

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/19/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	37.07	35.03	34.33	34.21	34.91	40.52	53.27	60.79	57.17	47.80	49.05	49.21	47.33	49.52	51.77	57.37	64.29	79.10	71.54	66.01	61.60	57.15	53.41	48.53
24138	2.03	1.82	1.66	1.63	1.76	2.07	2.97	4.35	3.13	2.96	2.82	2.65	2.64	2.71	2.65	2.94	3.92	4.83	4.43	3.86	3.71	2.77	2.54	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	37.00	34.99	34.36	34.24	34.92	40.59	53.33	61.30	57.39	47.71	48.87	49.07	47.20	49.38	51.73	57.48	64.36	79.03	71.61	66.01	61.71	57.43	53.41	48.39
24260	1.96	1.79	1.70	1.66	1.76	2.15	3.02	4.85	3.35	2.87	2.64	2.51	2.50	2.57	2.60	3.05	3.98	4.75	4.50	3.85	3.82	3.05	2.54	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.00	34.99	34.36	34.24	34.92	40.59	53.33	61.30	57.39	47.71	48.87	49.07	47.20	49.38	51.73	57.48	64.36	79.03	71.61	66.01	61.71	57.43	53.41	48.39
24261	1.96	1.79	1.70	1.66	1.76	2.15	3.02	4.85	3.35	2.87	2.64	2.51	2.50	2.57	2.60	3.05	3.98	4.75	4.50	3.85	3.82	3.05	2.54	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.62	34.63	34.07	34.01	34.68	40.17	52.62	59.94	56.47	46.32	47.94	48.00	46.08	48.35	50.99	57.10	63.75	78.21	70.80	65.58	61.08	57.37	53.25	48.58
24011	1.58	1.43	1.40	1.43	1.53	1.73	2.31	3.50	2.43	1.48	1.71	1.44	1.39	1.54	1.87	2.67	3.38	3.94	3.69	3.42	3.18	2.99	2.39	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.65	34.66	34.10	34.05	34.72	40.21	52.97	59.94	56.58	46.41	48.03	48.09	46.12	48.45	51.04	57.16	63.87	78.58	70.93	65.82	61.25	57.43	53.31	48.67
23798	1.61	1.46	1.44	1.47	1.56	1.77	2.66	3.50	2.54	1.57	1.80	1.53	1.43	1.64	1.91	2.72	3.50	4.31	3.82	3.67	3.36	3.04	2.44	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.62	34.63	34.07	34.01	34.68	40.17	52.62	59.94	56.47	46.32	47.94	48.00												

ALBANY___2 23572	35.36 0.32 0.00	33.50 0.30 0.00	32.96 0.29 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.86 0.42 0.00	50.86 0.55 0.00	57.74 1.30 0.00	54.58 0.54 0.00	45.11 0.27 0.00	46.65 0.42 0.00	46.84 0.28 0.00	45.01 0.31 0.00	47.14 0.33 0.00	49.52 0.39 0.00	55.09 0.65 0.00	61.46 1.09 0.00	75.39 1.11 0.00	68.18 1.07 0.00	63.15 0.99 0.00	58.88 0.98 0.00	55.03 0.65 0.00	51.32 0.46 0.00	46.72 0.28 0.00
ALBANY___3 23573	35.36 0.32 0.00	33.50 0.30 0.00	32.96 0.29 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.86 0.42 0.00	50.86 0.55 0.00	57.74 1.30 0.00	54.58 0.54 0.00	45.11 0.27 0.00	46.65 0.42 0.00	46.84 0.28 0.00	45.01 0.31 0.00	47.14 0.33 0.00	49.52 0.39 0.00	55.09 0.65 0.00	61.46 1.09 0.00	75.39 1.11 0.00	68.18 1.07 0.00	63.15 0.99 0.00	58.88 0.98 0.00	55.03 0.65 0.00	51.32 0.46 0.00	46.72 0.28 0.00
ALBANY___4 23574	35.36 0.32 0.00	33.50 0.30 0.00	32.96 0.29 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.86 0.42 0.00	50.86 0.55 0.00	57.74 1.30 0.00	54.58 0.54 0.00	45.11 0.27 0.00	46.65 0.42 0.00	46.84 0.28 0.00	45.01 0.31 0.00	47.14 0.33 0.00	49.52 0.39 0.00	55.09 0.65 0.00	61.46 1.09 0.00	75.39 1.11 0.00	68.18 1.07 0.00	63.15 0.99 0.00	58.88 0.98 0.00	55.03 0.65 0.00	51.32 0.46 0.00	46.72 0.28 0.00
ALBANY___LFGE 323615	35.70 0.66 0.00	33.80 0.60 0.00	33.28 0.62 0.00	33.20 0.62 0.00	33.76 0.60 0.00	39.21 0.77 0.00	51.47 1.16 0.00	58.13 1.69 0.00	55.12 1.08 0.00	45.60 0.76 0.00	47.16 0.92 0.00	47.35 0.79 0.00	45.50 0.81 0.00	47.65 0.84 0.00	50.01 0.89 0.00	55.58 1.14 0.00	62.06 1.69 0.00	76.21 1.93 0.00	68.85 1.74 0.00	63.84 1.68 0.00	59.51 1.62 0.00	55.47 1.09 0.00	51.78 0.92 0.00	47.18 0.74 0.00
ALCOA_PA_115KV_PL-6C 55860	35.50 0.46 0.00	33.60 0.40 0.00	33.02 0.36 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.79 0.35 0.00	50.66 0.35 0.00	56.22 -0.23 0.00	54.52 0.49 0.00	45.33 0.49 0.00	46.79 0.55 0.00	47.21 0.65 0.00	45.32 0.63 0.00	47.51 0.70 0.00	50.01 0.88 0.00	54.98 0.54 0.00	60.43 0.06 0.00	74.43 0.15 0.00	67.18 0.07 0.00	62.41 0.25 0.00	58.07 0.17 0.00	55.03 0.65 0.00	51.88 1.02 0.00	47.37 0.93 0.00
ALCOA_RYNLDS___DRP 24188	35.50 0.46 0.00	33.60 0.40 0.00	33.02 0.36 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.79 0.35 0.00	50.66 0.35 0.00	56.22 -0.23 0.00	54.52 0.49 0.00	45.33 0.49 0.00	46.79 0.55 0.00	47.21 0.65 0.00	45.32 0.63 0.00	47.51 0.70 0.00	50.01 0.88 0.00	54.98 0.54 0.00	60.43 0.06 0.00	74.43 0.15 0.00	67.18 0.07 0.00	62.41 0.25 0.00	58.07 0.17 0.00	55.03 0.65 0.00	51.88 1.02 0.00	47.37 0.93 0.00
ALCOA___DSASP 323711	35.49 0.45 0.00	33.60 0.40 0.00	33.02 0.36 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.86 0.42 0.00	50.66 0.35 0.00	56.39 -0.06 0.00	54.69 0.65 0.00	45.33 0.49 0.00	46.79 0.56 0.00	47.21 0.65 0.00	45.32 0.63 0.00	47.51 0.70 0.00	50.01 0.89 0.00	55.25 0.82 0.00	60.43 0.06 0.00	74.43 0.15 0.00	67.18 0.07 0.00	62.41 0.25 0.00	58.07 0.17 0.00	55.25 0.87 0.00	51.88 1.02 0.00	47.37 0.93 0.00
ALLEGHENY___COGEN 23514	35.64 0.60 0.00	33.90 0.70 0.00	33.32 0.65 0.00	33.36 0.78 0.00	33.99 0.83 0.00	39.29 0.84 0.00	51.41 1.11 0.00	57.63 1.19 0.00	55.55 1.51 0.00	46.05 1.21 0.00	47.16 0.92 0.00	47.76 1.21 0.00	45.63 0.94 0.00	47.98 1.17 0.00	50.50 1.37 0.00	54.38 -0.05 0.00	61.46 1.09 0.00	76.88 2.60 0.00	69.06 1.95 0.00	63.59 1.43 0.00	59.05 1.16 0.00	54.44 0.05 0.00	52.03 1.17 0.00	47.88 1.44 0.00
ALTAMONT_115KV_TB 2 55880	35.74 0.70 0.00	33.86 0.66 0.00	33.35 0.69 0.00	33.26 0.68 0.00	33.82 0.66 0.00	39.25 0.81 0.00	51.41 1.11 0.00	58.25 1.81 0.00	55.12 1.08 0.00	45.60 0.76 0.00	47.11 0.88 0.00	47.30 0.74 0.00	45.45 0.76 0.00	47.61 0.80 0.00	49.96 0.84 0.00	55.63 1.20 0.00	62.00 1.63 0.00	76.13 1.86 0.00	68.85 1.74 0.00	63.77 1.62 0.00	59.46 1.56 0.00	55.58 1.20 0.00	51.88 1.02 0.00	47.28 0.84 0.00
ALTONA_WT_PWR 323606	35.70 0.66 0.00	33.66 0.46 0.00	32.99 0.33 0.00	32.71 0.13 0.00	33.36 0.20 0.00	38.86 0.42 0.00	50.56 0.25 0.00	55.82 -0.62 0.00	54.79 0.76 0.00	45.33 0.49 0.00	46.83 0.60 0.00	47.35 0.79 0.00	45.54 0.85 0.00	47.65 0.84 0.00	50.35 1.23 0.00	55.80 1.36 0.00	60.49 0.12 0.00	74.80 0.52 0.00	67.64 0.53 0.00	62.91 0.75 0.00	58.47 0.58 0.00	56.17 1.79 0.00	52.80 1.93 0.00	48.11 1.67 0.00
AMERICAN_REF_FUEL 24010	33.04 -2.00 0.00	31.54 -1.66 0.00	31.03 -1.63 0.00	31.08 -1.50 0.00	31.67 -1.49 0.00	36.40 -2.04 0.00	46.64 -3.67 0.00	51.47 -4.97 0.00	49.77 -4.27 0.00	41.43 -3.41 0.00	42.76 -3.47 0.00	43.62 -2.93 0.00	41.70 -2.99 0.00	43.86 -2.95 0.00	45.98 -3.14 0.00	50.73 -3.70 0.00	56.63 -3.74 0.00	70.19 -4.09 0.00	63.08 -4.02 0.00	57.87 -4.29 0.00	53.78 -4.11 0.00	50.08 -4.30 0.00	46.64 -4.22 0.00	43.33 -3.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.13 -0.91 0.00	32.60 -0.60 0.00	32.18 -0.49 0.00	32.29 -0.29 0.00	32.99 -0.16 0.00	38.06 -0.38 0.00	49.05 -1.26 0.00	54.46 -1.98 0.00	52.96 -1.08 0.00	44.21 -0.63 0.00	45.68 -0.55 0.00	46.79 0.23 0.00	44.69 0.00 0.00	47.00 0.19 0.00	49.37 0.25 0.00	54.55 0.11 0.00	60.98 0.60 0.00	75.76 1.48 0.00	68.05 0.94 0.00	62.34 0.19 0.00	57.84 -0.06 0.00	53.62 -0.76 0.00	49.79 -1.07 0.00	46.07 -0.37 0.00
ARTHUR KILL_GT_1 23520	37.29 2.24 -0.01	35.27 2.06 -0.01	34.50 1.83 -0.01	34.35 1.76 -0.01	35.09 1.92 -0.01	40.67 2.23 0.00	52.92 2.61 0.00	60.29 3.84 -0.01	56.31 2.27 -0.01	47.76 2.91 -0.01	48.97 2.73 -0.01	49.12 2.56 -0.01	47.25 2.55 -0.01	49.39 2.57 -0.01	51.15 2.01 -0.01	56.24 1.79 -0.01	63.22 2.84 -0.01	77.63 3.35 -0.01	70.40 3.29 -0.01	64.84 2.67 -0.01	60.57 2.66 -0.01	56.40 2.01 -0.01	53.41 2.54 -0.01	48.86 2.41 -0.01
ARTHUR_KILL_2 23512	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	52.77 2.46 0.00	60.12 3.67 -0.01	56.15 2.11 -0.01	47.63 2.78 -0.01	48.83 2.59 -0.01	48.98 2.42 -0.01	47.11 2.41 -0.01	49.25 2.43 -0.01	51.00 1.87 -0.01	56.08 1.63 -0.01	62.97 2.59 -0.01	77.33 3.05 -0.01	70.14 3.02 -0.01	64.65 2.49 -0.01	60.39 2.49 -0.01	56.24 1.85 -0.01	53.26 2.39 -0.01	48.68 2.23 -0.01
ARTHUR_KILL_3 23513	36.58 1.54 0.00	34.59 1.39 0.00	33.91 1.24 0.00	33.79 1.21 0.00	34.49 1.33 0.00	40.02 1.58 0.00	52.52 2.21 0.00	59.94 3.50 0.00	56.31 2.27 0.00	47.08 2.24 0.00	48.26 2.03 0.00	48.47 1.91 0.00	46.61 1.92 0.00	48.73 1.92 0.00	50.94 1.82 0.00	56.45 2.02 0.00	63.21 2.84 0.00	77.70 3.42 0.00	70.40 3.29 0.00	64.89 2.73 0.00	60.62 2.72 0.00	56.28 1.90 0.00	52.64 1.78 0.00	47.83 1.39 0.00

ARTHUR_KILL_COGEN 323718	37.29 2.24 -0.01	35.27 2.06 -0.01	34.50 1.83 -0.01	34.35 1.76 -0.01	35.09 1.92 -0.01	40.67 2.23 0.00	52.92 2.61 0.00	60.29 3.84 -0.01	56.31 2.27 -0.01	47.76 2.91 -0.01	48.97 2.73 -0.01	49.12 2.56 -0.01	47.25 2.55 -0.01	49.39 2.57 -0.01	51.15 2.01 -0.01	56.24 1.79 -0.01	63.22 2.84 -0.01	77.63 3.35 -0.01	70.40 3.29 -0.01	64.84 2.67 -0.01	60.57 2.66 -0.01	56.40 2.01 -0.01	53.41 2.54 -0.01	48.86 2.41 -0.01
ASHOKAN____ 23654	37.88 2.84 0.00	35.95 2.75 0.00	35.18 2.52 0.00	35.05 2.47 0.00	35.78 2.62 0.00	41.59 3.15 0.00	54.43 4.13 0.00	61.52 5.08 0.00	57.44 3.41 0.00	47.67 2.83 0.00	48.73 2.49 0.00	48.65 2.10 0.00	46.26 1.56 0.00	48.49 1.68 0.00	50.94 1.82 0.00	57.48 3.05 0.00	65.32 4.95 0.00	80.44 6.16 0.00	73.28 6.17 0.00	68.00 5.84 0.00	63.63 5.73 0.00	58.46 4.08 0.00	54.42 3.56 0.00	49.92 3.48 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.07 2.03 0.00	35.13 1.92 -0.01	34.40 1.73 -0.01	34.38 1.79 -0.01	35.12 1.96 -0.01	40.68 2.23 -0.01	53.28 2.97 -0.01	61.08 4.63 -0.01	56.25 2.22 0.00	47.07 2.24 0.01	48.25 2.03 0.01	48.41 1.86 0.01	46.56 1.88 0.01	48.68 1.87 0.01	50.79 1.67 0.01	56.17 1.74 0.01	62.90 2.54 0.01	77.24 2.97 0.01	70.05 2.95 0.01	64.57 2.42 0.01	60.32 2.43 0.01	56.23 1.85 0.00	52.85 1.98 0.00	48.02 1.58 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.07 2.03 0.00	35.13 1.92 -0.01	34.40 1.73 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.72 2.27 -0.01	53.33 3.02 -0.01	61.08 4.63 -0.01	56.25 2.22 0.00	47.07 2.24 0.01	48.25 2.03 0.01	48.41 1.86 0.01	46.56 1.88 0.01	48.68 1.87 0.01	50.79 1.67 0.01	56.17 1.74 0.01	62.90 2.54 0.01	77.24 2.97 0.01	70.05 2.95 0.01	64.57 2.42 0.01	60.32 2.43 0.01	56.23 1.85 0.00	52.85 1.98 0.00	48.02 1.58 0.00
ASTORIA_GT2_1 24094	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT2_2 24095	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT2_3 24096	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT2_4 24097	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT3_1 24098	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT3_2 24099	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT3_3 24100	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT3_4 24101	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT4_1 24102	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT4_2 24103	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT4_3 24104	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00

