38.93 0.11 0.00	38.05 0.18 0.00	36.80 0.25 0.00	40.43 0.20 0.00	45.38 -0.08 0.00	46.50 0.12 0.00	61.94 0.62 0.00	57.83 0.57 0.00	46.28 0.32 0.00	45.47 0.25 0.00	36.19 0.20 0.00	36.70 0.11 0.00
STATION_5_MISC_HYD 23604	42.85 0.59 0.00	41.07 0.48 0.00	30.63 0.19 0.00	30.16 0.22 0.00	32.57 0.23 0.00	36.30 0.26 0.00	54.37 0.69 0.00	53.00 0.39 0.00	57.49 0.51 0.00	61.25 0.32 0.00	51.42 0.26 0.00	47.94 0.31 0.00	39.07 0.25 0.00	38.17 0.30 0.00	36.69 0.15 0.00	39.98 -0.25 0.00	44.97 -0.48 0.00	46.29 -0.09 0.00	61.18 -0.14 0.00	57.11 -0.15 0.00	45.62 -0.34 0.00	45.02 -0.21 0.00	35.95 -0.04 0.00	36.71 0.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.61 0.35 0.00	40.83 0.25 0.00	30.48 0.05 0.00	30.01 0.08 0.00	32.42 0.08 0.00	36.19 0.15 0.00	54.23 0.55 0.00	53.00 0.39 0.00	57.29 0.31 0.00	61.21 0.28 0.00	51.37 0.22 0.00	47.79 0.16 0.00	38.91 0.08 0.00	38.02 0.15 0.00	36.57 0.03 0.00	39.95 -0.28 0.00	44.95 -0.50 0.00	46.29 -0.09 0.00	61.34 0.03 0.00	57.27 0.02 0.00	45.76 -0.21 0.00	45.05 -0.18 0.00	35.92 -0.07 0.00	36.58 -0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.52 0.27 0.00	40.76 0.18 0.00	30.41 -0.02 0.00	29.94 0.01 0.00	32.34 0.00 0.00	36.04 0.01 0.00	53.98 0.30 0.00	52.66 0.04 0.00	57.10 0.12 0.00	60.87 -0.06 0.00	51.12 -0.04 0.00	47.63 0.01 0.00	38.82 0.00 0.00	37.91 0.05 0.00	36.46 -0.08 0.00	39.74 -0.48 0.00	44.73 -0.73 0.00	46.01 -0.37 0.00	60.81 -0.51 0.00	56.76 -0.49 0.00	45.34 -0.63 0.00	44.72 -0.50 0.00	35.72 -0.27 0.00	36.46 -0.13 0.00
STA_56___34_KV_BUS2 355983	42.52 0.27 0.00	40.76 0.18 0.00	30.41 -0.02 0.00	29.94 0.01 0.00	32.34 0.00 0.00	36.04 0.01 0.00	53.98 0.30 0.00	52.66 0.04 0.00	57.10 0.12 0.00	60.87 -0.06 0.00	51.12 -0.04 0.00	47.63 0.01 0.00	38.82 0.00 0.00	37.91 0.05 0.00	36.46 -0.08 0.00	39.74 -0.48 0.00	44.73 -0.73 0.00	46.01 -0.37 0.00	60.81 -0.51 0.00	56.76 -0.49 0.00	45.34 -0.63 0.00	44.72 -0.50 0.00	35.72 -0.27 0.00	36.46 -0.13 0.00
STA_67___115KV_BK2 355882	42.79 0.53 0.00	41.01 0.43 0.00	30.59 0.15 0.00	30.12 0.18 0.00	32.52 0.19 0.00	36.25 0.21 0.00	54.29 0.62 0.00	52.92 0.30 0.00	57.38 0.40 0.00	61.14 0.21 0.00	51.33 0.18 0.00	47.86 0.23 0.00	39.00 0.18 0.00	38.10 0.23 0.00	36.63 0.09 0.00	39.91 -0.32 0.00	44.89 -0.57 0.00	46.19 -0.19 0.00	61.06 -0.27 0.00	56.98 -0.27 0.00	45.51 -0.46 0.00	44.93 -0.30 0.00	35.88 -0.11 0.00	36.65 0.06 0.00
STA_7___115KV_9TRANS 80674	42.97 0.71 0.00	41.15 0.57 0.00	30.68 0.24 0.00	30.21 0.28 0.00	32.62 0.29 0.00	36.37 0.34 0.00	54.51 0.83 0.00	53.16 0.55 0.00	57.66 0.68 0.00	61.44 0.50 0.00	51.60 0.45 0.00	48.08 0.45 0.00	39.18 0.36 0.00	38.28 0.40 0.00	36.80 0.26 0.00	40.12 -0.11 0.00	45.14 -0.31 0.00	46.47 0.09 0.00	61.42 0.10 0.00	57.36 0.11 0.00	45.81 -0.16 0.00	45.19 -0.04 0.00	36.07 0.08 0.00	36.81 0.23 0.00
STA_82___115KV_TB1 80780	42.80 0.55 0.00	41.04 0.46 0.00	30.61 0.17 0.00	30.13 0.19 0.00	32.55 0.21 0.00	36.27 0.23 0.00	54.31 0.64 0.00	52.95 0.34 0.00	57.43 0.45 0.00	61.19 0.26 0.00	51.38 0.22 0.00	47.88 0.26 0.00	39.02 0.20 0.00	38.12 0.25 0.00	36.64 0.10 0.00	39.93 -0.30 0.00	44.90 -0.55 0.00	46.21 -0.17 0.00	61.07 -0.25 0.00	57.01 -0.24 0.00	45.54 -0.43 0.00	44.94 -0.29 0.00	35.90 -0.09 0.00	36.67 0.08 0.00
STEEL___WIND 323596	43.42 1.16 0.00	41.61 1.03 0.00	30.88 0.44 0.00	30.45 0.51 0.00	32.82 0.49 0.00	36.50 0.47 0.00	54.64 0.96 0.00	52.83 0.21 0.00	57.18 0.19 0.00	61.16 0.23 0.00	51.21 0.05 0.00	47.88 0.25 0.00	39.05 0.23 0.00	38.27 0.40 0.00	36.63 0.09 0.00	39.53 -0.69 0.00	44.11 -1.34 0.00	45.46 -0.92 0.00	59.92 -1.40 0.00	55.95 -1.31 0.00	44.56 -1.41 0.00	44.25 -0.98 0.00	35.52 -0.47 0.00	36.51 -0.08 0.00
STEPHTWN_115KV_BK_2 55603	41.83 -0.42 0.00	40.21 -0.37 0.00	30.24 -0.20 0.00	29.74 -0.19 0.00	32.14 -0.20 0.00	35.86 -0.17 0.00	53.28 -0.39 0.00	52.37 -0.24 0.00	56.86 -0.12 0.00	60.78 -0.15 0.00	51.23 0.07 0.00	47.77 0.14 0.00	38.80 -0.03 0.00	37.89 0.02 0.00	36.71 0.17 0.00	40.66 0.43 0.00	46.11 0.65 0.00	46.82 0.44 0.00	61.76 0.43 0.00	57.58 0.33 0.00	46.36 0.39 0.00	45.53 0.30 0.00	36.20 0.21 0.00	36.82 0.24 0.00