ASTORIA_GT4_4 24105	37.04 2.00 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.86 2.42 0.00	53.63 3.32 0.00	61.47 5.02 -0.01	56.85 2.81 0.00	47.26 2.42 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.70 2.01 0.00	48.82 2.01 0.00	51.09 1.96 0.00	56.72 2.29 0.00	63.51 3.14 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.02 2.86 0.00	60.85 2.95 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.02 1.58 0.00
ASTORIA_GT_1 23523	37.14 2.10 0.00	35.20 1.99 -0.01	34.47 1.80 -0.01	34.44 1.86 -0.01	35.19 2.02 -0.01	40.76 2.31 -0.01	53.44 3.12 -0.01	61.19 4.74 -0.01	56.36 2.32 0.00	47.21 2.37 0.01	48.35 2.13 0.01	48.55 2.00 0.01	46.70 2.01 0.01	48.81 2.01 0.01	50.88 1.77 0.01	56.28 1.85 0.01	63.08 2.72 0.01	77.46 3.19 0.01	70.26 3.15 0.01	64.76 2.61 0.01	60.43 2.54 0.01	56.34 1.95 0.00	52.95 2.09 0.00	48.11 1.67 0.00
ASTORIA_GT_10 24110	37.00 1.96 0.00	35.03 1.83 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.96 1.79 -0.01	40.59 2.15 0.00	53.28 2.97 0.00	61.25 4.80 -0.01	57.12 3.08 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.87 3.50 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.45 3.29 0.00	61.19 3.30 0.00	57.05 2.66 0.00	53.20 2.34 0.00	48.20 1.76 0.00
ASTORIA_GT_11 24225	37.00 1.96 0.00	35.03 1.83 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.96 1.79 -0.01	40.59 2.15 0.00	53.28 2.97 0.00	61.25 4.80 -0.01	57.12 3.08 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.87 3.50 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.45 3.29 0.00	61.19 3.30 0.00	57.05 2.66 0.00	53.20 2.34 0.00	48.20 1.76 0.00
ASTORIA_GT_12 24226	37.00 1.96 0.00	35.03 1.83 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.96 1.79 -0.01	40.59 2.15 0.00	53.28 2.97 0.00	61.25 4.80 -0.01	57.12 3.08 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.87 3.50 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.45 3.29 0.00	61.19 3.30 0.00	57.05 2.66 0.00	53.20 2.34 0.00	48.20 1.76 0.00
ASTORIA_GT_13 24227	37.00 1.96 0.00	35.03 1.83 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.96 1.79 -0.01	40.59 2.15 0.00	53.28 2.97 0.00	61.25 4.80 -0.01	57.12 3.08 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.87 3.50 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.45 3.29 0.00	61.19 3.30 0.00	57.05 2.66 0.00	53.20 2.34 0.00	48.20 1.76 0.00
ASTORIA_GT_5 24106	37.11 2.07 0.00	35.17 1.96 -0.01	34.57 1.89 -0.01	34.54 1.95 -0.01	35.26 2.09 -0.01	40.94 2.50 0.00	53.73 3.42 0.00	61.59 5.14 -0.01	57.01 2.97 0.00	47.35 2.51 0.00	48.40 2.17 0.00	48.65 2.10 0.00	46.79 2.10 0.00	48.92 2.11 0.00	51.24 2.11 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.20 3.05 0.00	60.96 3.07 0.00	56.88 2.50 0.00	53.10 2.24 0.00	48.11 1.67 0.00
ASTORIA_GT_7 24107	37.11 2.07 0.00	35.17 1.96 -0.01	34.57 1.89 -0.01	34.54 1.95 -0.01	35.26 2.09 -0.01	40.94 2.50 0.00	53.73 3.42 0.00	61.59 5.14 -0.01	57.01 2.97 0.00	47.35 2.51 0.00	48.40 2.17 0.00	48.65 2.10 0.00	46.79 2.10 0.00	48.92 2.11 0.00	51.24 2.11 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.20 3.05 0.00	60.96 3.07 0.00	56.88 2.50 0.00	53.10 2.24 0.00	48.11 1.67 0.00
ASTORIA_GT_8 24108	37.11 2.07 0.00	35.17 1.96 -0.01	34.57 1.89 -0.01	34.54 1.95 -0.01	35.26 2.09 -0.01	40.94 2.50 0.00	53.73 3.42 0.00	61.59 5.14 -0.01	57.01 2.97 0.00	47.35 2.51 0.00	48.40 2.17 0.00	48.65 2.10 0.00	46.79 2.10 0.00	48.92 2.11 0.00	51.24 2.11 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.20 3.05 0.00	60.96 3.07 0.00	56.88 2.50 0.00	53.10 2.24 0.00	48.11 1.67 0.00
ASTORIA___2 24149	37.11 2.07 0.00	35.13 1.92 -0.01	34.40 1.73 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.72 2.27 -0.01	53.33 3.02 -0.01	61.08 4.63 -0.01	56.25 2.22 0.00	47.12 2.29 0.01	48.25 2.03 0.01	48.46 1.91 0.01	46.61 1.92 0.01	48.68 1.87 0.01	50.79 1.67 0.01	56.17 1.74 0.01	62.96 2.59 0.01	77.32 3.05 0.01	70.12 3.02 0.01	64.64 2.49 0.01	60.32 2.43 0.01	56.23 1.85 0.00	52.85 1.98 0.00	48.02 1.58 0.00
ASTORIA___3 23516	37.00 1.96 0.00	35.00 1.79 -0.01	34.27 1.60 -0.01	34.18 1.60 -0.01	34.89 1.72 -0.01	40.44 2.00 0.00	52.97 2.66 0.00	60.52 4.07 -0.01	56.52 2.49 0.00	47.39 2.55 0.00	48.59 2.36 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.01 2.20 0.00	51.14 2.01 0.00	56.56 2.12 0.00	63.33 2.96 0.00	77.77 3.49 0.00	70.46 3.35 0.00	65.02 2.86 0.00	60.67 2.78 0.00	56.45 2.07 0.00	53.00 2.14 0.00	48.20 1.76 0.00
ASTORIA___4 23517	37.00 1.96 0.00	35.03 1.83 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.96 1.79 -0.01	40.59 2.15 0.00	53.28 2.97 0.00	61.25 4.80 -0.01	57.12 3.08 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.88 2.33 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.87 3.50 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.45 3.29 0.00	61.19 3.30 0.00	56.99 2.61 0.00	53.15 2.29 0.00	48.20 1.76 0.00
ASTORIA___5 23518	37.00 1.96 0.00	35.00 1.79 -0.01	34.27 1.60 -0.01	34.18 1.60 -0.01	34.89 1.72 -0.01	40.44 2.00 0.00	52.97 2.66 0.00	60.52 4.07 -0.01	56.52 2.49 0.00	47.39 2.55 0.00	48.59 2.36 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.01 2.20 0.00	51.14 2.01 0.00	56.56 2.12 0.00	63.33 2.96 0.00	77.77 3.49 0.00	70.46 3.35 0.00	65.02 2.86 0.00	60.67 2.78 0.00	56.45 2.07 0.00	53.00 2.14 0.00	48.20 1.76 0.00
AST_ENERGY_2_CC3 323677	36.76 1.72 0.00	34.76 1.56 0.00	34.04 1.37 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.17 1.73 0.00	52.77 2.46 0.00	60.17 3.72 0.00	56.52 2.49 0.00	47.30 2.46 0.00	44.25 2.17 4.15	44.25 2.05 4.35	43.48 2.06 3.27	43.39 2.06 5.48	44.25 1.97 6.84	44.25 2.18 12.37	48.93 3.08 14.52	64.45 3.71 13.54	57.12 3.49 13.48	51.65 2.98 13.49	47.29 2.95 13.55	44.25 2.12 12.25	46.25 1.98 6.60	42.25 1.53 5.72
AST_ENERGY_2_CC4 323678	36.76 1.72 0.00	34.76 1.56 0.00	34.04 1.37 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.17 1.73 0.00	52.77 2.46 0.00	60.17 3.72 0.00	56.52 2.49 0.00	47.30 2.46 0.00	44.25 2.17 4.15	44.25 2.05 4.35	43.48 2.06 3.27	43.39 2.06 5.48	44.25 1.97 6.84	44.25 2.18 12.37	48.93 3.08 14.52	64.45 3.71 13.54	57.12 3.49 13.48	51.65 2.98 13.49	47.29 2.95 13.55	44.25 2.12 12.25	46.25 1.98 6.60	42.25 1.53 5.72

ATHENS_STG_1 23668	35.95 0.91 0.00	34.03 0.83 0.00	33.48 0.82 0.00	33.39 0.81 0.00	33.95 0.79 0.00	39.40 0.96 0.00	51.61 1.31 0.00	58.36 1.92 0.00	55.22 1.19 0.00	45.91 1.07 0.00	47.34 1.11 0.00	47.54 0.98 0.00	45.68 0.98 0.00	47.84 1.03 0.00	50.11 0.98 0.00	55.63 1.20 0.00	62.18 1.81 0.00	76.35 2.08 0.00	69.06 1.95 0.00	64.02 1.86 0.00	59.69 1.80 0.00	55.63 1.25 0.00	52.08 1.22 0.00	47.46 1.02 0.00
ATHENS_STG_2 23670	35.95 0.91 0.00	34.03 0.83 0.00	33.48 0.82 0.00	33.39 0.81 0.00	33.95 0.79 0.00	39.40 0.96 0.00	51.61 1.31 0.00	58.36 1.92 0.00	55.22 1.19 0.00	45.91 1.07 0.00	47.34 1.11 0.00	47.54 0.98 0.00	45.68 0.98 0.00	47.84 1.03 0.00	50.11 0.98 0.00	55.63 1.20 0.00	62.18 1.81 0.00	76.35 2.08 0.00	69.06 1.95 0.00	64.02 1.86 0.00	59.69 1.80 0.00	55.63 1.25 0.00	52.08 1.22 0.00	47.46 1.02 0.00
ATHENS_STG_3 23677	35.95 0.91 0.00	34.03 0.83 0.00	33.48 0.82 0.00	33.39 0.81 0.00	33.95 0.79 0.00	39.40 0.96 0.00	51.61 1.31 0.00	58.36 1.92 0.00	55.22 1.19 0.00	45.91 1.07 0.00	47.34 1.11 0.00	47.54 0.98 0.00	45.68 0.98 0.00	47.84 1.03 0.00	50.11 0.98 0.00	55.63 1.20 0.00	62.18 1.81 0.00	76.35 2.08 0.00	69.06 1.95 0.00	64.02 1.86 0.00	59.69 1.80 0.00	55.63 1.25 0.00	52.08 1.22 0.00	47.46 1.02 0.00
AUBURN___LFGE 323710	34.65 -0.39 0.00	32.87 -0.33 0.00	32.34 -0.33 0.00	32.29 -0.29 0.00	32.89 -0.27 0.00	38.17 -0.27 0.00	50.06 -0.25 0.00	56.05 -0.40 0.00	53.87 -0.16 0.00	44.66 -0.18 0.00	46.05 -0.18 0.00	46.37 -0.19 0.00	44.47 -0.22 0.00	46.48 -0.33 0.00	48.73 -0.39 0.00	54.27 -0.16 0.00	60.55 0.18 0.00	75.09 0.82 0.00	67.65 0.54 0.00	62.53 0.37 0.00	58.12 0.23 0.00	54.16 -0.22 0.00	50.36 -0.51 0.00	46.16 -0.28 0.00
BABYLON_RES_REC 323704	36.83 1.79 0.00	34.70 1.50 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.75 1.59 0.00	40.59 2.15 0.00	52.57 2.27 0.00	59.94 3.50 0.00	55.71 1.68 0.00	46.86 2.02 0.00	47.94 1.71 0.00	48.00 1.44 0.00	46.53 1.83 0.00	48.92 2.11 0.00	51.53 2.41 0.00	57.10 2.67 0.00	64.60 4.22 0.00	78.97 4.68 -0.01	71.48 4.36 -0.01	65.95 3.79 0.00	61.95 4.05 -0.01	56.99 2.61 0.00	53.10 2.24 0.00	49.13 2.69 0.00
BABYLON__69_KV_BK2 356345	37.11 2.07 0.00	34.96 1.76 0.00	34.56 1.89 0.00	34.47 1.89 0.00	35.11 1.96 0.00	41.02 2.58 0.00	53.43 3.12 0.00	62.54 6.10 0.00	57.33 3.30 0.00	48.07 3.23 0.00	48.59 2.36 0.00	48.88 2.33 0.00	47.42 2.73 0.00	49.76 2.95 0.00	52.37 3.24 0.00	58.36 3.92 0.00	65.56 5.19 0.00	81.20 6.91 -0.01	73.56 6.44 -0.01	67.57 5.41 0.00	63.52 5.62 -0.01	58.57 4.19 0.00	54.17 3.31 0.00	49.69 3.25 0.00
BALL_HILL_WT_PWR 323825	34.17 -0.87 0.00	32.60 -0.60 0.00	32.14 -0.52 0.00	32.19 -0.39 0.00	32.86 -0.30 0.00	37.79 -0.65 0.00	48.60 -1.71 0.00	53.85 -2.60 0.00	52.20 -1.84 0.00	43.50 -1.34 0.00	44.89 -1.34 0.00	45.86 -0.70 0.00	43.84 -0.85 0.00	46.06 -0.75 0.00	48.34 -0.79 0.00	53.40 -1.04 0.00	59.77 -0.60 0.00	74.13 -0.15 0.00	66.57 -0.54 0.00	61.10 -1.06 0.00	56.74 -1.16 0.00	52.70 -1.69 0.00	49.04 -1.83 0.00	45.42 -1.02 0.00
BARON_WINDS___WT_PWR 323822	34.41 -0.63 0.00	32.67 -0.53 0.00	32.18 -0.49 0.00	32.19 -0.39 0.00	32.79 -0.36 0.00	37.90 -0.54 0.00	49.35 -0.96 0.00	55.03 -1.41 0.00	53.07 -0.97 0.00	44.17 -0.67 0.00	45.58 -0.65 0.00	46.28 -0.28 0.00	44.29 -0.40 0.00	46.53 -0.28 0.00	48.88 -0.24 0.00	54.17 -0.27 0.00	60.68 0.30 0.00	75.17 0.89 0.00	67.64 0.53 0.00	62.28 0.12 0.00	57.84 -0.06 0.00	53.67 -0.71 0.00	50.00 -0.86 0.00	46.25 -0.19 0.00
BARRETT_IC_1 23704	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_10 23701	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_11 23702	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_12 23703	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_2 23705	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_3 23706	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_4 23707	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01

BARRETT_IC_5 23708	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_6 23709	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_7 23710	36.72 1.68 0.00	34.66 1.46 0.00	34.17 1.50 0.00	34.08 1.50 0.00	34.72 1.56 -0.01	40.49 2.04 -0.01	52.62 2.31 0.00	61.07 4.63 0.00	56.47 2.43 0.00	47.40 2.56 -0.01	48.13 1.90 0.00	48.37 1.82 0.00	46.84 2.15 0.00	49.01 2.20 0.00	51.33 2.21 0.00	56.99 2.56 0.00	64.12 3.74 0.00	79.11 4.83 -0.01	71.61 4.50 -0.01	66.01 3.85 0.00	61.84 3.94 -0.01	57.32 2.94 0.00	53.20 2.34 0.00	48.72 2.28 -0.01
BARRETT_IC_8 23711	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT_IC_9 23700	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT___1 23545	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BARRETT___2 23546	36.73 1.68 -0.01	34.63 1.43 -0.01	33.94 1.27 0.00	33.85 1.27 0.00	34.66 1.49 -0.01	40.41 1.96 -0.01	52.72 2.41 0.00	59.94 3.50 0.00	55.93 1.89 0.00	47.13 2.29 -0.01	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.43 2.31 0.00	56.89 2.45 0.00	64.24 3.87 0.00	78.89 4.61 -0.01	71.35 4.23 -0.01	65.95 3.79 0.00	61.61 3.71 -0.01	56.94 2.56 0.00	53.10 2.24 0.00	48.72 2.27 -0.01
BATAVIA__115KV_TB1 55881	34.58 -0.46 0.00	32.97 -0.23 0.00	32.34 -0.33 0.00	32.42 -0.16 0.00	33.09 -0.07 0.00	38.17 -0.27 0.00	49.30 -1.01 0.00	53.73 -2.71 0.00	52.85 -1.19 0.00	44.08 -0.76 0.00	45.35 -0.88 0.00	46.14 -0.42 0.00	44.11 -0.58 0.00	46.44 -0.37 0.00	48.29 -0.84 0.00	53.95 -0.49 0.00	59.89 -0.48 0.00	75.24 0.97 0.00	67.38 0.27 0.00	61.97 -0.19 0.00	57.20 -0.69 0.00	53.35 -1.03 0.00	49.19 -1.68 0.00	45.70 -0.74 0.00
BAYONEEC___CTG1 323682	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG10 323750	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG2 323683	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG3 323684	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG4 323685	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG5 323686	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG6 323687	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00