STEUBEN_REC_LFGE 323667	43.42 1.16 0.00	41.74 1.16 0.00	30.99 0.56 0.00	30.54 0.60 0.00	32.92 0.58 0.00	36.66 0.62 0.00	54.83 1.16 0.00	53.02 0.41 0.00	57.21 0.23 0.00	61.05 0.11 0.00	50.72 -0.44 0.00	47.29 -0.34 0.00	38.56 -0.26 0.00	37.81 -0.05 0.00	36.13 -0.41 0.00	38.69 -1.54 0.00	43.25 -2.21 0.00	45.22 -1.16 0.00	60.09 -1.23 0.00	55.96 -1.29 0.00	44.59 -1.38 0.00	43.88 -1.35 0.00	34.98 -1.01 0.00	35.75 -0.83 0.00
STILLWATER___SOLAR 323814	43.08 0.82 0.00	41.38 0.80 0.00	31.11 0.67 0.00	30.60 0.66 0.00	33.07 0.73 0.00	36.87 0.84 0.00	54.84 1.17 0.00	53.85 1.24 0.00	58.47 1.49 0.00	62.48 1.55 0.00	52.44 1.29 0.00	48.83 1.20 0.00	39.64 0.82 0.00	38.65 0.78 0.00	37.33 0.79 0.00	41.51 1.28 0.00	47.07 1.61 0.00	47.93 1.55 0.00	63.31 1.99 0.00	59.07 1.81 0.00	47.58 1.62 0.00	46.73 1.50 0.00	37.07 1.08 0.00	37.63 1.05 0.00
STONY___BROOK 24151	42.59 0.34 0.00	40.97 0.39 0.00	31.18 0.74 0.00	30.45 0.51 0.00	32.70 0.36 0.00	36.06 0.03 0.00	53.34 -0.33 0.00	52.54 -0.06 0.01	56.55 -0.23 0.20	61.18 0.25 0.00	51.56 0.40 0.00	47.81 0.18 0.00	39.42 0.60 0.00	38.60 0.73 0.00	37.64 1.10 0.00	41.17 0.94 0.00	46.79 1.34 0.00	47.03 0.65 0.00	59.77 0.64 2.19	54.91 0.62 2.97	44.66 1.04 2.34	43.90 0.79 2.12	37.26 1.26 0.00	38.14 1.55 0.00
STURGEON_POOL_HYD 23609	43.04 0.79 0.00	41.25 0.67 0.00	31.05 0.62 0.00	30.48 0.55 0.00	32.88 0.55 0.00	36.74 0.70 0.00	54.63 0.96 0.00	53.79 1.17 0.00	49.54 1.39 8.83	61.23 1.60 1.30	52.57 1.41 0.00	49.15 1.52 0.00	40.01 1.18 0.00	38.92 1.05 0.00	37.79 1.24 0.00	41.86 1.63 0.00	47.34 1.88 0.00	48.07 1.69 0.00	63.69 2.37 0.00	59.50 2.25 0.00	47.87 1.90 0.00	46.99 1.76 0.00	37.44 1.45 0.00	37.87 1.29 0.00

ST_LAW_115_BK7_LBMP 345037	42.96 0.71 0.00	41.38 0.80 0.00	30.97 0.54 0.00	30.45 0.51 0.00	32.92 0.59 0.00	36.69 0.66 0.00	54.66 0.98 0.00	53.56 0.95 0.00	57.94 0.96 0.00	61.91 0.98 0.00	51.84 0.68 0.00	48.13 0.50 0.00	39.36 0.54 0.00	38.39 0.52 0.00	36.93 0.39 0.00	40.38 0.15 0.00	45.58 0.13 0.00	46.58 0.20 0.00	61.55 0.23 0.00	57.49 0.24 0.00	46.07 0.11 0.00	45.41 0.18 0.00	36.14 0.15 0.00	36.75 0.16 0.00
ST_LAW_115_BK8_LBMP 345038	42.96 0.71 0.00	41.38 0.80 0.00	30.97 0.54 0.00	30.45 0.51 0.00	32.92 0.59 0.00	36.69 0.66 0.00	54.66 0.98 0.00	53.56 0.95 0.00	57.94 0.96 0.00	61.91 0.98 0.00	51.84 0.68 0.00	48.13 0.50 0.00	39.36 0.54 0.00	38.39 0.52 0.00	36.93 0.39 0.00	40.38 0.15 0.00	45.58 0.13 0.00	46.58 0.20 0.00	61.55 0.23 0.00	57.49 0.24 0.00	46.07 0.11 0.00	45.41 0.18 0.00	36.14 0.15 0.00	36.75 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	42.89 0.64 0.00	41.30 0.72 0.00	30.92 0.48 0.00	30.40 0.47 0.00	32.86 0.52 0.00	36.60 0.57 0.00	54.51 0.83 0.00	53.40 0.78 0.00	57.78 0.80 0.00	61.75 0.81 0.00	51.70 0.54 0.00	48.03 0.40 0.00	39.28 0.45 0.00	38.31 0.44 0.00	36.86 0.32 0.00	40.36 0.13 0.00	45.56 0.10 0.00	46.54 0.16 0.00	61.49 0.17 0.00	57.45 0.20 0.00	46.05 0.08 0.00	45.36 0.14 0.00	36.10 0.11 0.00	36.71 0.12 0.00
ST_LAW_230_BK6_LBMP 345036	42.89 0.64 0.00	41.30 0.72 0.00	30.92 0.48 0.00	30.40 0.47 0.00	32.86 0.52 0.00	36.60 0.57 0.00	54.51 0.83 0.00	53.40 0.78 0.00	57.78 0.80 0.00	61.75 0.81 0.00	51.70 0.54 0.00	48.03 0.40 0.00	39.28 0.45 0.00	38.31 0.44 0.00	36.86 0.32 0.00	40.36 0.13 0.00	45.56 0.10 0.00	46.54 0.16 0.00	61.49 0.17 0.00	57.45 0.20 0.00	46.05 0.08 0.00	45.36 0.14 0.00	36.10 0.11 0.00	36.71 0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.97 0.72 0.00	41.20 0.62 0.00	30.95 0.52 0.00	30.39 0.46 0.00	32.80 0.46 0.00	36.69 0.66 0.00	54.66 0.99 0.00	53.85 1.23 0.00	58.29 1.32 0.00	62.46 1.52 0.00	52.47 1.32 0.00	49.07 1.43 0.00	39.93 1.11 0.00	38.87 1.00 0.00	37.74 1.20 0.00	41.84 1.61 0.00	47.36 1.91 0.00	48.17 1.79 0.00	63.99 2.67 0.00	59.74 2.48 0.00	47.98 2.01 0.00	47.01 1.78 0.00	37.45 1.46 0.00	37.94 1.35 0.00