BAYONEEC___CTG7 323688	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG8 323689	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BAYONEEC___CTG9 323749	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.22 3.78 0.00	56.58 2.54 0.00	47.30 2.46 0.00	48.50 2.26 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.19 2.06 0.00	56.72 2.29 0.00	63.51 3.14 0.00	78.06 3.79 0.00	70.73 3.62 0.00	65.26 3.11 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.95 2.09 0.00	48.11 1.67 0.00
BEACON___LESR 323632	35.99 0.95 0.00	34.03 0.83 0.00	33.55 0.88 0.00	33.42 0.85 0.00	34.02 0.86 0.00	39.56 1.12 0.00	51.97 1.66 0.00	58.76 2.32 0.00	55.66 1.62 0.00	46.05 1.21 0.00	47.57 1.34 0.00	47.76 1.21 0.00	45.90 1.21 0.00	48.03 1.22 0.00	50.45 1.33 0.00	56.18 1.74 0.00	62.72 2.35 0.00	77.10 2.82 0.00	69.66 2.55 0.00	64.58 2.42 0.00	60.15 2.26 0.00	56.07 1.69 0.00	52.29 1.42 0.00	47.60 1.16 0.00
BEAVER RIVER___HYD 24048	35.78 0.74 0.00	33.90 0.70 0.00	33.25 0.59 0.00	33.26 0.69 0.00	33.92 0.76 0.00	39.59 1.15 0.00	50.76 0.45 0.00	57.12 0.68 0.00	54.90 0.86 0.00	45.16 0.32 0.00	46.46 0.23 0.00	47.26 0.70 0.00	45.32 0.63 0.00	47.61 0.80 0.00	50.11 0.98 0.00	56.13 1.69 0.00	62.85 2.48 0.00	77.54 3.26 0.00	69.86 2.75 0.00	64.77 2.61 0.00	60.15 2.26 0.00	56.39 2.01 0.00	52.18 1.32 0.00	47.55 1.11 0.00
BEEBEE_GT_13 23619	34.16 -0.88 0.00	32.50 -0.70 0.00	31.91 -0.75 0.00	31.96 -0.62 0.00	32.56 -0.60 0.00	37.63 -0.81 0.00	48.85 -1.46 0.00	53.90 -2.54 0.00	52.47 -1.57 0.00	43.72 -1.12 0.00	45.08 -1.16 0.00	45.67 -0.88 0.00	43.71 -0.98 0.00	45.92 -0.89 0.00	47.85 -1.28 0.00	53.35 -1.09 0.00	59.17 -1.21 0.00	73.83 -0.45 0.00	66.24 -0.87 0.00	61.10 -1.06 0.00	56.56 -1.33 0.00	52.80 -1.58 0.00	48.83 -2.03 0.00	45.14 -1.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.40 2.35 -0.01	35.37 2.16 -0.01	34.70 2.03 -0.01	34.54 1.95 -0.01	35.22 2.06 -0.01	40.98 2.54 0.00	53.83 3.52 0.00	61.87 5.42 -0.01	57.83 3.78 -0.01	48.12 3.27 -0.01	49.24 3.01 -0.01	49.50 2.93 -0.01	47.56 2.86 -0.01	49.77 2.95 -0.01	52.08 2.95 -0.01	57.82 3.38 -0.01	64.73 4.35 -0.01	79.49 5.20 -0.01	71.95 4.83 -0.01	66.33 4.16 -0.01	62.01 4.11 -0.01	57.76 3.37 -0.01	53.82 2.95 -0.01	48.77 2.32 -0.01
BETHLEHEM___GRP 23843	35.36 0.32 0.00	33.50 0.30 0.00	32.96 0.29 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.86 0.42 0.00	50.86 0.55 0.00	57.74 1.30 0.00	54.58 0.54 0.00	45.11 0.27 0.00	46.65 0.42 0.00	46.84 0.28 0.00	45.01 0.31 0.00	47.14 0.33 0.00	49.52 0.39 0.00	55.09 0.65 0.00	61.46 1.09 0.00	75.39 1.11 0.00	68.18 1.07 0.00	63.15 0.99 0.00	58.88 0.98 0.00	55.03 0.65 0.00	51.32 0.46 0.00	46.72 0.28 0.00
BETHLEHEM___GS1 323560	35.35 0.31 0.00	33.46 0.26 0.00	32.99 0.33 0.00	32.90 0.33 0.00	33.42 0.26 0.00	38.83 0.38 0.00	50.91 0.61 0.00	57.51 1.07 0.00	54.52 0.49 0.00	45.16 0.32 0.00	46.65 0.42 0.00	46.84 0.28 0.00	45.05 0.36 0.00	47.14 0.33 0.00	49.47 0.35 0.00	54.98 0.54 0.00	61.40 1.03 0.00	75.39 1.12 0.00	68.18 1.07 0.00	63.15 0.99 0.00	58.88 0.98 0.00	54.93 0.54 0.00	51.27 0.41 0.00	46.72 0.28 0.00
BETHLEHEM___GS2 323561	35.35 0.31 0.00	33.46 0.26 0.00	32.99 0.33 0.00	32.90 0.33 0.00	33.42 0.26 0.00	38.83 0.38 0.00	50.91 0.61 0.00	57.51 1.07 0.00	54.52 0.49 0.00	45.16 0.32 0.00	46.65 0.42 0.00	46.84 0.28 0.00	45.05 0.36 0.00	47.14 0.33 0.00	49.47 0.35 0.00	54.98 0.54 0.00	61.40 1.03 0.00	75.39 1.12 0.00	68.18 1.07 0.00	63.15 0.99 0.00	58.88 0.98 0.00	54.93 0.54 0.00	51.27 0.41 0.00	46.72 0.28 0.00
BETHLEHEM___GS3 323562	35.35 0.31 0.00	33.46 0.26 0.00	32.99 0.33 0.00	32.90 0.33 0.00	33.42 0.26 0.00	38.83 0.38 0.00	50.91 0.61 0.00	57.51 1.07 0.00	54.52 0.49 0.00	45.16 0.32 0.00	46.65 0.42 0.00	46.84 0.28 0.00	45.05 0.36 0.00	47.14 0.33 0.00	49.47 0.35 0.00	54.98 0.54 0.00	61.40 1.03 0.00	75.39 1.12 0.00	68.18 1.07 0.00	63.15 0.99 0.00	58.88 0.98 0.00	54.93 0.54 0.00	51.27 0.41 0.00	46.72 0.28 0.00
BETHLEHEM___STEEL 23779	34.13 -0.91 0.00	32.54 -0.66 0.00	31.98 -0.69 0.00	32.03 -0.55 0.00	32.69 -0.46 0.00	37.71 -0.73 0.00	48.45 -1.86 0.00	52.49 -3.95 0.00	51.77 -2.27 0.00	43.23 -1.61 0.00	44.61 -1.62 0.00	45.49 -1.07 0.00	43.53 -1.16 0.00	45.73 -1.08 0.00	47.60 -1.52 0.00	53.13 -1.31 0.00	58.74 -1.63 0.00	73.53 -0.74 0.00	65.97 -1.14 0.00	60.60 -1.55 0.00	55.93 -1.97 0.00	52.42 -1.96 0.00	48.47 -2.39 0.00	45.23 -1.21 0.00
BETHLHEM_115KV_TB1 79974	35.46 0.42 0.00	33.57 0.37 0.00	33.06 0.39 0.00	32.94 0.36 0.00	33.52 0.36 0.00	38.94 0.50 0.00	51.01 0.70 0.00	57.85 1.41 0.00	54.69 0.65 0.00	45.24 0.40 0.00	46.74 0.51 0.00	46.98 0.42 0.00	45.10 0.40 0.00	47.23 0.42 0.00	49.61 0.49 0.00	55.20 0.76 0.00	61.58 1.21 0.00	75.54 1.26 0.00	68.32 1.21 0.00	63.28 1.12 0.00	58.99 1.10 0.00	55.14 0.76 0.00	51.42 0.56 0.00	46.81 0.37 0.00
BETHPAGE_CC_5 323564	36.83 1.79 0.00	34.73 1.53 0.00	34.04 1.37 0.00	33.92 1.34 0.00	34.75 1.59 0.00	40.55 2.11 0.00	52.77 2.46 0.00	60.11 3.67 0.00	55.98 1.94 0.00	47.13 2.29 0.00	48.22 1.99 0.00	48.28 1.72 0.00	46.75 2.06 0.00	49.10 2.29 0.00	51.63 2.50 0.00	57.10 2.67 0.00	64.54 4.16 0.00	79.19 4.90 -0.01	71.69 4.57 -0.01	66.14 3.98 0.00	61.90 3.99 -0.01	57.05 2.66 0.00	53.16 2.29 0.00	48.90 2.46 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.23 -0.81 0.00	32.64 -0.56 0.00	32.08 -0.59 0.00	32.12 -0.46 0.00	32.79 -0.36 0.00	37.83 -0.62 0.00	48.65 -1.66 0.00	52.72 -3.73 0.00	51.98 -2.05 0.00	43.41 -1.43 0.00	44.80 -1.43 0.00	45.72 -0.84 0.00	43.75 -0.94 0.00	45.97 -0.84 0.00	47.85 -1.28 0.00	53.35 -1.09 0.00	59.04 -1.33 0.00	73.98 -0.30 0.00	66.30 -0.81 0.00	60.91 -1.24 0.00	56.21 -1.68 0.00	52.64 -1.74 0.00	48.73 -2.14 0.00	45.42 -1.02 0.00

BINGHAMTON___COGEN 23790	35.15 0.11 0.00	33.30 0.10 0.00	32.76 0.10 0.00	32.71 0.13 0.00	33.32 0.17 0.00	38.63 0.19 0.00	50.56 0.25 0.00	56.61 0.17 0.00	54.36 0.32 0.00	45.06 0.22 0.00	46.42 0.18 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.04 0.23 0.00	49.27 0.15 0.00	54.93 0.49 0.00	61.28 0.91 0.00	75.61 1.34 0.00	68.12 1.01 0.00	62.97 0.81 0.00	58.53 0.64 0.00	54.65 0.27 0.00	50.76 -0.10 0.00	46.63 0.19 0.00
BIXINCNT_115KV_LOAD 355685	34.27 -0.77 0.00	32.64 -0.56 0.00	32.01 -0.65 0.00	32.09 -0.49 0.00	32.79 -0.36 0.00	38.02 -0.42 0.00	49.00 -1.31 0.00	53.39 -3.05 0.00	52.58 -1.46 0.00	43.99 -0.85 0.00	45.26 -0.97 0.00	46.28 -0.28 0.00	44.38 -0.31 0.00	46.67 -0.14 0.00	48.68 -0.44 0.00	54.33 -0.11 0.00	60.31 -0.06 0.00	75.47 1.19 0.00	67.78 0.67 0.00	62.28 0.12 0.00	57.43 -0.46 0.00	53.73 -0.65 0.00	49.69 -1.17 0.00	46.30 -0.14 0.00
BLACK RIVER___HYD 24047	35.35 0.31 0.00	33.53 0.33 0.00	32.89 0.23 0.00	32.94 0.36 0.00	33.59 0.43 0.00	39.21 0.77 0.00	50.86 0.55 0.00	57.29 0.85 0.00	55.01 0.97 0.00	45.20 0.36 0.00	46.46 0.23 0.00	47.07 0.51 0.00	45.19 0.49 0.00	47.42 0.61 0.00	49.91 0.78 0.00	56.07 1.63 0.00	62.97 2.59 0.00	77.70 3.42 0.00	69.93 2.82 0.00	64.83 2.67 0.00	60.21 2.32 0.00	56.23 1.85 0.00	51.83 0.96 0.00	47.28 0.84 0.00
BLACKRVR_115KV_TB2 79977	35.36 0.32 0.00	33.53 0.33 0.00	32.86 0.20 0.00	32.94 0.36 0.00	33.56 0.40 0.00	38.29 -0.15 0.00	50.66 0.35 0.00	57.23 0.79 0.00	54.96 0.92 0.00	45.20 0.36 0.00	46.46 0.23 0.00	47.07 0.51 0.00	45.18 0.49 0.00	47.42 0.61 0.00	49.86 0.74 0.00	56.01 1.58 0.00	62.85 2.48 0.00	77.55 3.27 0.00	69.79 2.68 0.00	64.64 2.49 0.00	60.04 2.14 0.00	56.07 1.69 0.00	51.83 0.97 0.00	47.28 0.84 0.00
BLISS_WT_PWR 323608	34.17 -0.87 0.00	32.57 -0.63 0.00	31.98 -0.69 0.00	32.06 -0.52 0.00	32.76 -0.40 0.00	37.94 -0.50 0.00	48.95 -1.36 0.00	54.24 -2.20 0.00	52.63 -1.41 0.00	43.94 -0.90 0.00	45.21 -1.02 0.00	46.32 -0.23 0.00	44.38 -0.31 0.00	46.72 -0.09 0.00	49.12 0.00 0.00	54.33 -0.11 0.00	60.98 0.60 0.00	75.62 1.34 0.00	67.98 0.87 0.00	62.41 0.25 0.00	57.89 0.00 0.00	53.73 -0.65 0.00	49.95 -0.91 0.00	46.35 -0.09 0.00
BLUESTONE___WT_PWR 323821	36.55 1.51 0.00	34.59 1.39 0.00	33.97 1.31 0.00	34.01 1.43 0.00	34.62 1.46 0.00	40.36 1.92 0.00	53.27 2.97 0.00	61.75 5.30 0.00	59.06 5.03 0.00	48.52 3.68 0.00	49.84 3.61 0.00	50.56 4.00 0.00	48.54 3.84 0.00	50.84 4.03 0.00	53.45 4.32 0.00	60.42 5.99 0.00	68.58 8.21 0.00	81.34 7.06 0.00	73.22 6.11 0.00	67.75 5.60 0.00	62.99 5.10 0.00	58.57 4.19 0.00	54.12 3.26 0.00	49.64 3.20 0.00
BLUE_CIRC_CHEM_DRP 24182	35.81 0.77 0.00	33.93 0.73 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.89 0.73 0.00	39.36 0.92 0.00	51.46 1.16 0.00	58.25 1.81 0.00	55.12 1.08 0.00	45.51 0.67 0.00	47.06 0.83 0.00	47.25 0.70 0.00	45.41 0.72 0.00	47.61 0.80 0.00	50.01 0.88 0.00	55.69 1.25 0.00	62.06 1.69 0.00	76.21 1.93 0.00	68.92 1.81 0.00	63.90 1.74 0.00	59.57 1.68 0.00	55.74 1.36 0.00	51.98 1.12 0.00	47.42 0.98 0.00
BOC_GAS_DRP 24189	35.64 0.60 0.00	33.76 0.56 0.00	33.22 0.56 0.00	33.13 0.55 0.00	33.72 0.56 0.00	39.13 0.69 0.00	51.21 0.91 0.00	58.02 1.58 0.00	54.90 0.86 0.00	45.47 0.63 0.00	46.97 0.74 0.00	47.21 0.65 0.00	45.32 0.63 0.00	47.47 0.66 0.00	49.81 0.69 0.00	55.42 0.98 0.00	61.76 1.39 0.00	75.84 1.56 0.00	68.59 1.48 0.00	63.53 1.37 0.00	59.22 1.33 0.00	55.36 0.98 0.00	51.68 0.81 0.00	47.09 0.65 0.00
BOONVILLE_115KV_TB1 79983	35.74 0.70 0.00	33.90 0.70 0.00	33.29 0.62 0.00	33.30 0.72 0.00	33.92 0.76 0.00	39.06 0.62 0.00	51.41 1.11 0.00	57.91 1.47 0.00	55.44 1.40 0.00	45.83 0.99 0.00	47.16 0.92 0.00	47.72 1.16 0.00	45.81 1.12 0.00	47.98 1.17 0.00	50.40 1.28 0.00	56.34 1.91 0.00	62.97 2.60 0.00	77.62 3.34 0.00	69.93 2.82 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.39 2.01 0.00	52.34 1.48 0.00	47.79 1.35 0.00
BORALEX_4TH_BRANCH 23824	37.00 1.96 0.00	35.03 1.83 0.00	34.46 1.80 0.00	34.37 1.79 0.00	35.02 1.86 0.00	40.67 2.23 0.00	53.23 2.92 0.00	60.51 4.06 0.00	56.85 2.81 0.00	46.90 2.06 0.00	48.77 2.54 0.00	48.93 2.37 0.00	46.97 2.28 0.00	49.24 2.43 0.00	51.68 2.55 0.00	57.54 3.10 0.00	64.24 3.86 0.00	78.88 4.61 0.00	71.47 4.36 0.00	66.14 3.98 0.00	61.60 3.71 0.00	57.59 3.21 0.00	53.66 2.80 0.00	48.76 2.32 0.00
BOWLINE___1 23526	36.44 1.40 0.00	34.46 1.26 0.00	33.81 1.14 0.00	33.69 1.11 0.00	34.39 1.23 0.00	39.82 1.38 0.00	52.17 1.86 0.00	59.26 2.82 0.00	55.61 1.57 0.00	46.45 1.61 0.00	47.71 1.48 0.00	47.86 1.30 0.00	45.99 1.30 0.00	48.12 1.31 0.00	50.30 1.18 0.00	55.85 1.41 0.00	62.67 2.29 0.00	77.03 2.75 0.00	69.80 2.69 0.00	64.46 2.30 0.00	60.21 2.32 0.00	55.85 1.47 0.00	52.18 1.32 0.00	47.51 1.07 0.00
BOWLINE___2 23595	36.41 1.37 0.00	34.43 1.23 0.00	33.81 1.14 0.00	33.69 1.11 0.00	34.39 1.23 0.00	39.79 1.34 0.00	52.12 1.81 0.00	59.21 2.76 0.00	55.61 1.57 0.00	46.45 1.61 0.00	47.71 1.48 0.00	47.86 1.30 0.00	46.03 1.34 0.00	48.12 1.31 0.00	50.30 1.18 0.00	55.85 1.41 0.00	62.61 2.24 0.00	77.03 2.75 0.00	69.80 2.69 0.00	64.46 2.30 0.00	60.21 2.32 0.00	55.85 1.47 0.00	52.18 1.32 0.00	47.55 1.11 0.00
BRADY___115KV_TB2 356060	40.02 4.98 0.00	37.88 4.68 0.00	37.04 4.38 0.00	37.08 4.50 0.00	37.83 4.68 0.00	40.63 2.19 0.00	53.88 3.57 0.00	60.28 3.84 0.00	58.31 4.27 0.00	47.84 3.00 0.00	49.05 2.82 0.00	49.77 3.21 0.00	47.87 3.17 0.00	50.23 3.42 0.00	53.20 4.08 0.00	59.55 5.12 0.00	66.83 6.46 0.00	82.89 8.62 0.00	74.42 7.31 0.00	69.18 7.02 0.00	64.20 6.31 0.00	60.42 6.04 0.00	55.95 5.09 0.00	51.04 4.60 0.00
BRANSCOMB___SOLAR 323811	36.62 1.58 0.00	34.66 1.46 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.87 2.56 0.00	59.71 3.27 0.00	56.41 2.37 0.00	46.45 1.61 0.00	48.03 1.80 0.00	48.14 1.58 0.00	46.21 1.52 0.00	48.49 1.68 0.00	51.04 1.91 0.00	57.00 2.56 0.00	63.69 3.32 0.00	78.36 4.08 0.00	70.73 3.62 0.00	65.64 3.48 0.00	61.08 3.18 0.00	57.10 2.72 0.00	53.21 2.34 0.00	48.48 2.04 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.97 1.93 0.00	34.79 1.59 0.00	34.43 1.76 0.00	34.34 1.76 0.00	34.98 1.82 0.00	40.86 2.42 0.00	53.23 2.92 0.00	62.37 5.93 0.00	57.12 3.08 0.00	47.84 3.00 0.00	48.40 2.17 0.00	48.70 2.14 0.00	47.24 2.55 0.00	49.62 2.81 0.00	52.27 3.14 0.00	58.25 3.81 0.00	65.44 5.07 0.00	80.97 6.68 -0.01	73.36 6.24 -0.01	67.38 5.22 0.00	63.34 5.44 -0.01	58.41 4.02 0.00	54.02 3.15 0.00	49.50 3.07 0.00



BRISTLHL_115KV_TB1 79998	33.99 -1.05 0.00	32.27 -0.93 0.00	31.72 -0.95 0.00	31.67 -0.91 0.00	32.23 -0.93 0.00	37.36 -1.08 0.00	49.00 -1.31 0.00	54.97 -1.47 0.00	52.74 -1.30 0.00	43.72 -1.12 0.00	45.03 -1.20 0.00	45.39 -1.16 0.00	43.53 -1.16 0.00	45.55 -1.26 0.00	47.75 -1.38 0.00	53.13 -1.31 0.00	59.10 -1.27 0.00	72.94 -1.34 0.00	65.77 -1.34 0.00	60.85 -1.31 0.00	56.56 -1.33 0.00	52.86 -1.52 0.00	49.29 -1.58 0.00	45.09 -1.35 0.00
BROOKHAVEN___DRP 24191	36.30 1.26 0.00	34.16 0.96 0.00	34.00 1.34 0.00	33.95 1.37 0.00	34.55 1.39 0.00	40.32 1.88 0.00	52.32 2.01 0.00	61.97 5.53 0.00	56.14 2.11 0.00	46.99 2.15 0.00	47.20 0.97 0.00	47.53 0.98 0.00	46.12 1.43 0.00	48.73 1.92 0.00	51.92 2.80 0.00	57.81 3.38 0.00	64.36 3.98 0.00	79.71 5.42 -0.01	72.29 5.17 -0.01	66.38 4.23 0.00	62.48 4.57 -0.01	57.37 2.99 0.00	53.10 2.24 0.00	48.67 2.23 0.00
BROOKLYN_NAVY_YARD 23515	36.76 1.72 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.65 1.49 0.00	40.21 1.77 0.00	52.82 2.51 0.00	60.28 3.84 0.00	56.63 2.59 0.00	47.39 2.55 0.00	48.54 2.31 0.00	48.75 2.19 0.00	46.88 2.19 0.00	49.01 2.20 0.00	51.23 2.11 0.00	56.78 2.34 0.00	63.63 3.26 0.00	78.29 4.01 0.00	70.93 3.82 0.00	65.39 3.23 0.00	61.08 3.18 0.00	56.67 2.28 0.00	53.00 2.14 0.00	48.11 1.67 0.00
BROOKLYN___ARMY_DRP 323595	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
BROOKVLE_69_KV_TB1 55790	37.00 1.96 0.00	34.89 1.69 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.92 1.76 0.00	40.67 2.23 0.00	53.18 2.87 0.00	61.52 5.08 0.00	57.12 3.08 0.00	47.71 2.87 0.00	48.59 2.36 0.00	48.88 2.33 0.00	47.20 2.50 0.00	49.38 2.57 0.00	51.82 2.70 0.00	57.43 2.99 0.00	64.54 4.17 0.00	79.57 5.27 -0.01	72.02 4.90 -0.01	66.38 4.23 0.00	62.19 4.28 -0.01	57.59 3.21 0.00	53.61 2.75 0.00	48.95 2.51 0.00
BROOME_2_LFGE 323671	35.15 0.11 0.00	33.33 0.13 0.00	32.80 0.13 0.00	32.74 0.16 0.00	33.36 0.20 0.00	38.63 0.19 0.00	50.56 0.25 0.00	56.73 0.28 0.00	54.31 0.27 0.00	45.07 0.23 0.00	46.42 0.19 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.05 0.24 0.00	49.37 0.25 0.00	54.82 0.38 0.00	61.34 0.96 0.00	75.54 1.26 0.00	68.12 1.01 0.00	62.96 0.81 0.00	58.59 0.70 0.00	54.55 0.16 0.00	50.76 -0.10 0.00	46.63 0.19 0.00
BROOME___LFGE 323600	35.15 0.11 0.00	33.33 0.13 0.00	32.80 0.13 0.00	32.74 0.16 0.00	33.36 0.20 0.00	38.63 0.19 0.00	50.56 0.25 0.00	56.73 0.28 0.00	54.31 0.27 0.00	45.07 0.23 0.00	46.42 0.19 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.05 0.24 0.00	49.37 0.25 0.00	54.82 0.38 0.00	61.34 0.96 0.00	75.54 1.26 0.00	68.12 1.01 0.00	62.96 0.81 0.00	58.59 0.70 0.00	54.55 0.16 0.00	50.76 -0.10 0.00	46.63 0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	36.97 1.93 0.00	34.99 1.79 0.00	34.30 1.63 0.00	34.27 1.69 0.00	34.95 1.79 0.00	38.33 -0.12 0.00	50.71 0.40 0.00	57.01 0.56 0.00	55.01 0.97 0.00	45.33 0.49 0.00	46.65 0.42 0.00	47.35 0.79 0.00	45.50 0.80 0.00	47.70 0.89 0.00	50.30 1.18 0.00	56.12 1.69 0.00	62.73 2.35 0.00	77.55 3.27 0.00	69.79 2.68 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.56 2.18 0.00	52.54 1.68 0.00	47.93 1.49 0.00
BROWNSV1_27_KV_LOAD 356125	37.07 2.03 0.00	35.06 1.86 0.00	34.40 1.73 0.00	34.27 1.69 0.00	34.98 1.82 0.00	40.67 2.23 0.00	53.43 3.12 0.00	61.47 5.02 0.00	57.55 3.51 0.00	47.84 3.00 0.00	48.96 2.73 0.00	49.21 2.65 0.00	47.33 2.64 0.00	49.48 2.67 0.00	51.87 2.75 0.00	57.65 3.21 0.00	64.54 4.17 0.00	79.33 5.05 0.00	71.81 4.70 0.00	66.26 4.10 0.00	61.89 3.99 0.00	57.59 3.21 0.00	53.56 2.70 0.00	48.53 2.09 0.00
BURROWS___LYONSDAL 23803	35.67 0.63 0.00	33.83 0.63 0.00	33.22 0.56 0.00	33.20 0.62 0.00	33.85 0.70 0.00	38.83 0.38 0.00	51.16 0.86 0.00	57.68 1.24 0.00	55.28 1.24 0.00	45.65 0.81 0.00	46.97 0.74 0.00	47.63 1.07 0.00	45.72 1.03 0.00	47.89 1.08 0.00	50.35 1.23 0.00	56.29 1.85 0.00	62.97 2.60 0.00	77.62 3.34 0.00	69.93 2.82 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.39 2.01 0.00	52.29 1.42 0.00	47.74 1.30 0.00
CAITHNESS_CC_1 323624	36.34 1.30 0.00	34.19 1.00 0.00	33.58 0.91 0.00	33.49 0.91 0.00	34.45 1.29 0.00	40.29 1.85 0.00	52.72 2.41 0.00	60.17 3.72 0.00	55.66 1.62 0.00	46.68 1.84 0.00	47.48 1.25 0.00	47.58 1.02 0.00	46.17 1.47 0.00	48.96 2.15 0.00	51.92 2.80 0.00	57.87 3.43 0.00	65.20 4.83 0.00	79.48 5.20 -0.01	72.01 4.90 -0.01	66.39 4.23 0.00	62.36 4.46 -0.01	57.05 2.66 0.00	53.10 2.24 0.00	48.71 2.27 0.00
CALPINE BETH_PAGE_GT4 24209	36.86 1.82 0.00	34.76 1.56 0.00	34.30 1.63 0.00	34.18 1.60 0.00	34.85 1.69 0.00	40.67 2.23 0.00	52.87 2.57 0.00	61.47 5.02 0.00	56.68 2.65 0.00	47.58 2.74 0.00	48.22 1.99 0.00	48.51 1.96 0.00	46.97 2.28 0.00	49.20 2.39 0.00	51.63 2.51 0.00	57.16 2.72 0.00	64.36 3.98 0.00	79.49 5.20 -0.01	71.95 4.83 -0.01	66.20 4.04 0.00	62.13 4.23 -0.01	57.43 3.05 0.00	53.46 2.59 0.00	48.99 2.55 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.86 1.82 0.00	34.73 1.53 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.78 1.62 0.00	40.59 2.15 0.00	52.87 2.56 0.00	60.28 3.84 0.00	56.14 2.11 0.00	47.22 2.37 0.00	48.31 2.08 0.00	48.42 1.86 0.00	46.88 2.19 0.00	49.20 2.39 0.00	51.72 2.60 0.00	57.10 2.67 0.00	64.54 4.16 0.00	79.27 4.98 -0.01	71.75 4.63 -0.01	66.20 4.04 0.00	61.90 3.99 -0.01	57.05 2.66 0.00	53.16 2.29 0.00	48.99 2.55 0.00
CALPINE_BP_GT1 23823	36.86 1.82 0.00	34.73 1.53 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.78 1.62 0.00	40.59 2.15 0.00	52.87 2.56 0.00	60.28 3.84 0.00	56.14 2.11 0.00	47.22 2.37 0.00	48.31 2.08 0.00	48.42 1.86 0.00	46.88 2.19 0.00	49.20 2.39 0.00	51.72 2.60 0.00	57.10 2.67 0.00	64.54 4.16 0.00	79.27 4.98 -0.01	71.75 4.63 -0.01	66.20 4.04 0.00	61.90 3.99 -0.01	57.05 2.66 0.00	53.16 2.29 0.00	48.99 2.55 0.00
CALSPAN___DRP 24200	34.13 -0.91 0.00	32.54 -0.66 0.00	31.98 -0.69 0.00	32.03 -0.55 0.00	32.69 -0.46 0.00	37.71 -0.73 0.00	48.45 -1.86 0.00	52.49 -3.95 0.00	51.77 -2.27 0.00	43.23 -1.61 0.00	44.61 -1.62 0.00	45.49 -1.07 0.00	43.53 -1.16 0.00	45.73 -1.08 0.00	47.60 -1.52 0.00	53.13 -1.31 0.00	58.74 -1.63 0.00	73.53 -0.74 0.00	65.97 -1.14 0.00	60.60 -1.55 0.00	55.93 -1.97 0.00	52.42 -1.96 0.00	48.47 -2.39 0.00	45.23 -1.21 0.00