SWANROAD_115KV_TB1 355699	42.74 0.49 0.00	40.99 0.41 0.00	30.46 0.02 0.00	30.01 0.08 0.00	32.37 0.03 0.00	35.92 -0.11 0.00	53.53 -0.15 0.00	51.43 -1.19 0.00	55.78 -1.20 0.00	59.52 -1.42 0.00	50.00 -1.16 0.00	46.69 -0.94 0.00	38.17 -0.65 0.00	37.36 -0.51 0.00	35.79 -0.75 0.00	38.49 -1.74 0.00	42.81 -2.65 0.00	44.03 -2.35 0.00	57.89 -3.43 0.00	54.09 -3.17 0.00	43.18 -2.79 0.00	43.04 -2.19 0.00	34.69 -1.30 0.00	35.95 -0.63 0.00
SYNERGY___BIOGAS 323694	43.97 1.72 0.00	42.11 1.53 0.00	31.34 0.90 0.00	30.86 0.93 0.00	33.32 0.98 0.00	37.11 1.08 0.00	55.60 1.93 0.00	53.91 1.30 0.00	58.91 1.93 0.00	62.59 1.66 0.00	52.30 1.15 0.00	48.80 1.17 0.00	39.36 0.54 0.00	38.33 0.46 0.00	36.71 0.17 0.00	39.72 -0.51 0.00	44.49 -0.96 0.00	46.15 -0.23 0.00	61.27 -0.05 0.00	57.31 0.06 0.00	45.69 -0.28 0.00	45.26 0.03 0.00	36.28 0.29 0.00	37.27 0.69 0.00
SYRACUSE___ENERGY_ST1 323597	42.03 -0.23 0.00	40.29 -0.29 0.00	30.17 -0.26 0.00	29.70 -0.23 0.00	32.09 -0.25 0.00	35.83 -0.21 0.00	53.53 -0.14 0.00	52.44 -0.18 0.00	56.73 -0.25 0.00	60.64 -0.29 0.00	50.90 -0.25 0.00	47.39 -0.24 0.00	38.59 -0.23 0.00	37.70 -0.17 0.00	36.38 -0.16 0.00	40.01 -0.22 0.00	45.13 -0.33 0.00	46.18 -0.20 0.00	61.22 -0.10 0.00	57.15 -0.11 0.00	45.79 -0.18 0.00	45.00 -0.22 0.00	35.81 -0.18 0.00	36.37 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	42.03 -0.23 0.00	40.29 -0.29 0.00	30.17 -0.26 0.00	29.70 -0.23 0.00	32.09 -0.25 0.00	35.83 -0.21 0.00	53.53 -0.14 0.00	52.44 -0.18 0.00	56.73 -0.25 0.00	60.64 -0.29 0.00	50.90 -0.25 0.00	47.39 -0.24 0.00	38.59 -0.23 0.00	37.70 -0.17 0.00	36.38 -0.16 0.00	40.01 -0.22 0.00	45.13 -0.33 0.00	46.18 -0.20 0.00	61.22 -0.10 0.00	57.15 -0.11 0.00	45.79 -0.18 0.00	45.00 -0.22 0.00	35.81 -0.18 0.00	36.37 -0.22 0.00
SYRACUSE___POWER 24017	42.04 -0.21 0.00	40.29 -0.29 0.00	30.17 -0.27 0.00	29.70 -0.23 0.00	32.08 -0.26 0.00	35.81 -0.23 0.00	53.49 -0.19 0.00	52.41 -0.21 0.00	56.72 -0.26 0.00	60.62 -0.31 0.00	50.90 -0.25 0.00	47.41 -0.22 0.00	38.61 -0.22 0.00	37.72 -0.15 0.00	36.40 -0.14 0.00	40.05 -0.18 0.00	45.19 -0.26 0.00	46.25 -0.13 0.00	61.24 -0.08 0.00	57.17 -0.08 0.00	45.81 -0.16 0.00	45.03 -0.20 0.00	35.84 -0.16 0.00	36.39 -0.20 0.00
TALLMAN__138KV_BK151 55660	42.92 0.66 0.00	41.14 0.56 0.00	30.93 0.49 0.00	30.35 0.42 0.00	32.76 0.43 0.00	36.67 0.64 0.00	54.62 0.95 0.00	53.83 1.21 0.00	58.27 1.29 0.00	62.44 1.51 0.00	52.48 1.32 0.00	49.09 1.46 0.00	39.96 1.14 0.00	38.90 1.02 0.00	37.78 1.24 0.00	41.90 1.67 0.00	47.42 1.96 0.00	48.20 1.82 0.00	64.04 2.72 0.00	59.78 2.53 0.00	48.00 2.03 0.00	47.02 1.79 0.00	37.49 1.50 0.00	37.97 1.39 0.00
TEALLAVE_115KV_TB7 355573	41.83 -0.42 0.00	40.09 -0.49 0.00	30.03 -0.40 0.00	29.56 -0.38 0.00	31.93 -0.41 0.00	35.62 -0.41 0.00	53.18 -0.50 0.00	52.10 -0.52 0.00	56.40 -0.58 0.00	60.29 -0.64 0.00	50.64 -0.52 0.00	47.16 -0.47 0.00	38.41 -0.41 0.00	37.51 -0.35 0.00	36.20 -0.34 0.00	39.81 -0.42 0.00	44.91 -0.54 0.00	45.95 -0.43 0.00	60.81 -0.51 0.00	56.77 -0.49 0.00	45.50 -0.47 0.00	44.73 -0.50 0.00	35.63 -0.37 0.00	36.20 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	43.40 1.14 0.00	41.59 1.01 0.00	30.91 0.47 0.00	30.45 0.52 0.00	32.86 0.52 0.00	36.52 0.49 0.00	54.58 0.91 0.00	52.70 0.08 0.00	57.17 0.19 0.00	60.88 -0.06 0.00	51.08 -0.08 0.00	47.69 0.06 0.00	38.84 0.02 0.00	37.94 0.07 0.00	36.35 -0.19 0.00	39.21 -1.02 0.00	43.76 -1.70 0.00	45.18 -1.20 0.00	59.64 -1.68 0.00	55.75 -1.51 0.00	44.47 -1.50 0.00	44.18 -1.04 0.00	35.53 -0.46 0.00	36.63 0.05 0.00
TEMPLE___115KV_TB 2 55572	41.84 -0.41 0.00	40.09 -0.49 0.00	30.03 -0.40 0.00	29.56 -0.37 0.00	31.93 -0.41 0.00	35.62 -0.41 0.00	53.19 -0.49 0.00	52.10 -0.52 0.00	56.40 -0.58 0.00	60.29 -0.64 0.00	50.64 -0.51 0.00	47.18 -0.45 0.00	38.42 -0.40 0.00	37.53 -0.34 0.00	36.21 -0.33 0.00	39.82 -0.41 0.00	44.94 -0.52 0.00	45.97 -0.41 0.00	60.86 -0.46 0.00	56.80 -0.46 0.00	45.51 -0.45 0.00	44.75 -0.48 0.00	35.63 -0.36 0.00	36.21 -0.38 0.00
TIANA____69_KV_BK 1 55817	42.27 0.01 0.00	40.64 0.06 0.00	31.02 0.58 0.00	30.30 0.37 0.00	32.54 0.20 0.00	35.82 -0.22 0.00	53.06 -0.61 0.00	52.36 -0.24 0.01	56.51 -0.29 0.18	61.08 0.15 0.00	51.37 0.21 0.00	47.62 -0.01 0.00	39.23 0.41 0.00	38.38 0.51 0.00	37.47 0.93 0.00	40.96 0.73 0.00	46.64 1.18 0.00	47.09 0.72 0.00	60.69 0.79 1.42	56.08 0.73 1.91	45.37 0.91 1.51	44.47 0.61 1.37	37.15 1.16 0.00	38.12 1.53 0.00

TILDEN___115KV_TB1 80814	42.04 -0.21 0.00	40.29 -0.29 0.00	30.17 -0.27 0.00	29.70 -0.23 0.00	32.08 -0.26 0.00	35.81 -0.23 0.00	53.49 -0.19 0.00	52.41 -0.21 0.00	56.72 -0.26 0.00	60.62 -0.31 0.00	50.90 -0.25 0.00	47.41 -0.22 0.00	38.61 -0.22 0.00	37.72 -0.15 0.00	36.40 -0.14 0.00	40.05 -0.18 0.00	45.19 -0.26 0.00	46.25 -0.13 0.00	61.24 -0.08 0.00	57.17 -0.08 0.00	45.81 -0.16 0.00	45.03 -0.20 0.00	35.84 -0.16 0.00	36.39 -0.20 0.00
TRIGEN___CC 323695	42.77 0.51 0.00	41.08 0.50 0.00	31.10 0.66 0.00	30.43 0.50 0.00	32.78 0.44 0.00	36.52 0.48 0.00	54.21 0.54 0.00	53.68 1.07 0.00	58.19 1.21 0.00	62.42 1.48 0.00	52.47 1.31 0.00	48.84 1.21 0.00	40.05 1.23 0.00	39.04 1.17 0.00	38.01 1.47 0.00	41.84 1.61 0.00	47.51 2.06 0.00	48.02 1.63 0.00	63.52 2.20 0.00	59.38 2.07 -0.06	47.85 1.88 0.00	46.86 1.63 0.00	37.59 1.60 0.00	38.16 1.57 0.00
TRINITY___115KV__4 BK 55933	41.59 -0.66 0.00	39.99 -0.58 0.00	30.12 -0.32 0.00	29.61 -0.32 0.00	31.99 -0.34 0.00	35.63 -0.41 0.00	52.82 -0.85 0.00	51.87 -0.75 0.00	56.37 -0.61 0.00	60.27 -0.66 0.00	50.71 -0.44 0.00	47.32 -0.31 0.00	38.44 -0.38 0.00	37.55 -0.32 0.00	36.38 -0.16 0.00	40.27 0.04 0.00	45.59 0.13 0.00	46.25 -0.13 0.00	61.08 -0.24 0.00	57.01 -0.24 0.00	45.97 0.01 0.00	45.19 -0.04 0.00	35.95 -0.04 0.00	36.56 -0.03 0.00
UNION___PROCESSING_DRP 323587	42.81 0.56 0.00	41.05 0.47 0.00	30.62 0.18 0.00	30.13 0.20 0.00	32.55 0.22 0.00	36.28 0.24 0.00	54.34 0.67 0.00	52.96 0.35 0.00	57.44 0.46 0.00	61.20 0.27 0.00	51.38 0.22 0.00	47.89 0.26 0.00	39.03 0.20 0.00	38.12 0.25 0.00	36.65 0.11 0.00	39.93 -0.30 0.00	44.91 -0.55 0.00	46.21 -0.17 0.00	61.10 -0.23 0.00	57.04 -0.22 0.00	45.55 -0.42 0.00	44.95 -0.28 0.00	35.91 -0.08 0.00	36.68 0.09 0.00
UPPER HUDSON___HYD 24058	42.98 0.72 0.00	41.29 0.71 0.00	31.03 0.59 0.00	30.54 0.60 0.00	33.03 0.69 0.00	36.83 0.80 0.00	54.78 1.11 0.00	53.83 1.22 0.00	58.49 1.51 0.00	62.52 1.59 0.00	52.40 1.25 0.00	48.75 1.11 0.00	39.48 0.66 0.00	38.54 0.67 0.00	37.23 0.69 0.00	41.47 1.24 0.00	47.07 1.62 0.00	48.01 1.63 0.00	63.37 2.05 0.00	59.11 1.85 0.00	47.60 1.63 0.00	46.71 1.49 0.00	36.99 1.00 0.00	37.51 0.92 0.00
UPPER RAQUET___HYD 24056	44.15 1.90 0.00	42.55 1.97 0.00	31.80 1.36 0.00	31.29 1.35 0.00	33.86 1.53 0.00	37.81 1.77 0.00	56.44 2.76 0.00	55.39 2.77 0.00	59.85 2.87 0.00	63.85 2.91 0.00	53.29 2.14 0.00	49.43 1.80 0.00	40.37 1.54 0.00	39.32 1.45 0.00	37.77 1.23 0.00	41.31 1.09 0.00	46.08 0.62 0.00	46.80 0.42 0.00	62.36 1.04 0.00	58.35 1.10 0.00	46.87 0.90 0.00	46.35 1.12 0.00	36.92 0.93 0.00	37.51 0.92 0.00
VALLEY44_115KV_TB2 355964	43.56 1.31 0.00	41.75 1.17 0.00	30.91 0.48 0.00	30.49 0.56 0.00	32.86 0.52 0.00	36.51 0.48 0.00	54.56 0.89 0.00	54.70 2.09 0.00	61.26 4.29 0.00	64.72 3.78 0.00	51.35 0.19 0.00	47.97 0.34 0.00	38.95 0.13 0.00	38.41 0.54 0.00	36.83 0.28 0.00	39.81 -0.42 0.00	44.65 -0.80 0.00	46.06 -0.32 0.00	61.05 -0.27 0.00	57.02 -0.24 0.00	45.39 -0.58 0.00	44.75 -0.48 0.00	35.86 -0.13 0.00	36.75 0.16 0.00