CALVERTON___SOLAR 323806	36.26 1.23 0.00	34.13 0.93 0.00	33.51 0.85 0.00	33.42 0.85 0.00	34.45 1.29 0.00	40.32 1.88 0.00	52.82 2.51 0.00	60.33 3.89 0.00	55.61 1.57 0.00	46.59 1.75 0.00	47.20 0.97 0.00	47.35 0.79 0.00	45.94 1.25 0.00	48.96 2.15 0.00	52.12 3.00 0.00	58.25 3.81 0.00	65.50 5.13 0.00	79.71 5.42 -0.01	72.22 5.10 -0.01	66.57 4.41 0.00	62.54 4.63 -0.01	57.05 2.66 0.00	53.10 2.24 0.00	48.67 2.23 0.00
CANDIGU_WT_PWR 323617	34.41 -0.63 0.00	32.67 -0.53 0.00	32.18 -0.49 0.00	32.19 -0.39 0.00	32.79 -0.36 0.00	37.90 -0.54 0.00	49.35 -0.96 0.00	55.03 -1.41 0.00	53.07 -0.97 0.00	44.17 -0.67 0.00	45.58 -0.65 0.00	46.28 -0.28 0.00	44.29 -0.40 0.00	46.53 -0.28 0.00	48.88 -0.24 0.00	54.17 -0.27 0.00	60.68 0.30 0.00	75.17 0.89 0.00	67.64 0.53 0.00	62.28 0.12 0.00	57.84 -0.06 0.00	53.67 -0.71 0.00	50.00 -0.86 0.00	46.25 -0.19 0.00
CARR STREET_E_SYR 24060	34.41 -0.63 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.66 -0.50 0.00	37.82 -0.62 0.00	49.60 -0.70 0.00	55.77 -0.67 0.00	53.33 -0.70 0.00	44.26 -0.58 0.00	45.63 -0.60 0.00	46.00 -0.56 0.00	44.11 -0.58 0.00	46.15 -0.66 0.00	48.29 -0.84 0.00	53.62 -0.82 0.00	59.83 -0.54 0.00	73.76 -0.52 0.00	66.50 -0.61 0.00	61.54 -0.62 0.00	57.26 -0.64 0.00	53.40 -0.98 0.00	49.74 -1.12 0.00	45.65 -0.79 0.00
CARTHAGE___PAPER 23857	35.57 0.53 0.00	33.70 0.50 0.00	33.06 0.39 0.00	33.07 0.49 0.00	33.72 0.56 0.00	39.40 0.96 0.00	50.81 0.50 0.00	57.17 0.73 0.00	54.95 0.92 0.00	45.16 0.32 0.00	46.46 0.23 0.00	47.12 0.56 0.00	45.23 0.54 0.00	47.47 0.66 0.00	49.96 0.83 0.00	56.02 1.58 0.00	62.79 2.42 0.00	77.54 3.26 0.00	69.80 2.69 0.00	64.77 2.61 0.00	60.09 2.20 0.00	56.28 1.90 0.00	51.98 1.12 0.00	47.42 0.98 0.00
CASSADAGA_WT_PWR 323784	34.24 -0.80 0.00	32.67 -0.53 0.00	32.27 -0.39 0.00	32.35 -0.23 0.00	33.13 -0.03 0.00	38.21 -0.23 0.00	49.35 -0.96 0.00	54.80 -1.64 0.00	53.44 -0.59 0.00	44.62 -0.22 0.00	46.14 -0.09 0.00	47.26 0.70 0.00	45.19 0.49 0.00	47.51 0.70 0.00	49.91 0.78 0.00	55.14 0.71 0.00	61.70 1.33 0.00	76.65 2.38 0.00	68.85 1.74 0.00	63.15 0.99 0.00	58.53 0.64 0.00	54.27 -0.11 0.00	50.36 -0.51 0.00	46.58 0.14 0.00
CE_DUNWOOD___DRP 24194	36.69 1.65 0.00	34.69 1.49 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.62 1.46 0.00	40.21 1.77 0.00	52.72 2.41 0.00	60.51 4.06 0.00	56.63 2.59 0.00	47.08 2.24 0.00	48.27 2.03 0.00	48.47 1.91 0.00	46.61 1.92 0.00	48.73 1.92 0.00	51.09 1.96 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.21 3.94 0.00	70.80 3.69 0.00	65.39 3.23 0.00	61.14 3.24 0.00	56.83 2.45 0.00	52.85 1.98 0.00	48.02 1.58 0.00
CE_MILLWOOD___DRP 24193	36.62 1.58 0.00	34.63 1.43 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.55 1.39 0.00	40.13 1.69 0.00	52.62 2.31 0.00	60.34 3.89 0.00	56.47 2.43 0.00	46.95 2.11 0.00	48.13 1.90 0.00	48.37 1.82 0.00	46.48 1.79 0.00	48.64 1.83 0.00	50.99 1.87 0.00	56.72 2.29 0.00	63.45 3.08 0.00	77.99 3.71 0.00	70.60 3.49 0.00	65.27 3.11 0.00	61.02 3.13 0.00	56.72 2.34 0.00	52.80 1.93 0.00	47.93 1.49 0.00
CE_NYC2_DRP 24202	37.00 1.96 0.00	35.03 1.83 -0.01	34.37 1.70 -0.01	34.28 1.69 -0.01	34.96 1.79 -0.01	40.59 2.15 0.00	53.28 2.97 0.00	61.25 4.80 -0.01	57.17 3.13 0.00	47.58 2.74 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.06 2.37 0.00	49.20 2.39 0.00	51.53 2.41 0.00	57.16 2.72 0.00	63.99 3.62 0.00	78.51 4.23 0.00	71.07 3.96 0.00	65.51 3.36 0.00	61.25 3.36 0.00	57.10 2.72 0.00	53.20 2.34 0.00	48.25 1.81 0.00
CE_NYC_DRP 24195	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.07 2.77 0.00	61.01 4.57 0.00	57.12 3.08 0.00	47.53 2.69 0.00	48.31 2.40 0.32	48.55 2.33 0.34	46.76 2.32 0.25	48.73 2.34 0.43	50.95 2.36 0.53	56.31 2.83 0.96	62.93 3.68 1.13	77.61 4.38 1.05	70.22 4.16 1.05	64.65 3.54 1.05	60.31 3.47 1.05	56.20 2.77 0.95	52.64 2.29 0.51	47.71 1.72 0.44
CHAFFEE___LFGE 323603	34.24 -0.80 0.00	32.64 -0.56 0.00	32.18 -0.49 0.00	32.22 -0.36 0.00	32.86 -0.30 0.00	37.79 -0.65 0.00	48.60 -1.71 0.00	53.73 -2.71 0.00	52.04 -2.00 0.00	43.32 -1.52 0.00	44.71 -1.52 0.00	45.63 -0.93 0.00	43.62 -1.07 0.00	45.87 -0.94 0.00	48.14 -0.98 0.00	53.19 -1.25 0.00	59.53 -0.85 0.00	73.83 -0.44 0.00	66.37 -0.74 0.00	60.85 -1.31 0.00	56.50 -1.39 0.00	52.53 -1.85 0.00	48.83 -2.04 0.00	45.33 -1.11 0.00
CHATEAUG_35_KV_LOAD 355732	35.78 0.74 0.00	33.73 0.53 0.00	33.09 0.42 0.00	32.81 0.23 0.00	33.46 0.30 0.00	38.59 0.15 0.00	50.56 0.25 0.00	55.82 -0.62 0.00	54.31 0.27 0.00	45.38 0.54 0.00	46.88 0.65 0.00	47.39 0.84 0.00	45.54 0.85 0.00	47.70 0.89 0.00	50.40 1.28 0.00	55.14 0.71 0.00	60.61 0.24 0.00	75.02 0.74 0.00	67.85 0.74 0.00	63.09 0.93 0.00	58.70 0.81 0.00	55.69 1.31 0.00	52.80 1.93 0.00	48.20 1.76 0.00
CHATEAUG_WT_PWR 323614	35.57 0.53 0.00	33.50 0.30 0.00	32.89 0.23 0.00	32.61 0.03 0.00	33.29 0.13 0.00	38.75 0.31 0.00	50.41 0.10 0.00	55.77 -0.67 0.00	54.63 0.60 0.00	45.24 0.40 0.00	46.74 0.51 0.00	47.26 0.70 0.00	45.41 0.71 0.00	47.56 0.75 0.00	50.20 1.08 0.00	55.58 1.14 0.00	60.37 0.00 0.00	74.58 0.30 0.00	67.51 0.41 0.00	62.72 0.56 0.00	58.35 0.46 0.00	55.96 1.58 0.00	52.54 1.68 0.00	47.93 1.49 0.00
CHAT_HIGH_FALL_HYD 323578	35.78 0.74 0.00	33.73 0.53 0.00	33.09 0.42 0.00	32.81 0.23 0.00	33.46 0.30 0.00	38.59 0.15 0.00	50.56 0.25 0.00	55.82 -0.62 0.00	54.31 0.27 0.00	45.38 0.54 0.00	46.88 0.65 0.00	47.39 0.84 0.00	45.54 0.85 0.00	47.70 0.89 0.00	50.40 1.28 0.00	55.14 0.71 0.00	60.61 0.24 0.00	75.02 0.74 0.00	67.85 0.74 0.00	63.09 0.93 0.00	58.70 0.81 0.00	55.69 1.31 0.00	52.80 1.93 0.00	48.20 1.76 0.00
CHAUTAUQUA___LFGE 323629	34.30 -0.74 0.00	32.74 -0.46 0.00	32.31 -0.36 0.00	32.35 -0.23 0.00	33.03 -0.13 0.00	38.06 -0.38 0.00	49.00 -1.31 0.00	54.30 -2.14 0.00	52.69 -1.35 0.00	43.94 -0.90 0.00	45.35 -0.88 0.00	46.42 -0.14 0.00	44.33 -0.36 0.00	46.62 -0.19 0.00	48.93 -0.20 0.00	54.06 -0.38 0.00	60.49 0.12 0.00	75.10 0.82 0.00	67.45 0.34 0.00	61.85 -0.31 0.00	57.37 -0.52 0.00	53.29 -1.09 0.00	49.49 -1.37 0.00	45.83 -0.61 0.00
CHERRYST_13_KV_LD 356241	36.93 1.89 0.00	34.93 1.73 0.00	34.27 1.60 0.00	34.14 1.56 0.00	34.85 1.69 0.00	40.48 2.04 0.00	53.23 2.92 0.00	61.24 4.80 0.00	57.33 3.30 0.00	47.66 2.82 0.00	48.45 2.54 0.32	48.69 2.47 0.34	46.90 2.46 0.25	48.87 2.48 0.43	51.15 2.55 0.53	56.47 2.99 0.96	63.11 3.86 1.13	77.90 4.68 1.05	70.42 4.36 1.05	64.84 3.73 1.05	60.49 3.65 1.05	56.37 2.94 0.95	52.79 2.44 0.51	47.85 1.86 0.44

CHESTROR_138KV_BK263 355645	36.34 1.30 0.00	34.40 1.20 0.00	33.78 1.11 0.00	33.69 1.11 0.00	34.32 1.16 0.00	39.82 1.38 0.00	52.22 1.91 0.00	59.60 3.16 0.00	55.93 1.89 0.00	46.45 1.61 0.00	47.66 1.43 0.00	47.91 1.35 0.00	45.99 1.30 0.00	48.12 1.31 0.00	50.40 1.28 0.00	56.18 1.74 0.00	62.91 2.54 0.00	77.17 2.90 0.00	69.93 2.82 0.00	64.71 2.55 0.00	60.50 2.61 0.00	56.18 1.79 0.00	52.34 1.48 0.00	47.60 1.16 0.00
CH_MIDHUDSON___DRP 24192	36.86 1.82 0.00	34.89 1.69 0.00	34.27 1.60 0.00	34.14 1.56 0.00	34.82 1.66 0.00	40.44 2.00 0.00	53.02 2.72 0.00	60.62 4.18 0.00	56.79 2.76 0.00	47.17 2.33 0.00	48.40 2.17 0.00	48.56 2.00 0.00	46.57 1.88 0.00	48.78 1.97 0.00	51.09 1.96 0.00	57.05 2.61 0.00	63.99 3.62 0.00	78.44 4.16 0.00	71.07 3.96 0.00	65.83 3.67 0.00	61.66 3.76 0.00	57.10 2.72 0.00	53.20 2.34 0.00	48.39 1.95 0.00
CH_MISC_IPPS 23765	37.04 2.00 0.00	35.06 1.86 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.95 1.79 0.00	40.55 2.11 0.00	53.17 2.87 0.00	60.39 3.95 0.00	56.74 2.70 0.00	47.30 2.46 0.00	48.54 2.31 0.00	48.65 2.10 0.00	46.61 1.92 0.00	48.78 1.97 0.00	51.09 1.97 0.00	56.94 2.51 0.00	64.06 3.68 0.00	78.81 4.53 0.00	71.47 4.36 0.00	66.14 3.98 0.00	61.83 3.94 0.00	57.15 2.77 0.00	53.31 2.44 0.00	48.62 2.18 0.00
CH_RES_BVR_FALLS 23983	34.90 -0.14 0.00	33.00 -0.20 0.00	32.44 -0.23 0.00	32.32 -0.26 0.00	32.89 -0.27 0.00	38.21 -0.23 0.00	50.01 -0.30 0.00	55.82 -0.62 0.00	53.93 -0.11 0.00	44.75 -0.09 0.00	46.23 0.00 0.00	46.60 0.05 0.00	44.78 0.09 0.00	46.95 0.14 0.00	49.32 0.20 0.00	54.60 0.16 0.00	60.01 -0.36 0.00	73.83 -0.44 0.00	66.71 -0.40 0.00	61.91 -0.25 0.00	57.61 -0.29 0.00	54.60 0.22 0.00	51.17 0.31 0.00	46.72 0.28 0.00
CH_RES_NIAGARA 23895	33.18 -1.86 0.00	31.71 -1.49 0.00	31.13 -1.54 0.00	31.21 -1.37 0.00	31.83 -1.33 0.00	36.63 -1.81 0.00	46.69 -3.62 0.00	50.23 -6.21 0.00	49.61 -4.43 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.62 -2.93 0.00	41.74 -2.95 0.00	43.86 -2.95 0.00	45.59 -3.54 0.00	50.79 -3.65 0.00	56.09 -4.29 0.00	70.12 -4.16 0.00	62.88 -4.23 0.00	57.81 -4.35 0.00	53.32 -4.57 0.00	50.09 -4.30 0.00	46.44 -4.43 0.00	43.42 -3.02 0.00
CH_RES_SYRACUSE 23985	34.44 -0.60 0.00	32.70 -0.50 0.00	32.18 -0.49 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.87 -0.58 0.00	49.71 -0.60 0.00	55.88 -0.56 0.00	53.44 -0.59 0.00	44.35 -0.49 0.00	45.72 -0.51 0.00	46.09 -0.47 0.00	44.16 -0.53 0.00	46.20 -0.61 0.00	48.48 -0.64 0.00	53.84 -0.60 0.00	60.13 -0.24 0.00	74.20 -0.07 0.00	66.91 -0.20 0.00	61.91 -0.25 0.00	57.61 -0.29 0.00	53.67 -0.71 0.00	50.05 -0.82 0.00	45.79 -0.65 0.00
CLINTON_WT_PWR 323605	35.57 0.53 0.00	33.50 0.30 0.00	32.89 0.23 0.00	32.61 0.03 0.00	33.29 0.13 0.00	38.75 0.31 0.00	50.41 0.10 0.00	55.77 -0.67 0.00	54.63 0.60 0.00	45.24 0.40 0.00	46.74 0.51 0.00	47.26 0.70 0.00	45.41 0.71 0.00	47.56 0.75 0.00	50.20 1.08 0.00	55.58 1.14 0.00	60.37 0.00 0.00	74.58 0.30 0.00	67.51 0.41 0.00	62.72 0.56 0.00	58.35 0.46 0.00	55.96 1.58 0.00	52.54 1.68 0.00	47.93 1.49 0.00
CLINTON___LFGE 323618	36.09 1.05 0.00	34.00 0.80 0.00	33.35 0.69 0.00	33.07 0.49 0.00	33.72 0.56 0.00	39.29 0.84 0.00	51.11 0.80 0.00	56.39 -0.06 0.00	55.44 1.40 0.00	45.87 1.03 0.00	47.39 1.16 0.00	47.91 1.35 0.00	46.03 1.34 0.00	48.21 1.40 0.00	50.99 1.87 0.00	56.56 2.12 0.00	61.28 0.91 0.00	75.84 1.56 0.00	68.52 1.41 0.00	63.77 1.61 0.00	59.28 1.39 0.00	56.94 2.56 0.00	53.46 2.59 0.00	48.71 2.27 0.00
COBBLENY_34_KV_TB1 80064	34.20 -0.84 0.00	32.60 -0.60 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.76 -0.40 0.00	37.79 -0.65 0.00	48.60 -1.71 0.00	52.60 -3.84 0.00	51.88 -2.16 0.00	43.32 -1.52 0.00	44.71 -1.53 0.00	45.58 -0.98 0.00	43.62 -1.07 0.00	45.83 -0.98 0.00	47.70 -1.42 0.00	53.24 -1.20 0.00	58.92 -1.45 0.00	73.83 -0.45 0.00	66.17 -0.94 0.00	60.79 -1.37 0.00	56.10 -1.79 0.00	52.53 -1.85 0.00	48.63 -2.24 0.00	45.33 -1.11 0.00
COFFEEN___115KV_TB3 355620	35.50 0.46 0.00	33.67 0.46 0.00	32.99 0.33 0.00	33.07 0.49 0.00	33.72 0.56 0.00	38.52 0.08 0.00	51.01 0.70 0.00	57.57 1.13 0.00	55.23 1.19 0.00	45.38 0.54 0.00	46.69 0.46 0.00	47.25 0.70 0.00	45.36 0.67 0.00	47.61 0.80 0.00	50.11 0.98 0.00	56.29 1.85 0.00	63.27 2.90 0.00	78.14 3.86 0.00	70.33 3.22 0.00	65.14 2.98 0.00	60.50 2.61 0.00	56.45 2.07 0.00	52.08 1.22 0.00	47.55 1.11 0.00
COLDSPRG_115KV_BK1 355956	34.97 -0.07 0.00	33.30 0.10 0.00	32.83 0.16 0.00	32.87 0.29 0.00	33.62 0.46 0.00	38.83 0.38 0.00	50.21 -0.10 0.00	54.75 -1.69 0.00	53.98 -0.05 0.00	45.11 0.27 0.00	46.55 0.32 0.00	47.58 1.02 0.00	45.54 0.85 0.00	47.84 1.03 0.00	49.91 0.79 0.00	55.58 1.14 0.00	61.64 1.27 0.00	77.25 2.97 0.00	69.26 2.15 0.00	63.65 1.49 0.00	58.65 0.75 0.00	54.82 0.44 0.00	50.61 -0.25 0.00	47.09 0.65 0.00
COLONIE_LFGE___ 323577	36.37 1.33 0.00	34.43 1.23 0.00	33.87 1.21 0.00	33.79 1.21 0.00	34.42 1.26 0.00	39.94 1.50 0.00	52.42 2.11 0.00	59.21 2.76 0.00	56.04 2.00 0.00	46.32 1.48 0.00	47.94 1.71 0.00	48.09 1.53 0.00	46.21 1.52 0.00	48.45 1.64 0.00	50.84 1.72 0.00	56.56 2.12 0.00	63.21 2.84 0.00	77.70 3.42 0.00	70.20 3.09 0.00	65.08 2.92 0.00	60.62 2.72 0.00	56.56 2.18 0.00	52.80 1.93 0.00	48.06 1.62 0.00
COOPERNY_115KV_TB1 80082	35.95 0.91 0.00	34.03 0.83 0.00	33.45 0.78 0.00	33.36 0.78 0.00	33.99 0.83 0.00	39.44 1.00 0.00	51.67 1.36 0.00	58.70 2.26 0.00	55.39 1.35 0.00	46.01 1.17 0.00	47.25 1.02 0.00	47.53 0.98 0.00	45.63 0.94 0.00	47.75 0.94 0.00	50.06 0.93 0.00	55.74 1.31 0.00	62.24 1.87 0.00	76.51 2.23 0.00	69.19 2.08 0.00	64.02 1.86 0.00	59.75 1.85 0.00	55.69 1.31 0.00	51.88 1.02 0.00	47.28 0.84 0.00
COPENHAGEN_WT_PWR 323753	35.22 0.18 0.00	33.40 0.20 0.00	32.76 0.10 0.00	32.81 0.23 0.00	33.42 0.26 0.00	39.02 0.58 0.00	50.66 0.35 0.00	57.06 0.62 0.00	54.74 0.70 0.00	45.02 0.18 0.00	46.32 0.09 0.00	46.88 0.33 0.00	45.01 0.32 0.00	47.23 0.42 0.00	49.66 0.54 0.00	55.74 1.30 0.00	62.61 2.24 0.00	77.25 2.97 0.00	69.52 2.41 0.00	64.46 2.30 0.00	59.80 1.91 0.00	55.85 1.47 0.00	51.58 0.71 0.00	47.04 0.60 0.00
CORNELL_____ 23752	35.50 0.46 0.00	33.63 0.43 0.00	33.06 0.39 0.00	33.00 0.42 0.00	33.66 0.50 0.00	39.09 0.65 0.00	51.31 1.01 0.00	57.23 0.79 0.00	54.96 0.92 0.00	45.47 0.63 0.00	46.83 0.60 0.00	47.21 0.65 0.00	45.27 0.58 0.00	47.32 0.51 0.00	49.61 0.49 0.00	55.36 0.93 0.00	61.88 1.51 0.00	77.25 2.97 0.00	69.59 2.48 0.00	64.33 2.18 0.00	59.75 1.85 0.00	55.69 1.31 0.00	51.63 0.76 0.00	47.37 0.93 0.00