VALLEY___115KV_TB 1-4 80826	43.33 1.08 0.00	41.66 1.09 0.00	31.23 0.79 0.00	30.73 0.80 0.00	33.26 0.93 0.00	37.12 1.08 0.00	55.39 1.72 0.00	54.49 1.87 0.00	58.77 1.79 0.00	62.61 1.68 0.00	52.50 1.35 0.00	48.86 1.23 0.00	39.63 0.80 0.00	38.68 0.81 0.00	37.43 0.89 0.00	41.58 1.36 0.00	47.12 1.67 0.00	48.13 1.75 0.00	63.79 2.47 0.00	59.43 2.18 0.00	47.85 1.89 0.00	46.99 1.77 0.00	37.26 1.27 0.00	37.81 1.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.53 1.27 0.00	41.68 1.10 0.00	31.26 0.83 0.00	30.73 0.80 0.00	33.20 0.86 0.00	37.05 1.02 0.00	55.31 1.64 0.00	54.21 1.60 0.00	58.63 1.65 0.00	62.81 1.88 0.00	52.71 1.56 0.00	49.19 1.56 0.00	40.02 1.20 0.00	39.03 1.16 0.00	37.78 1.24 0.00	41.69 1.47 0.00	47.11 1.65 0.00	48.12 1.74 0.00	63.71 2.39 0.00	59.45 2.20 0.00	47.75 1.78 0.00	46.89 1.67 0.00	37.27 1.28 0.00	37.82 1.23 0.00
VISCHER___FERRY HYD 24020	42.42 0.16 0.00	40.77 0.19 0.00	30.67 0.23 0.00	30.16 0.22 0.00	32.58 0.24 0.00	36.30 0.26 0.00	53.91 0.23 0.00	52.96 0.35 0.00	57.58 0.60 0.00	61.54 0.60 0.00	51.75 0.59 0.00	48.26 0.62 0.00	39.16 0.33 0.00	38.18 0.31 0.00	36.93 0.39 0.00	40.97 0.74 0.00	46.41 0.96 0.00	47.13 0.75 0.00	62.21 0.89 0.00	58.08 0.83 0.00	46.85 0.89 0.00	46.05 0.82 0.00	36.59 0.60 0.00	37.18 0.59 0.00
V_A_10_SYNC_DSASP 323832	42.94 0.69 0.00	41.20 0.62 0.00	30.63 0.19 0.00	30.18 0.24 0.00	32.55 0.22 0.00	36.15 0.12 0.00	54.03 0.36 0.00	52.22 -0.40 0.00	56.61 -0.37 0.00	60.38 -0.55 0.00	50.70 -0.46 0.00	47.36 -0.28 0.00	38.72 -0.11 0.00	37.93 0.06 0.00	36.37 -0.17 0.00	39.28 -0.95 0.00	43.87 -1.58 0.00	45.07 -1.31 0.00	59.33 -1.99 0.00	55.40 -1.86 0.00	44.20 -1.77 0.00	43.89 -1.34 0.00	35.32 -0.67 0.00	36.35 -0.23 0.00
V_CMM_10_SYNC_DSASP 323787	43.21 0.96 0.00	41.62 1.04 0.00	31.16 0.72 0.00	30.62 0.69 0.00	33.11 0.77 0.00	36.91 0.87 0.00	55.00 1.32 0.00	53.87 1.26 0.00	58.25 1.28 0.00	62.25 1.32 0.00	52.11 0.95 0.00	48.41 0.78 0.00	39.59 0.77 0.00	38.61 0.74 0.00	37.14 0.60 0.00	40.55 0.32 0.00	45.81 0.36 0.00	46.84 0.45 0.00	61.90 0.58 0.00	57.81 0.56 0.00	46.34 0.37 0.00	45.65 0.42 0.00	36.34 0.34 0.00	36.96 0.38 0.00
V_CMP_10_SYNC_DSASP 323788	43.86 1.61 0.00	42.26 1.68 0.00	31.54 1.10 0.00	31.11 1.18 0.00	33.67 1.33 0.00	37.27 1.24 0.00	54.88 1.20 0.00	53.33 0.71 0.00	57.64 0.67 0.00	61.49 0.55 0.00	51.36 0.20 0.00	47.33 -0.30 0.00	39.13 0.30 0.00	38.34 0.47 0.00	36.96 0.42 0.00	40.83 0.60 0.00	45.27 -0.19 0.00	45.92 -0.46 0.00	60.47 -0.85 0.00	56.65 -0.60 0.00	45.58 -0.39 0.00	45.10 -0.12 0.00	35.92 -0.07 0.00	36.39 -0.19 0.00
V_D_10_SYNC_DSASP 323841	43.51 1.26 0.00	41.91 1.33 0.00	31.36 0.92 0.00	30.81 0.88 0.00	33.34 1.00 0.00	37.17 1.14 0.00	55.41 1.73 0.00	54.28 1.66 0.00	58.69 1.71 0.00	62.71 1.78 0.00	52.46 1.30 0.00	48.72 1.09 0.00	39.83 1.01 0.00	38.84 0.97 0.00	37.35 0.81 0.00	40.71 0.48 0.00	45.90 0.44 0.00	46.90 0.52 0.00	62.06 0.73 0.00	57.97 0.72 0.00	46.46 0.49 0.00	45.79 0.56 0.00	36.45 0.46 0.00	37.09 0.50 0.00
V_E_10_SYNC_DSASP 323830	45.06 2.80 0.00	43.10 2.52 0.00	32.25 1.81 0.00	31.75 1.82 0.00	34.34 2.00 0.00	38.48 2.45 0.00	57.95 4.27 0.00	56.67 4.05 0.00	61.09 4.11 0.00	65.16 4.23 0.00	54.47 3.31 0.00	50.67 3.04 0.00	41.13 2.30 0.00	40.15 2.28 0.00	38.83 2.29 0.00	42.76 2.53 0.00	48.26 2.81 0.00	49.84 3.46 0.00	66.33 5.01 0.00	61.93 4.67 0.00	49.43 3.46 0.00	48.34 3.11 0.00	38.30 2.31 0.00	38.80 2.21 0.00

V_F_30_NSYNC___DSASP 323816	43.15 0.89 0.00	41.46 0.88 0.00	31.15 0.71 0.00	30.64 0.72 0.00	33.12 0.78 0.00	36.92 0.89 0.00	54.93 1.26 0.00	53.95 1.33 0.00	58.56 1.58 0.00	62.57 1.64 0.00	52.54 1.38 0.00	48.92 1.29 0.00	39.72 0.90 0.00	38.73 0.86 0.00	37.42 0.88 0.00	41.57 1.35 0.00	47.13 1.68 0.00	48.01 1.63 0.00	63.41 2.09 0.00	59.16 1.91 0.00	47.63 1.66 0.00	46.77 1.54 0.00	37.11 1.12 0.00	37.68 1.09 0.00
V_F_30_SYNC_DSASP 323786	41.79 -0.47 0.00	40.17 -0.41 0.00	30.26 -0.18 0.00	29.76 -0.18 0.00	32.14 -0.19 0.00	35.80 -0.23 0.00	53.11 -0.57 0.00	52.18 -0.44 0.00	56.67 -0.31 0.00	60.62 -0.31 0.00	51.01 -0.15 0.00	47.59 -0.04 0.00	38.67 -0.15 0.00	37.74 -0.13 0.00	36.55 0.01 0.00	40.45 0.23 0.00	45.80 0.34 0.00	46.46 0.08 0.00	61.37 0.05 0.00	57.28 0.02 0.00	46.16 0.19 0.00	45.35 0.12 0.00	36.06 0.07 0.00	36.66 0.08 0.00
V_XM_10_SYNC_DSASP 323789	43.86 1.61 0.00	42.26 1.68 0.00	31.54 1.10 0.00	31.11 1.18 0.00	33.67 1.33 0.00	37.27 1.24 0.00	54.88 1.20 0.00	53.33 0.71 0.00	57.64 0.67 0.00	61.49 0.55 0.00	51.36 0.20 0.00	47.33 -0.30 0.00	39.13 0.30 0.00	38.34 0.47 0.00	36.96 0.42 0.00	40.83 0.60 0.00	45.27 -0.19 0.00	45.92 -0.46 0.00	60.47 -0.85 0.00	56.65 -0.60 0.00	45.58 -0.39 0.00	45.10 -0.12 0.00	35.92 -0.07 0.00	36.39 -0.19 0.00
W.BABYLN_69_KV_BK1 56697	43.03 0.78 0.00	41.36 0.78 0.00	31.38 0.95 0.00	30.66 0.73 0.00	32.91 0.57 0.00	36.51 0.47 0.00	54.12 0.45 0.00	53.45 0.84 0.00	57.92 0.96 0.02	62.24 1.31 0.00	52.38 1.22 0.00	48.61 0.98 0.00	39.98 1.16 0.00	39.00 1.14 0.00	38.07 1.53 0.00	41.74 1.52 0.00	47.52 2.07 0.00	48.04 1.66 0.00	62.56 2.09 0.85	58.16 2.03 1.13	46.98 1.92 0.91	46.09 1.69 0.82	37.77 1.78 0.00	38.44 1.85 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.12 0.86 0.00	41.33 0.75 0.00	31.08 0.64 0.00	30.50 0.56 0.00	32.93 0.59 0.00	36.99 0.96 0.00	55.14 1.47 0.00	54.32 1.70 0.00	58.58 1.60 0.00	62.80 1.86 0.00	52.78 1.62 0.00	49.37 1.74 0.00	40.19 1.37 0.00	39.13 1.26 0.00	37.99 1.46 0.00	42.14 1.91 0.00	47.69 2.23 0.00	48.48 2.10 0.00	64.37 3.05 0.00	60.07 2.82 0.00	48.24 2.27 0.00	47.25 2.02 0.00	37.67 1.68 0.00	38.16 1.57 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.10 0.84 0.00	41.29 0.72 0.00	31.17 0.73 0.00	30.59 0.65 0.00	33.00 0.66 0.00	36.93 0.89 0.00	54.83 1.16 0.00	53.98 1.36 0.00	58.55 1.57 0.00	62.86 1.92 0.00	52.91 1.75 0.00	49.53 1.89 0.00	40.39 1.57 0.00	39.32 1.45 0.00	38.19 1.66 0.00	42.29 2.06 0.00	47.82 2.36 0.00	48.54 2.15 0.00	64.25 2.93 0.00	59.90 2.65 0.00	48.12 2.15 0.00	47.18 1.95 0.00	37.73 1.74 0.00	38.24 1.65 0.00
W50THST__13_KV_LOAD 356117	43.30 1.04 0.00	41.48 0.90 0.00	31.30 0.86 0.00	30.71 0.78 0.00	33.11 0.78 0.00	37.06 1.03 0.00	55.05 1.38 0.00	54.20 1.58 0.00	58.82 1.84 0.00	63.17 2.23 0.00	53.19 2.03 0.00	49.78 2.14 0.00	40.59 1.77 0.00	39.53 1.66 0.00	38.40 1.86 0.00	42.50 2.27 0.00	48.06 2.60 0.00	48.77 2.39 0.00	64.55 3.23 0.00	60.16 2.91 0.00	48.31 2.34 0.00	47.36 2.13 0.00	37.87 1.88 0.00	38.38 1.80 0.00
WADING RIVER_IC_1 23522	42.10 -0.15 0.00	40.49 -0.09 0.00	30.94 0.50 0.00	30.22 0.28 0.00	32.45 0.11 0.00	35.67 -0.36 0.00	52.80 -0.87 0.00	52.08 -0.52 0.01	56.19 -0.61 0.18	60.68 -0.25 0.00	51.07 -0.08 0.00	47.34 -0.29 0.00	39.02 0.19 0.00	38.17 0.30 0.00	37.25 0.70 0.00	40.75 0.53 0.00	46.37 0.91 0.00	46.78 0.40 0.00	60.24 0.32 1.40	55.68 0.31 1.88	45.09 0.62 1.50	44.22 0.35 1.36	36.96 0.97 0.00	37.89 1.31 0.00
WADING RIVER_IC_2 23547	42.10 -0.15 0.00	40.49 -0.09 0.00	30.94 0.50 0.00	30.22 0.28 0.00	32.45 0.11 0.00	35.67 -0.36 0.00	52.80 -0.87 0.00	52.08 -0.52 0.01	56.19 -0.61 0.18	60.68 -0.25 0.00	51.07 -0.08 0.00	47.34 -0.29 0.00	39.02 0.19 0.00	38.17 0.30 0.00	37.25 0.70 0.00	40.75 0.53 0.00	46.37 0.91 0.00	46.78 0.40 0.00	60.24 0.32 1.40	55.68 0.31 1.88	45.09 0.62 1.50	44.22 0.35 1.36	36.96 0.97 0.00	37.89 1.31 0.00
WADING RIVER_IC_3 23601	42.10 -0.15 0.00	40.49 -0.09 0.00	30.94 0.50 0.00	30.22 0.28 0.00	32.45 0.11 0.00	35.67 -0.36 0.00	52.80 -0.87 0.00	52.08 -0.52 0.01	56.19 -0.61 0.18	60.68 -0.25 0.00	51.07 -0.08 0.00	47.34 -0.29 0.00	39.02 0.19 0.00	38.17 0.30 0.00	37.25 0.70 0.00	40.75 0.53 0.00	46.37 0.91 0.00	46.78 0.40 0.00	60.24 0.32 1.40	55.68 0.31 1.88	45.09 0.62 1.50	44.22 0.35 1.36	36.96 0.97 0.00	37.89 1.31 0.00
WALDENNY_12_KV_BK2 80841	43.46 1.21 0.00	41.65 1.07 0.00	30.91 0.48 0.00	30.48 0.55 0.00	32.86 0.52 0.00	36.54 0.50 0.00	54.68 1.00 0.00	52.85 0.23 0.00	57.25 0.27 0.00	61.20 0.27 0.00	51.28 0.13 0.00	47.92 0.29 0.00	39.12 0.29 0.00	38.33 0.46 0.00	36.71 0.17 0.00	39.60 -0.63 0.00	44.16 -1.29 0.00	45.50 -0.88 0.00	59.95 -1.37 0.00	55.98 -1.28 0.00	44.59 -1.37 0.00	44.28 -0.95 0.00	35.56 -0.43 0.00	36.58 -0.01 0.00