CORONA_69_KV_TB1 355595	36.93 1.89 0.00	34.83 1.63 0.00	34.33 1.67 0.00	34.21 1.63 0.00	34.89 1.72 0.00	40.68 2.23 0.00	52.97 2.67 0.00	61.47 5.02 0.00	56.85 2.81 0.00	47.67 2.82 0.00	48.40 2.17 0.00	48.70 2.14 0.00	47.11 2.41 0.00	49.29 2.48 0.00	51.68 2.55 0.00	57.48 3.05 0.00	64.72 4.35 0.00	79.86 5.57 -0.02	72.23 5.10 -0.02	66.63 4.48 0.00	62.42 4.52 -0.02	57.81 3.43 0.00	53.61 2.75 0.00	49.05 2.60 0.00
CORTLAND_115KV_TB3 80093	35.25 0.21 0.00	33.43 0.23 0.00	32.86 0.20 0.00	32.81 0.23 0.00	33.42 0.27 0.00	38.79 0.35 0.00	50.86 0.55 0.00	57.01 0.56 0.00	54.69 0.65 0.00	45.29 0.45 0.00	46.65 0.42 0.00	47.02 0.47 0.00	45.10 0.40 0.00	47.18 0.37 0.00	49.47 0.34 0.00	55.14 0.71 0.00	61.58 1.21 0.00	76.21 1.93 0.00	68.65 1.54 0.00	63.46 1.31 0.00	58.99 1.10 0.00	55.03 0.65 0.00	51.17 0.31 0.00	46.90 0.46 0.00
COXSACKIE___GT 23611	37.53 2.49 0.00	35.66 2.46 0.00	34.98 2.32 0.00	34.89 2.31 0.00	35.51 2.35 0.00	41.36 2.92 0.00	54.28 3.97 0.00	61.12 4.68 0.00	57.50 3.46 0.00	47.30 2.46 0.00	48.59 2.36 0.00	48.60 2.05 0.00	46.35 1.65 0.00	48.59 1.78 0.00	51.19 2.06 0.00	57.70 3.27 0.00	65.26 4.89 0.00	80.37 6.09 0.00	72.94 5.84 0.00	67.75 5.60 0.00	63.28 5.38 0.00	58.41 4.02 0.00	54.32 3.46 0.00	49.79 3.35 0.00
CPV_VALLEY___CC1 323721	36.06 1.02 0.00	34.13 0.93 0.00	33.48 0.82 0.00	33.39 0.81 0.00	34.05 0.90 0.00	39.44 1.00 0.00	51.67 1.36 0.00	58.64 2.20 0.00	55.22 1.19 0.00	46.05 1.21 0.00	47.34 1.11 0.00	47.54 0.98 0.00	45.63 0.94 0.00	47.75 0.94 0.00	50.01 0.89 0.00	55.52 1.09 0.00	62.18 1.81 0.00	76.50 2.23 0.00	69.26 2.15 0.00	64.02 1.86 0.00	59.75 1.85 0.00	55.53 1.14 0.00	51.83 0.96 0.00	47.23 0.79 0.00
CPV_VALLEY___CC2 323722	36.06 1.02 0.00	34.13 0.93 0.00	33.48 0.82 0.00	33.39 0.81 0.00	34.05 0.90 0.00	39.44 1.00 0.00	51.67 1.36 0.00	58.64 2.20 0.00	55.22 1.19 0.00	46.05 1.21 0.00	47.34 1.11 0.00	47.54 0.98 0.00	45.63 0.94 0.00	47.75 0.94 0.00	50.01 0.89 0.00	55.52 1.09 0.00	62.18 1.81 0.00	76.50 2.23 0.00	69.26 2.15 0.00	64.02 1.86 0.00	59.75 1.85 0.00	55.53 1.14 0.00	51.83 0.96 0.00	47.23 0.79 0.00
CRESCENT___HYD 24018	36.37 1.33 0.00	34.43 1.23 0.00	33.87 1.21 0.00	33.79 1.21 0.00	34.42 1.26 0.00	39.94 1.50 0.00	52.42 2.11 0.00	59.21 2.76 0.00	56.04 2.00 0.00	46.32 1.48 0.00	47.94 1.71 0.00	48.09 1.53 0.00	46.21 1.52 0.00	48.45 1.64 0.00	50.84 1.72 0.00	56.56 2.12 0.00	63.21 2.84 0.00	77.70 3.42 0.00	70.20 3.09 0.00	65.08 2.92 0.00	60.62 2.72 0.00	56.56 2.18 0.00	52.80 1.93 0.00	48.06 1.62 0.00
CRICKET___VALLEY_CC1 323756	36.41 1.37 0.00	34.43 1.23 0.00	33.81 1.14 0.00	33.69 1.11 0.00	34.35 1.19 0.00	39.82 1.38 0.00	52.27 1.96 0.00	59.32 2.88 0.00	55.82 1.78 0.00	46.50 1.66 0.00	47.89 1.66 0.00	48.05 1.49 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.60 1.47 0.00	56.18 1.74 0.00	62.97 2.59 0.00	77.40 3.12 0.00	70.06 2.95 0.00	64.77 2.61 0.00	60.50 2.61 0.00	56.17 1.79 0.00	52.49 1.63 0.00	47.74 1.30 0.00
CRICKET___VALLEY_CC2 323757	36.41 1.37 0.00	34.43 1.23 0.00	33.81 1.14 0.00	33.69 1.11 0.00	34.35 1.19 0.00	39.82 1.38 0.00	52.27 1.96 0.00	59.32 2.88 0.00	55.82 1.78 0.00	46.50 1.66 0.00	47.89 1.66 0.00	48.05 1.49 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.60 1.47 0.00	56.18 1.74 0.00	62.97 2.59 0.00	77.40 3.12 0.00	70.06 2.95 0.00	64.77 2.61 0.00	60.50 2.61 0.00	56.17 1.79 0.00	52.49 1.63 0.00	47.74 1.30 0.00
CRICKET___VALLEY_CC3 323758	36.41 1.37 0.00	34.43 1.23 0.00	33.81 1.14 0.00	33.69 1.11 0.00	34.35 1.19 0.00	39.82 1.38 0.00	52.27 1.96 0.00	59.32 2.88 0.00	55.82 1.78 0.00	46.50 1.66 0.00	47.89 1.66 0.00	48.05 1.49 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.60 1.47 0.00	56.18 1.74 0.00	62.97 2.59 0.00	77.40 3.12 0.00	70.06 2.95 0.00	64.77 2.61 0.00	60.50 2.61 0.00	56.17 1.79 0.00	52.49 1.63 0.00	47.74 1.30 0.00
CRUCIBLE_METL_DRP 24180	34.44 -0.60 0.00	32.70 -0.50 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.70 -0.60 0.00	55.76 -0.68 0.00	53.50 -0.54 0.00	44.35 -0.49 0.00	45.72 -0.51 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.44 -0.69 0.00	53.89 -0.54 0.00	60.01 -0.36 0.00	74.13 -0.15 0.00	66.84 -0.27 0.00	61.85 -0.31 0.00	57.49 -0.41 0.00	53.73 -0.65 0.00	50.00 -0.86 0.00	45.79 -0.65 0.00
DAHOWA___HYDRO 323763	36.69 1.65 0.00	34.70 1.50 0.00	34.14 1.47 0.00	34.05 1.47 0.00	34.72 1.56 0.00	40.25 1.81 0.00	52.97 2.66 0.00	59.83 3.39 0.00	56.52 2.49 0.00	46.50 1.66 0.00	48.03 1.80 0.00	48.19 1.63 0.00	46.26 1.56 0.00	48.54 1.73 0.00	51.09 1.97 0.00	57.10 2.67 0.00	63.81 3.44 0.00	78.51 4.23 0.00	70.87 3.76 0.00	65.76 3.60 0.00	61.19 3.30 0.00	57.26 2.88 0.00	53.31 2.44 0.00	48.58 2.14 0.00
DANC___LFGE 323619	34.66 -0.38 0.00	32.87 -0.33 0.00	32.31 -0.36 0.00	32.29 -0.29 0.00	32.89 -0.27 0.00	38.33 -0.11 0.00	49.90 -0.40 0.00	56.22 -0.22 0.00	53.88 -0.16 0.00	44.44 -0.40 0.00	45.72 -0.51 0.00	46.23 -0.32 0.00	44.33 -0.36 0.00	46.48 -0.33 0.00	48.88 -0.24 0.00	54.60 0.16 0.00	61.22 0.84 0.00	75.54 1.26 0.00	68.05 0.94 0.00	63.03 0.87 0.00	58.53 0.64 0.00	54.65 0.27 0.00	50.61 -0.25 0.00	46.21 -0.23 0.00
DANSKAMMER___1 23586	37.04 2.00 0.00	35.06 1.86 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.95 1.79 0.00	40.55 2.11 0.00	53.17 2.87 0.00	60.39 3.95 0.00	56.74 2.70 0.00	47.30 2.46 0.00	48.54 2.31 0.00	48.65 2.10 0.00	46.61 1.92 0.00	48.78 1.97 0.00	51.09 1.97 0.00	56.94 2.51 0.00	64.06 3.68 0.00	78.81 4.53 0.00	71.47 4.36 0.00	66.14 3.98 0.00	61.83 3.94 0.00	57.15 2.77 0.00	53.31 2.44 0.00	48.62 2.18 0.00
DANSKAMMER___2 23589	37.04 2.00 0.00	35.06 1.86 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.95 1.79 0.00	40.55 2.11 0.00	53.17 2.87 0.00	60.39 3.95 0.00	56.74 2.70 0.00	47.30 2.46 0.00	48.54 2.31 0.00	48.65 2.10 0.00	46.61 1.92 0.00	48.78 1.97 0.00	51.09 1.97 0.00	56.94 2.51 0.00	64.06 3.68 0.00	78.81 4.53 0.00	71.47 4.36 0.00	66.14 3.98 0.00	61.83 3.94 0.00	57.15 2.77 0.00	53.31 2.44 0.00	48.62 2.18 0.00
DANSKAMMER___3 23590	37.04 2.00 0.00	35.06 1.86 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.95 1.79 0.00	40.55 2.11 0.00	53.17 2.87 0.00	60.39 3.95 0.00	56.74 2.70 0.00	47.30 2.46 0.00	48.54 2.31 0.00	48.65 2.10 0.00	46.61 1.92 0.00	48.78 1.97 0.00	51.09 1.97 0.00	56.94 2.51 0.00	64.06 3.68 0.00	78.81 4.53 0.00	71.47 4.36 0.00	66.14 3.98 0.00	61.83 3.94 0.00	57.15 2.77 0.00	53.31 2.44 0.00	48.62 2.18 0.00