WALDEN__HYDRO 24148	43.16 0.91 0.00	41.36 0.78 0.00	31.08 0.64 0.00	30.51 0.57 0.00	32.93 0.59 0.00	36.85 0.82 0.00	54.89 1.22 0.00	54.09 1.47 0.00	57.34 1.58 1.22	62.58 1.82 0.18	52.71 1.56 0.00	49.27 1.64 0.00	40.10 1.28 0.00	39.01 1.14 0.00	37.89 1.35 0.00	42.01 1.78 0.00	47.56 2.11 0.00	48.38 2.00 0.00	64.26 2.94 0.00	60.01 2.76 0.00	48.20 2.23 0.00	47.22 2.00 0.00	37.62 1.63 0.00	38.09 1.51 0.00
WARRENSBURG____ 23737	42.98 0.73 0.00	41.29 0.71 0.00	31.03 0.59 0.00	30.54 0.60 0.00	33.03 0.69 0.00	36.83 0.80 0.00	54.78 1.11 0.00	53.83 1.22 0.00	58.49 1.51 0.00	62.52 1.59 0.00	52.40 1.24 0.00	48.75 1.12 0.00	39.48 0.66 0.00	38.54 0.67 0.00	37.23 0.69 0.00	41.47 1.24 0.00	47.07 1.62 0.00	48.01 1.63 0.00	63.37 2.05 0.00	59.11 1.86 0.00	47.61 1.64 0.00	46.71 1.48 0.00	36.99 1.00 0.00	37.51 0.92 0.00
WATERSIDE____6 8 9 23538	43.12 0.87 0.00	41.35 0.77 0.00	31.25 0.82 0.00	30.63 0.70 0.00	33.02 0.68 0.00	36.93 0.89 0.00	54.72 1.04 0.00	53.78 1.17 0.00	58.31 1.33 0.00	62.62 1.68 0.00	52.73 1.57 0.00	49.45 1.82 0.00	40.33 1.51 0.00	39.27 1.40 0.00	38.17 1.63 0.00	42.22 1.99 0.00	47.74 2.29 0.00	48.47 2.08 0.00	64.07 2.75 0.00	59.72 2.47 0.00	47.98 2.01 0.00	47.07 1.85 0.00	37.73 1.73 0.00	38.25 1.67 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.93 0.68 0.00	41.26 0.68 0.00	30.94 0.51 0.00	30.44 0.51 0.00	32.93 0.59 0.00	36.73 0.69 0.00	54.78 1.10 0.00	53.83 1.22 0.00	58.15 1.17 0.00	62.01 1.08 0.00	52.03 0.88 0.00	48.43 0.80 0.00	39.33 0.51 0.00	38.38 0.51 0.00	37.12 0.58 0.00	41.16 0.93 0.00	46.62 1.16 0.00	47.60 1.22 0.00	63.05 1.73 0.00	58.79 1.53 0.00	47.29 1.32 0.00	46.47 1.24 0.00	36.87 0.88 0.00	37.43 0.84 0.00

WDELAWARE___HYD 323627	42.70 0.44 0.00	40.89 0.31 0.00	30.72 0.28 0.00	30.17 0.23 0.00	32.57 0.24 0.00	36.42 0.38 0.00	54.35 0.68 0.00	53.61 0.99 0.00	54.80 0.99 3.17	61.58 1.11 0.47	52.08 0.92 0.00	48.54 0.91 0.00	39.34 0.52 0.00	37.30 -0.57 0.00	36.24 -0.30 0.00	40.21 -0.02 0.00	45.60 0.15 0.00	46.51 0.13 0.00	62.01 0.68 0.00	59.31 2.05 0.00	47.63 1.67 0.00	46.68 1.46 0.00	37.12 1.13 0.00	37.55 0.96 0.00
WEST BABYLON___IC 23714	43.03 0.78 0.00	41.36 0.78 0.00	31.38 0.95 0.00	30.66 0.73 0.00	32.91 0.57 0.00	36.51 0.47 0.00	54.12 0.45 0.00	53.45 0.84 0.00	57.92 0.96 0.02	62.24 1.31 0.00	52.38 1.22 0.00	48.61 0.98 0.00	39.98 1.16 0.00	39.00 1.14 0.00	38.07 1.53 0.00	41.74 1.52 0.00	47.52 2.07 0.00	48.04 1.66 0.00	62.56 2.09 0.85	58.16 2.03 1.13	46.98 1.92 0.91	46.09 1.69 0.82	37.77 1.78 0.00	38.44 1.85 0.00
WEST CANADA___HYD 24049	42.19 -0.06 0.00	40.50 -0.08 0.00	30.41 -0.03 0.00	29.91 -0.03 0.00	32.30 -0.03 0.00	36.00 -0.04 0.00	53.62 -0.05 0.00	52.60 -0.02 0.00	56.98 0.00 0.00	60.93 0.00 0.00	51.16 0.00 0.00	47.67 0.05 0.00	38.82 0.00 0.00	37.87 0.00 0.00	36.58 0.04 0.00	40.35 0.12 0.00	45.63 0.17 0.00	46.52 0.14 0.00	61.51 0.19 0.00	57.43 0.17 0.00	46.12 0.16 0.00	45.35 0.12 0.00	36.06 0.07 0.00	36.66 0.07 0.00
WESTERN_NY_WIND 24143	43.94 1.68 0.00	42.10 1.52 0.00	31.31 0.87 0.00	30.83 0.90 0.00	33.29 0.96 0.00	37.08 1.05 0.00	55.53 1.86 0.00	53.84 1.22 0.00	58.86 1.88 0.00	62.54 1.61 0.00	52.28 1.12 0.00	48.76 1.13 0.00	39.31 0.49 0.00	38.29 0.42 0.00	36.67 0.13 0.00	39.67 -0.56 0.00	44.43 -1.02 0.00	46.06 -0.32 0.00	61.15 -0.17 0.00	57.20 -0.06 0.00	45.59 -0.38 0.00	45.18 -0.04 0.00	36.23 0.23 0.00	37.23 0.64 0.00
WESTOVER___LESR 323668	42.79 0.54 0.00	40.99 0.41 0.00	30.60 0.16 0.00	30.15 0.21 0.00	32.52 0.18 0.00	36.28 0.25 0.00	54.22 0.55 0.00	53.02 0.41 0.00	57.16 0.18 0.00	61.18 0.25 0.00	51.32 0.16 0.00	47.94 0.30 0.00	38.97 0.15 0.00	38.17 0.30 0.00	36.82 0.28 0.00	40.48 0.25 0.00	45.66 0.21 0.00	46.80 0.42 0.00	61.98 0.66 0.00	57.88 0.62 0.00	46.33 0.37 0.00	45.50 0.27 0.00	36.20 0.21 0.00	36.77 0.18 0.00
WETHRSFD_WT_PWR 323626	43.21 0.96 0.00	41.44 0.86 0.00	30.78 0.34 0.00	30.34 0.41 0.00	32.73 0.39 0.00	36.39 0.36 0.00	54.44 0.77 0.00	52.70 0.08 0.00	56.86 -0.12 0.00	60.64 -0.29 0.00	50.57 -0.58 0.00	47.27 -0.36 0.00	38.50 -0.32 0.00	37.65 -0.22 0.00	36.00 -0.54 0.00	38.83 -1.40 0.00	43.43 -2.03 0.00	45.06 -1.32 0.00	59.75 -1.57 0.00	55.76 -1.49 0.00	44.45 -1.52 0.00	43.98 -1.25 0.00	35.20 -0.79 0.00	36.01 -0.57 0.00
WHAVSTOR_138KV_BK127 55557	42.87 0.61 0.00	41.09 0.51 0.00	30.90 0.47 0.00	30.34 0.41 0.00	32.73 0.40 0.00	36.61 0.58 0.00	54.51 0.84 0.00	53.70 1.08 0.00	58.17 1.20 0.00	62.35 1.42 0.00	52.41 1.26 0.00	49.02 1.39 0.00	39.93 1.10 0.00	38.85 0.99 0.00	37.73 1.19 0.00	41.84 1.61 0.00	47.35 1.89 0.00	48.12 1.74 0.00	63.89 2.57 0.00	59.62 2.37 0.00	47.90 1.93 0.00	46.93 1.70 0.00	37.43 1.44 0.00	37.93 1.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.87 0.61 0.00	41.09 0.51 0.00	30.90 0.47 0.00	30.34 0.41 0.00	32.73 0.40 0.00	36.61 0.58 0.00	54.51 0.84 0.00	53.70 1.08 0.00	58.17 1.20 0.00	62.35 1.42 0.00	52.41 1.26 0.00	49.02 1.39 0.00	39.93 1.10 0.00	38.85 0.99 0.00	37.73 1.19 0.00	41.84 1.61 0.00	47.35 1.89 0.00	48.12 1.74 0.00	63.89 2.57 0.00	59.62 2.37 0.00	47.90 1.93 0.00	46.93 1.70 0.00	37.43 1.44 0.00	37.93 1.34 0.00
WHITEHAL_115KV_TB1 80871	44.07 1.82 0.00	42.44 1.86 0.00	31.89 1.46 0.00	31.46 1.53 0.00	34.05 1.71 0.00	38.01 1.97 0.00	56.14 2.47 0.00	55.14 2.53 0.00	60.52 3.55 0.00	64.78 3.85 0.00	54.11 2.96 0.00	50.16 2.52 0.00	40.15 1.32 0.00	39.51 1.64 0.00	38.12 1.58 0.00	42.81 2.58 0.00	48.66 3.21 0.00	49.70 3.32 0.00	65.10 3.78 0.00	60.73 3.48 0.00	49.16 3.20 0.00	48.31 3.09 0.00	38.07 2.08 0.00	38.58 1.99 0.00
WHITEPLN_13_KV_LOAD 356215	43.30 1.05 0.00	41.48 0.90 0.00	31.25 0.81 0.00	30.66 0.73 0.00	33.08 0.74 0.00	37.00 0.97 0.00	55.07 1.39 0.00	54.28 1.66 0.00	58.87 1.89 0.00	63.15 2.22 0.00	53.12 1.96 0.00	49.70 2.06 0.00	40.50 1.68 0.00	39.43 1.56 0.00	38.28 1.74 0.00	42.41 2.18 0.00	47.99 2.53 0.00	48.75 2.37 0.00	64.59 3.27 0.00	60.25 3.00 0.00	48.40 2.44 0.00	47.46 2.23 0.00	37.86 1.87 0.00	38.35 1.76 0.00
WM_FLOYD_69_KV_BK2 356380	42.53 0.28 0.00	40.89 0.31 0.00	31.18 0.74 0.00	30.45 0.51 0.00	32.70 0.37 0.00	36.01 -0.03 0.00	53.30 -0.37 0.00	52.59 -0.02 0.01	56.74 -0.06 0.18	61.27 0.34 0.00	51.55 0.40 0.00	47.77 0.13 0.00	39.39 0.57 0.00	38.53 0.66 0.00	37.60 1.06 0.00	41.14 0.91 0.00	46.83 1.37 0.00	47.24 0.86 0.00	60.75 0.93 1.50	56.10 0.88 2.03	45.44 1.08 1.61	44.56 0.79 1.46	37.28 1.29 0.00	38.19 1.60 0.00
WOODARD___115KV_TB2 355635	41.76 -0.49 0.00	40.02 -0.56 0.00	29.99 -0.45 0.00	29.52 -0.42 0.00	31.88 -0.45 0.00	35.57 -0.46 0.00	53.11 -0.57 0.00	52.01 -0.60 0.00	56.34 -0.64 0.00	60.22 -0.72 0.00	50.56 -0.60 0.00	47.08 -0.54 0.00	38.35 -0.47 0.00	37.46 -0.41 0.00	36.14 -0.40 0.00	39.74 -0.49 0.00	44.84 -0.61 0.00	45.87 -0.52 0.00	60.74 -0.58 0.00	56.69 -0.57 0.00	45.44 -0.53 0.00	44.68 -0.55 0.00	35.57 -0.42 0.00	36.13 -0.45 0.00
WOODMERE_69_KV_BK1 55827	43.17 0.92 0.00	41.45 0.87 0.00	31.37 0.94 0.00	30.70 0.77 0.00	33.06 0.72 0.00	36.85 0.82 0.00	54.62 0.95 0.00	54.25 1.64 0.00	58.80 1.82 0.00	63.04 2.11 0.00	52.98 1.83 0.00	49.33 1.70 0.00	40.46 1.64 0.00	39.44 1.57 0.00	38.38 1.84 0.00	42.24 2.01 0.00	47.99 2.53 0.00	48.44 2.05 0.00	64.11 2.79 0.00	59.93 2.62 -0.06	48.39 2.43 0.00	47.37 2.14 0.00	37.98 1.99 0.00	38.54 1.96 0.00
YORK___WARBASSE 23770	43.13 0.88 0.00	41.33 0.76 0.00	31.26 0.83 0.00	30.57 0.64 0.00	32.92 0.58 0.00	36.82 0.78 0.00	54.54 0.87 0.00	53.65 1.04 0.00	58.21 1.23 0.00	62.53 1.60 0.00	52.59 1.43 0.00	49.35 1.72 0.00	40.18 1.36 0.00	39.13 1.26 0.00	38.04 1.50 0.00	42.08 1.85 0.00	47.61 2.16 0.00	48.34 1.96 0.00	64.03 2.71 0.00	59.76 2.50 0.00	48.00 2.03 0.00	47.06 1.83 0.00	37.71 1.72 0.00	38.22 1.64 0.00