DANSKAMMER___4 23591	37.04 2.00 0.00	35.06 1.86 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.95 1.79 0.00	40.55 2.11 0.00	53.17 2.87 0.00	60.39 3.95 0.00	56.74 2.70 0.00	47.30 2.46 0.00	48.54 2.31 0.00	48.65 2.10 0.00	46.61 1.92 0.00	48.78 1.97 0.00	51.09 1.97 0.00	56.94 2.51 0.00	64.06 3.68 0.00	78.81 4.53 0.00	71.47 4.36 0.00	66.14 3.98 0.00	61.83 3.94 0.00	57.15 2.77 0.00	53.31 2.44 0.00	48.62 2.18 0.00
DANSKAMMER___DIESEL 23592	37.04 2.00 0.00	35.09 1.89 0.00	34.43 1.76 0.00	34.31 1.73 0.00	34.98 1.82 0.00	40.63 2.19 0.00	53.28 2.97 0.00	60.84 4.40 0.00	57.01 2.97 0.00	47.35 2.51 0.00	48.54 2.31 0.00	48.70 2.14 0.00	46.66 1.97 0.00	48.82 2.01 0.00	51.19 2.06 0.00	57.21 2.78 0.00	64.24 3.86 0.00	78.73 4.46 0.00	71.40 4.29 0.00	66.20 4.04 0.00	62.00 4.11 0.00	57.37 2.99 0.00	53.41 2.54 0.00	48.62 2.18 0.00
DARBY___SOLAR 323810	36.62 1.58 0.00	34.63 1.43 0.00	34.07 1.40 0.00	33.98 1.40 0.00	34.65 1.49 0.00	40.17 1.73 0.00	52.82 2.51 0.00	59.66 3.22 0.00	56.41 2.37 0.00	46.41 1.57 0.00	47.99 1.76 0.00	48.09 1.53 0.00	46.21 1.52 0.00	48.45 1.64 0.00	51.04 1.91 0.00	56.94 2.51 0.00	63.69 3.32 0.00	78.29 4.01 0.00	70.73 3.62 0.00	65.57 3.42 0.00	61.08 3.18 0.00	57.10 2.72 0.00	53.16 2.29 0.00	48.48 2.04 0.00
DASHVILLE___HYD 23610	37.46 2.42 0.00	35.52 2.32 0.00	34.79 2.12 0.00	34.66 2.09 0.00	35.35 2.19 0.00	41.13 2.69 0.00	53.93 3.62 0.00	61.47 5.02 0.00	57.50 3.46 0.00	47.80 2.96 0.00	48.82 2.59 0.00	48.93 2.37 0.00	46.75 2.06 0.00	48.96 2.15 0.00	51.24 2.11 0.00	57.59 3.16 0.00	64.90 4.53 0.00	79.40 5.13 0.00	72.08 4.97 0.00	67.01 4.85 0.00	62.87 4.98 0.00	57.86 3.48 0.00	53.92 3.05 0.00	49.13 2.69 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.30 1.26 0.00	34.16 0.96 0.00	34.07 1.40 0.00	34.01 1.43 0.00	34.62 1.46 0.00	40.36 1.92 0.00	52.42 2.11 0.00	62.42 5.98 0.00	56.25 2.22 0.00	47.04 2.20 0.00	47.06 0.83 0.00	47.49 0.93 0.00	46.21 1.52 0.00	48.96 2.15 0.00	52.41 3.29 0.00	58.41 3.97 0.00	64.96 4.59 0.00	80.53 6.24 -0.01	73.02 5.91 -0.01	67.01 4.85 0.00	63.23 5.33 -0.01	58.08 3.70 0.00	53.71 2.85 0.00	49.27 2.83 0.00
DELAWARE___LFGE 323621	35.99 0.95 0.00	34.10 0.90 0.00	33.55 0.88 0.00	33.52 0.94 0.00	34.09 0.93 0.00	39.59 1.15 0.00	51.87 1.56 0.00	58.76 2.31 0.00	55.87 1.84 0.00	46.23 1.39 0.00	47.57 1.34 0.00	47.91 1.35 0.00	45.99 1.30 0.00	48.12 1.31 0.00	50.50 1.38 0.00	56.34 1.91 0.00	62.97 2.60 0.00	77.17 2.90 0.00	69.73 2.62 0.00	64.58 2.42 0.00	60.15 2.26 0.00	56.12 1.74 0.00	52.24 1.37 0.00	47.69 1.25 0.00
DERFIELD_115KV_TB7 355931	35.11 0.07 0.00	33.27 0.07 0.00	32.73 0.07 0.00	32.68 0.10 0.00	33.22 0.07 0.00	38.52 0.08 0.00	50.46 0.15 0.00	56.78 0.34 0.00	54.20 0.16 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.65 0.09 0.00	44.78 0.09 0.00	46.95 0.14 0.00	49.27 0.15 0.00	54.65 0.22 0.00	60.80 0.42 0.00	74.72 0.45 0.00	67.51 0.40 0.00	62.53 0.37 0.00	58.24 0.35 0.00	54.65 0.27 0.00	51.02 0.15 0.00	46.53 0.09 0.00
DOGLEVILLE___HYD 23807	35.29 0.25 0.00	33.33 0.13 0.00	32.76 0.10 0.00	32.71 0.13 0.00	33.29 0.13 0.00	38.63 0.19 0.00	50.66 0.35 0.00	57.06 0.62 0.00	54.52 0.49 0.00	45.29 0.45 0.00	46.74 0.51 0.00	47.12 0.56 0.00	45.27 0.58 0.00	47.42 0.61 0.00	49.81 0.69 0.00	55.47 1.03 0.00	61.82 1.45 0.00	76.14 1.86 0.00	68.72 1.61 0.00	63.71 1.55 0.00	59.40 1.50 0.00	55.68 1.30 0.00	51.98 1.12 0.00	47.46 1.02 0.00
DUNKIRK___115KV_TB_200 55889	34.27 -0.77 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.22 -0.36 0.00	32.93 -0.23 0.00	38.02 -0.42 0.00	48.90 -1.41 0.00	53.00 -3.44 0.00	52.42 -1.62 0.00	43.81 -1.03 0.00	45.21 -1.02 0.00	46.23 -0.33 0.00	44.20 -0.49 0.00	46.44 -0.37 0.00	48.34 -0.79 0.00	53.95 -0.49 0.00	59.65 -0.72 0.00	74.80 0.52 0.00	67.04 -0.07 0.00	61.60 -0.56 0.00	56.79 -1.10 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.74 -0.70 0.00
DUNKIRK___1 23563	34.27 -0.77 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.22 -0.36 0.00	32.93 -0.23 0.00	38.02 -0.42 0.00	48.90 -1.41 0.00	53.00 -3.44 0.00	52.42 -1.62 0.00	43.81 -1.03 0.00	45.21 -1.02 0.00	46.23 -0.33 0.00	44.20 -0.49 0.00	46.44 -0.37 0.00	48.34 -0.79 0.00	53.95 -0.49 0.00	59.65 -0.72 0.00	74.80 0.52 0.00	67.04 -0.07 0.00	61.60 -0.56 0.00	56.79 -1.10 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.74 -0.70 0.00
DUNKIRK___2 23564	34.27 -0.77 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.22 -0.36 0.00	32.93 -0.23 0.00	38.02 -0.42 0.00	48.90 -1.41 0.00	53.00 -3.44 0.00	52.42 -1.62 0.00	43.81 -1.03 0.00	45.21 -1.02 0.00	46.23 -0.33 0.00	44.20 -0.49 0.00	46.44 -0.37 0.00	48.34 -0.79 0.00	53.95 -0.49 0.00	59.65 -0.72 0.00	74.80 0.52 0.00	67.04 -0.07 0.00	61.60 -0.56 0.00	56.79 -1.10 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.74 -0.70 0.00
DUNKIRK___3 23565	34.20 -0.84 0.00	32.60 -0.60 0.00	32.08 -0.59 0.00	32.16 -0.42 0.00	32.83 -0.33 0.00	37.90 -0.54 0.00	48.75 -1.56 0.00	52.89 -3.56 0.00	52.20 -1.84 0.00	43.63 -1.21 0.00	45.03 -1.20 0.00	46.00 -0.56 0.00	43.98 -0.72 0.00	46.25 -0.56 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.41 -0.97 0.00	74.43 0.15 0.00	66.71 -0.40 0.00	61.29 -0.87 0.00	56.50 -1.39 0.00	52.91 -1.47 0.00	48.93 -1.93 0.00	45.56 -0.88 0.00
DUNKIRK___4 23566	34.20 -0.84 0.00	32.60 -0.60 0.00	32.08 -0.59 0.00	32.16 -0.42 0.00	32.83 -0.33 0.00	37.90 -0.54 0.00	48.75 -1.56 0.00	52.89 -3.56 0.00	52.20 -1.84 0.00	43.63 -1.21 0.00	45.03 -1.20 0.00	46.00 -0.56 0.00	43.98 -0.72 0.00	46.25 -0.56 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.41 -0.97 0.00	74.43 0.15 0.00	66.71 -0.40 0.00	61.29 -0.87 0.00	56.50 -1.39 0.00	52.91 -1.47 0.00	48.93 -1.93 0.00	45.56 -0.88 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.72 1.68 0.00	34.73 1.53 0.00	34.13 1.47 0.00	34.01 1.43 0.00	34.68 1.53 0.00	40.29 1.85 0.00	52.87 2.57 0.00	60.68 4.23 0.00	56.79 2.76 0.00	47.22 2.38 0.00	48.36 2.13 0.00	48.60 2.05 0.00	46.70 2.01 0.00	48.87 2.06 0.00	51.24 2.11 0.00	56.99 2.56 0.00	63.81 3.44 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.58 3.42 0.00	61.25 3.36 0.00	56.99 2.61 0.00	53.00 2.14 0.00	48.11 1.67 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.72 1.68 0.00	34.76 1.56 0.00	34.13 1.47 0.00	34.01 1.43 0.00	34.68 1.53 0.00	40.29 1.85 0.00	52.77 2.47 0.00	60.28 3.84 0.00	56.47 2.43 0.00	46.95 2.11 0.00	48.08 1.85 0.00	48.28 1.72 0.00	46.30 1.61 0.00	48.45 1.64 0.00	50.79 1.67 0.00	56.67 2.23 0.00	63.57 3.20 0.00	77.99 3.71 0.00	70.67 3.56 0.00	65.45 3.29 0.00	61.31 3.42 0.00	56.77 2.39 0.00	52.90 2.03 0.00	48.11 1.67 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.11 2.07 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.48 3.17 0.00	61.30 4.85 -0.01	56.90 2.86 0.00	47.35 2.51 0.00	48.45 2.22 0.00	48.70 2.14 0.00	46.79 2.10 0.00	48.92 2.11 0.00	51.24 2.11 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.20 3.05 0.00	60.96 3.07 0.00	56.88 2.50 0.00	53.15 2.29 0.00	48.20 1.76 0.00
E179THST_13_KV_LOAD 356214	37.25 2.21 0.00	35.27 2.06 -0.01	34.63 1.96 -0.01	34.54 1.95 -0.01	35.26 2.09 -0.01	40.94 2.50 0.00	53.73 3.42 0.00	61.59 5.14 -0.01	57.17 3.13 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.48 2.36 0.00	57.10 2.67 0.00	63.93 3.56 0.00	78.51 4.23 0.00	71.14 4.03 0.00	65.51 3.36 0.00	61.25 3.36 0.00	57.21 2.83 0.00	53.41 2.54 0.00	48.39 1.95 0.00
EAST HAMPTON___GT 23717	35.99 0.95 0.00	33.86 0.66 0.00	33.22 0.55 0.00	33.17 0.59 0.00	34.22 1.06 0.00	40.02 1.58 0.00	52.57 2.27 0.00	60.22 3.78 0.00	55.28 1.24 0.00	46.32 1.48 0.00	46.74 0.51 0.00	47.16 0.60 0.00	45.94 1.25 0.00	49.20 2.39 0.00	52.47 3.34 0.00	58.68 4.25 0.00	65.92 5.55 0.00	80.38 6.09 -0.01	72.76 5.64 -0.01	67.07 4.91 0.00	63.41 5.50 -0.01	57.91 3.53 0.00	53.92 3.05 0.00	49.55 3.11 0.00
EAST RIVER___6 23660	36.72 1.68 0.00	34.73 1.53 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.58 1.42 0.00	40.17 1.73 0.00	52.77 2.46 0.00	60.28 3.84 0.00	56.68 2.65 0.00	47.39 2.55 0.00	48.27 2.36 0.32	48.45 2.23 0.34	46.67 2.23 0.25	48.68 2.29 0.43	50.75 2.16 0.53	55.87 2.39 0.96	62.56 3.32 1.13	77.23 4.01 1.05	69.82 3.76 1.05	64.28 3.17 1.05	59.96 3.12 1.05	55.66 2.23 0.95	52.39 2.04 0.51	47.62 1.62 0.44
EAST RIVER___7 23524	36.72 1.68 0.00	34.73 1.53 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.58 1.42 0.00	40.17 1.73 0.00	52.77 2.46 0.00	60.28 3.84 0.00	56.68 2.65 0.00	47.39 2.55 0.00	48.27 2.36 0.32	48.45 2.23 0.34	46.67 2.23 0.25	48.68 2.29 0.43	50.75 2.16 0.53	55.87 2.39 0.96	62.56 3.32 1.13	77.23 4.01 1.05	69.82 3.76 1.05	64.28 3.17 1.05	59.96 3.12 1.05	55.66 2.23 0.95	52.39 2.04 0.51	47.62 1.62 0.44
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.69 1.65 0.00	34.69 1.49 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.62 1.46 0.00	40.21 1.77 0.00	52.72 2.41 0.00	60.51 4.06 0.00	56.63 2.59 0.00	47.08 2.24 0.00	48.27 2.03 0.00	48.47 1.91 0.00	46.61 1.92 0.00	48.73 1.92 0.00	51.09 1.96 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.21 3.94 0.00	70.80 3.69 0.00	65.39 3.23 0.00	61.14 3.24 0.00	56.83 2.45 0.00	52.85 1.98 0.00	48.02 1.58 0.00
EAST_HAMPTON___DIESEL 23722	35.92 0.88 0.00	33.76 0.56 0.00	33.16 0.49 0.00	33.10 0.52 0.00	34.15 0.99 0.00	39.94 1.50 0.00	52.47 2.16 0.00	60.11 3.67 0.00	55.17 1.14 0.00	46.23 1.39 0.00	46.65 0.42 0.00	47.12 0.56 0.00	45.90 1.21 0.00	49.10 2.29 0.00	52.41 3.29 0.00	58.57 4.14 0.00	65.81 5.44 0.00	80.23 5.94 -0.01	72.62 5.50 -0.01	66.94 4.79 0.00	63.29 5.38 -0.01	57.87 3.48 0.00	53.86 3.00 0.00	49.50 3.06 0.00
EAST_POINT___SOLAR 323840	37.46 2.42 0.00	35.46 2.26 0.00	34.89 2.22 0.00	34.83 2.25 0.00	35.55 2.39 0.00	41.52 3.08 0.00	54.68 4.37 0.00	61.75 5.30 0.00	58.09 4.05 0.00	47.17 2.33 0.00	48.59 2.36 0.00	48.05 1.49 0.00	46.03 1.34 0.00	48.78 1.97 0.00	51.38 2.26 0.00	58.03 3.59 0.00	65.69 5.31 0.00	80.89 6.61 0.00	73.08 5.97 0.00	68.00 5.84 0.00	63.22 5.32 0.00	58.73 4.35 0.00	54.78 3.92 0.00	49.92 3.48 0.00
EAST_PULASKI___ESR 323781	34.20 -0.84 0.00	32.47 -0.73 0.00	31.91 -0.75 0.00	31.89 -0.69 0.00	32.46 -0.70 0.00	37.71 -0.73 0.00	49.30 -1.01 0.00	55.48 -0.96 0.00	53.12 -0.92 0.00	43.94 -0.90 0.00	45.26 -0.97 0.00	45.67 -0.89 0.00	43.80 -0.89 0.00	45.87 -0.94 0.00	48.19 -0.93 0.00	53.62 -0.82 0.00	60.01 -0.36 0.00	73.98 -0.30 0.00	66.71 -0.40 0.00	61.79 -0.37 0.00	57.43 -0.47 0.00	53.57 -0.81 0.00	49.79 -1.07 0.00	45.51 -0.93 0.00
EAST_RIVER___1 323558	36.83 1.79 0.00	34.83 1.63 0.00	34.10 1.44 0.00	33.98 1.40 0.00	34.72 1.56 0.00	40.25 1.81 0.00	52.87 2.56 0.00	60.33 3.89 0.00	56.68 2.65 0.00	47.44 2.60 0.00	48.27 2.36 0.32	48.45 2.23 0.34	46.67 2.23 0.25	48.68 2.29 0.43	50.75 2.16 0.53	55.87 2.39 0.96	62.56 3.32 1.13	77.23 4.01 1.05	69.88 3.82 1.05	64.34 3.23 1.05	60.02 3.18 1.05	55.77 2.34 0.95	52.49 2.14 0.51	47.71 1.72 0.44
EAST_RIVER___2 323559	36.72 1.68 0.00	34.73 1.53 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.58 1.42 0.00	40.17 1.73 0.00	52.77 2.46 0.00	60.28 3.84 0.00	56.68 2.65 0.00	47.39 2.55 0.00	48.27 2.36 0.32	48.45 2.23 0.34	46.67 2.23 0.25	48.68 2.29 0.43	50.75 2.16 0.53	55.87 2.39 0.96	62.56 3.32 1.13	77.23 4.01 1.05	69.82 3.76 1.05	64.28 3.17 1.05	59.96 3.12 1.05	55.66 2.23 0.95	52.39 2.04 0.51	47.62 1.62 0.44
EAST___DELAWARE_HYD 23607	37.04 2.00 0.00	35.09 1.89 0.00	34.36 1.70 0.00	34.27 1.69 0.00	34.95 1.79 0.00	40.59 2.15 0.00	53.22 2.92 0.00	60.33 3.89 0.00	56.68 2.65 0.00	47.21 2.37 0.00	48.31 2.08 0.00	48.47 1.91 0.00	46.30 1.61 0.00	48.49 1.68 0.00	50.79 1.67 0.00	56.83 2.39 0.00	64.06 3.68 0.00	78.88 4.61 0.00	71.61 4.50 0.00	66.32 4.17 0.00	62.00 4.11 0.00	57.21 2.83 0.00	53.31 2.44 0.00	48.71 2.27 0.00
EIGHT_POINT___WT_PWR 323820	34.44 -0.60 0.00	32.64 -0.56 0.00	32.14 -0.52 0.00	32.19 -0.39 0.00	32.69 -0.46 0.00	37.82 -0.62 0.00	49.35 -0.96 0.00	55.31 -1.13 0.00	53.50 -0.54 0.00	44.66 -0.18 0.00	46.23 0.00 0.00	47.07 0.51 0.00	45.01 0.32 0.00	47.28 0.47 0.00	49.71 0.59 0.00	55.14 0.71 0.00	62.00 1.63 0.00	76.95 2.67 0.00	69.19 2.08 0.00	63.71 1.55 0.00	59.17 1.27 0.00	54.81 0.43 0.00	51.02 0.15 0.00	47.18 0.74 0.00
ELBRIDGE_115KV_TB2 80188	34.20 -0.84 0.00	32.47 -0.73 0.00	31.95 -0.72 0.00	31.89 -0.68 0.00	32.46 -0.70 0.00	37.63 -0.81 0.00	49.30 -1.01 0.00	55.26 -1.19 0.00	53.01 -1.03 0.00	43.99 -0.85 0.00	45.31 -0.92 0.00	45.67 -0.88 0.00	43.80 -0.89 0.00	45.83 -0.98 0.00	48.04 -1.08 0.00	53.46 -0.98 0.00	59.53 -0.85 0.00	73.53 -0.74 0.00	66.30 -0.81 0.00	61.35 -0.81 0.00	57.02 -0.87 0.00	53.29 -1.09 0.00	49.64 -1.22 0.00	45.46 -0.98 0.00
ELEC_TRO_TEK 24086	36.69 1.65 0.00	34.63 1.43 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.65 1.49 0.00	40.44 2.00 0.00	52.67 2.36 0.00	61.18 4.74 0.00	56.52 2.49 0.00	47.40 2.56 0.00	48.13 1.90 0.00	48.42 1.86 0.00	46.84 2.15 0.00	49.01 2.20 0.00	51.43 2.31 0.00	57.16 2.72 0.00	64.24 3.86 0.00	79.27 4.98 -0.02	71.76 4.63 -0.02	66.07 3.92 0.00	61.96 4.05 -0.02	57.37 2.99 0.00	53.25 2.39 0.00	48.67 2.23 0.00

ELLENBURG_WT_PWR 323604	35.57 0.53 0.00	33.50 0.30 0.00	32.89 0.23 0.00	32.61 0.03 0.00	33.29 0.13 0.00	38.75 0.31 0.00	50.41 0.10 0.00	55.77 -0.67 0.00	54.63 0.60 0.00	45.24 0.40 0.00	46.74 0.51 0.00	47.26 0.70 0.00	45.41 0.71 0.00	47.56 0.75 0.00	50.20 1.08 0.00	55.58 1.14 0.00	60.37 0.00 0.00	74.58 0.30 0.00	67.51 0.41 0.00	62.72 0.56 0.00	58.35 0.46 0.00	55.96 1.58 0.00	52.54 1.68 0.00	47.93 1.49 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.92 -1.12 0.00	32.34 -0.86 0.00	31.75 -0.91 0.00	31.83 -0.75 0.00	32.46 -0.70 0.00	37.44 -1.00 0.00	48.09 -2.21 0.00	52.04 -4.40 0.00	51.28 -2.76 0.00	42.87 -1.97 0.00	44.24 -1.99 0.00	45.11 -1.44 0.00	43.17 -1.52 0.00	45.36 -1.45 0.00	47.16 -1.96 0.00	52.64 -1.80 0.00	58.20 -2.17 0.00	72.79 -1.49 0.00	65.30 -1.81 0.00	59.98 -2.18 0.00	55.35 -2.55 0.00	51.88 -2.50 0.00	48.07 -2.80 0.00	44.81 -1.63 0.00
EMPIRE_CC_1 323656	36.23 1.19 0.00	34.29 1.09 0.00	33.74 1.08 0.00	33.65 1.07 0.00	34.25 1.09 0.00	39.75 1.31 0.00	52.12 1.81 0.00	58.87 2.43 0.00	55.71 1.68 0.00	46.18 1.34 0.00	47.75 1.52 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.26 1.45 0.00	50.60 1.47 0.00	56.23 1.79 0.00	62.79 2.42 0.00	77.17 2.89 0.00	69.80 2.69 0.00	64.65 2.49 0.00	60.27 2.37 0.00	56.17 1.79 0.00	52.49 1.63 0.00	47.79 1.35 0.00
EMPIRE_CC_2 323658	36.23 1.19 0.00	34.29 1.09 0.00	33.74 1.08 0.00	33.65 1.07 0.00	34.25 1.09 0.00	39.75 1.31 0.00	52.12 1.81 0.00	58.87 2.43 0.00	55.71 1.68 0.00	46.18 1.34 0.00	47.75 1.52 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.26 1.45 0.00	50.60 1.47 0.00	56.23 1.79 0.00	62.79 2.42 0.00	77.17 2.89 0.00	69.80 2.69 0.00	64.65 2.49 0.00	60.27 2.37 0.00	56.17 1.79 0.00	52.49 1.63 0.00	47.79 1.35 0.00
ENORWICH_115KV_TB1 80156	37.25 2.21 0.00	35.26 2.06 0.00	34.56 1.89 0.00	34.63 2.05 0.00	35.28 2.12 0.00	41.29 2.84 0.00	54.43 4.13 0.00	65.81 9.37 0.00	63.17 9.13 0.00	51.39 6.55 0.00	52.47 6.24 0.00	53.40 6.84 0.00	51.31 6.61 0.00	53.64 6.83 0.00	56.44 7.32 0.00	64.72 10.29 0.00	74.14 13.76 0.00	83.79 9.51 0.00	75.36 8.25 0.00	69.74 7.58 0.00	64.78 6.89 0.00	60.25 5.87 0.00	55.44 4.58 0.00	50.94 4.50 0.00
ERIE_ST__34_KV_TB1-2 80199	34.48 -0.56 0.00	32.84 -0.37 0.00	32.31 -0.36 0.00	32.32 -0.26 0.00	33.03 -0.13 0.00	38.06 -0.38 0.00	49.00 -1.31 0.00	53.17 -3.27 0.00	52.36 -1.68 0.00	43.72 -1.12 0.00	45.08 -1.16 0.00	46.00 -0.56 0.00	44.02 -0.67 0.00	46.25 -0.56 0.00	48.19 -0.93 0.00	53.73 -0.71 0.00	59.53 -0.85 0.00	74.50 0.22 0.00	66.84 -0.27 0.00	61.41 -0.75 0.00	56.68 -1.22 0.00	53.02 -1.36 0.00	49.03 -1.83 0.00	45.74 -0.70 0.00
ERIE_WT_PWR 323693	34.17 -0.87 0.00	32.57 -0.63 0.00	32.11 -0.56 0.00	32.15 -0.42 0.00	32.79 -0.36 0.00	37.71 -0.73 0.00	48.50 -1.81 0.00	53.62 -2.82 0.00	51.93 -2.11 0.00	43.27 -1.57 0.00	44.66 -1.57 0.00	45.58 -0.98 0.00	43.58 -1.12 0.00	45.82 -0.99 0.00	48.09 -1.03 0.00	53.13 -1.31 0.00	59.40 -0.97 0.00	73.68 -0.60 0.00	66.23 -0.87 0.00	60.73 -1.43 0.00	56.39 -1.51 0.00	52.43 -1.96 0.00	48.78 -2.09 0.00	45.28 -1.16 0.00
ESPRGFLD_115KV_TB1 80157	36.58 1.54 0.00	34.66 1.46 0.00	34.07 1.40 0.00	34.05 1.47 0.00	34.68 1.53 0.00	40.48 2.04 0.00	52.97 2.67 0.00	60.05 3.61 0.00	57.06 3.03 0.00	46.86 2.02 0.00	48.22 1.99 0.00	48.37 1.82 0.00	46.39 1.70 0.00	48.68 1.87 0.00	51.19 2.06 0.00	57.32 2.89 0.00	64.42 4.04 0.00	79.11 4.83 0.00	71.40 4.29 0.00	66.14 3.98 0.00	61.54 3.65 0.00	57.32 2.94 0.00	53.36 2.49 0.00	48.72 2.28 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.43 0.39 0.00	33.60 0.40 0.00	33.02 0.36 0.00	32.97 0.39 0.00	33.59 0.43 0.00	39.02 0.58 0.00	51.21 0.91 0.00	57.12 0.68 0.00	54.79 0.76 0.00	45.38 0.54 0.00	46.74 0.51 0.00	47.16 0.61 0.00	45.18 0.49 0.00	47.23 0.42 0.00	49.57 0.44 0.00	55.25 0.82 0.00	61.76 1.39 0.00	77.03 2.75 0.00	69.39 2.28 0.00	64.15 1.99 0.00	59.63 1.74 0.00	55.58 1.20 0.00	51.53 0.66 0.00	47.28 0.84 0.00
ETNA____115KV_TB2 80207	35.43 0.39 0.00	33.60 0.40 0.00	33.02 0.36 0.00	32.97 0.39 0.00	33.59 0.43 0.00	39.02 0.58 0.00	51.21 0.91 0.00	57.12 0.68 0.00	54.79 0.76 0.00	45.38 0.54 0.00	46.74 0.51 0.00	47.16 0.61 0.00	45.18 0.49 0.00	47.23 0.42 0.00	49.57 0.44 0.00	55.25 0.82 0.00	61.76 1.39 0.00	77.03 2.75 0.00	69.39 2.28 0.00	64.15 1.99 0.00	59.63 1.74 0.00	55.58 1.20 0.00	51.53 0.66 0.00	47.28 0.84 0.00
EUCLID____115KV_TB2 356179	34.20 -0.84 0.00	32.47 -0.73 0.00	31.95 -0.72 0.00	31.89 -0.68 0.00	32.46 -0.70 0.00	37.63 -0.81 0.00	49.25 -1.06 0.00	55.26 -1.19 0.00	53.01 -1.03 0.00	43.94 -0.90 0.00	45.31 -0.92 0.00	45.67 -0.88 0.00	43.80 -0.89 0.00	45.83 -0.98 0.00	48.04 -1.08 0.00	53.40 -1.03 0.00	59.47 -0.91 0.00	73.39 -0.89 0.00	66.17 -0.94 0.00	61.16 -0.99 0.00	56.91 -0.98 0.00	53.19 -1.20 0.00	49.54 -1.32 0.00	45.37 -1.07 0.00
E_CANADA_CAP_HY 24051	36.97 1.93 0.00	34.99 1.79 0.00	34.39 1.73 0.00	34.37 1.79 0.00	35.05 1.89 0.00	40.90 2.46 0.00	53.63 3.32 0.00	60.56 4.12 0.00	57.22 3.19 0.00	46.77 1.93 0.00	48.31 2.08 0.00	48.23 1.67 0.00	46.26 1.56 0.00	48.68 1.87 0.00	51.23 2.11 0.00	57.37 2.94 0.00	64.60 4.22 0.00	79.55 5.27 0.00	71.81 4.70 0.00	66.69 4.54 0.00	62.00 4.11 0.00	57.64 3.26 0.00	54.02 3.15 0.00	49.23 2.79 0.00
E_CANADA_MHWK_HY 24050	35.29 0.25 0.00	33.33 0.13 0.00	32.76 0.10 0.00	32.71 0.13 0.00	33.29 0.13 0.00	38.63 0.19 0.00	50.66 0.35 0.00	57.06 0.62 0.00	54.52 0.49 0.00	45.29 0.45 0.00	46.74 0.51 0.00	47.12 0.56 0.00	45.27 0.58 0.00	47.42 0.61 0.00	49.81 0.69 0.00	55.47 1.03 0.00	61.82 1.45 0.00	76.14 1.86 0.00	68.72 1.61 0.00	63.71 1.55 0.00	59.40 1.50 0.00	55.68 1.30 0.00	51.98 1.12 0.00	47.46 1.02 0.00
E_FISHKILL____LBMP 23776	36.51 1.47 0.00	34.53 1.33 0.00	33.94 1.27 0.00	33.82 1.24 0.00	34.48 1.33 0.00	40.06 1.61 0.00	52.52 2.21 0.00	60.11 3.67 0.00	56.31 2.27 0.00	46.77 1.93 0.00	48.03 1.80 0.00	48.23 1.68 0.00	46.35 1.65 0.00	48.50 1.69 0.00	50.84 1.72 0.00	56.61 2.18 0.00	63.33 2.96 0.00	77.77 3.49 0.00	70.46 3.36 0.00	65.08 2.92 0.00	60.85 2.95 0.00	56.61 2.23 0.00	52.70 1.83 0.00	47.88 1.44 0.00
FALCON____SEABRD_CC1 323796	35.81 0.77 0.00	33.73 0.53 0.00	33.09 0.42 0.00	32.81 0.23 0.00	33.46 0.30 0.00	38.98 0.54 0.00	50.71 0.40 0.00	55.77 -0.67 0.00	55.01 0.97 0.00	45.51 0.67 0.00	47.02 0.79 0.00	47.54 0.98 0.00	45.68 0.98 0.00	47.84 1.03 0.00	50.55 1.43 0.00	56.02 1.58 0.00	60.49 0.12 0.00	74.73 0.45 0.00	67.58 0.47 0.00	62.84 0.68 0.00	58.47 0.58 0.00	56.39 2.01 0.00	53.00 2.14 0.00	48.30 1.86 0.00

FALCON___SEABRD_CC2 323797	35.81 0.77 0.00	33.73 0.53 0.00	33.09 0.42 0.00	32.81 0.23 0.00	33.46 0.30 0.00	38.98 0.54 0.00	50.71 0.40 0.00	55.77 -0.67 0.00	55.01 0.97 0.00	45.51 0.67 0.00	47.02 0.79 0.00	47.54 0.98 0.00	45.68 0.98 0.00	47.84 1.03 0.00	50.55 1.43 0.00	56.02 1.58 0.00	60.49 0.12 0.00	74.73 0.45 0.00	67.58 0.47 0.00	62.84 0.68 0.00	58.47 0.58 0.00	56.39 2.01 0.00	53.00 2.14 0.00	48.30 1.86 0.00
FAR ROCKAWAY___4 23548	37.18 2.14 0.00	35.06 1.86 0.00	34.56 1.89 0.00	34.44 1.86 0.00	35.12 1.96 -0.01	40.95 2.50 -0.01	53.43 3.12 0.00	62.03 5.59 0.00	57.33 3.30 0.00	48.03 3.18 -0.01	48.77 2.54 0.00	49.07 2.51 0.00	47.46 2.77 0.00	49.67 2.86 0.00	52.12 3.00 0.00	58.03 3.59 0.00	65.32 4.95 0.00	80.75 6.46 -0.01	73.10 5.97 -0.01	67.32 5.16 0.00	63.06 5.15 -0.01	58.41 4.02 0.00	54.12 3.26 0.00	49.51 3.07 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.86 1.82 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.78 1.62 0.00	40.44 2.00 0.00	53.12 2.82 0.00	61.07 4.63 0.00	57.17 3.13 0.00	47.53 2.69 0.00	48.64 2.40 0.00	48.88 2.33 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.53 2.41 0.00	57.27 2.83 0.00	64.06 3.68 0.00	78.73 4.46 0.00	71.27 4.16 0.00	65.76 3.61 0.00	61.42 3.53 0.00	57.21 2.83 0.00	53.20 2.34 0.00	48.20 1.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.86 1.82 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.78 1.62 0.00	40.44 2.00 0.00	53.12 2.82 0.00	61.07 4.63 0.00	57.17 3.13 0.00	47.53 2.69 0.00	48.64 2.40 0.00	48.88 2.33 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.53 2.41 0.00	57.27 2.83 0.00	64.06 3.68 0.00	78.73 4.46 0.00	71.27 4.16 0.00	65.76 3.61 0.00	61.42 3.53 0.00	57.21 2.83 0.00	53.20 2.34 0.00	48.20 1.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.86 1.82 0.00	34.86 1.66 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.78 1.62 0.00	40.40 1.96 0.00	53.07 2.77 0.00	61.07 4.63 0.00	57.12 3.08 0.00	47.53 2.69 0.00	48.64 2.40 0.00	48.88 2.33 0.00	46.97 2.28 0.00	49.15 2.34 0.00	51.48 2.36 0.00	57.21 2.78 0.00	64.06 3.68 0.00	78.66 4.38 0.00	71.20 4.09 0.00	65.70 3.54 0.00	61.37 3.47 0.00	57.16 2.77 0.00	53.15 2.29 0.00	48.16 1.72 0.00
FARRAGUT___LBMP 323566	36.83 1.79 0.00	34.83 1.63 0.00	34.17 1.50 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	61.01 4.57 0.00	57.06 3.03 0.00	47.49 2.65 0.00	48.59 2.36 0.00	48.84 2.28 0.00	46.93 2.23 0.00	49.10 2.29 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.99 3.62 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
FENNER___WINDPWR 24204	35.57 0.53 0.00	33.73 0.53 0.00	33.16 0.49 0.00	33.13 0.55 0.00	33.76 0.60 0.00	39.21 0.77 0.00	51.47 1.16 0.00	57.79 1.35 0.00	55.28 1.24 0.00	45.74 0.90 0.00	47.16 0.92 0.00	47.54 0.98 0.00	45.59 0.89 0.00	47.75 0.94 0.00	50.11 0.98 0.00	55.80 1.36 0.00	62.36 1.99 0.00	76.88 2.60 0.00	69.32 2.21 0.00	64.15 1.99 0.00	59.63 1.74 0.00	55.68 1.30 0.00	51.78 0.92 0.00	47.37 0.93 0.00
FIBERTEK___ENERGY 23856	34.44 -0.60 0.00	32.70 -0.50 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.70 -0.60 0.00	55.76 -0.68 0.00	53.50 -0.54 0.00	44.35 -0.49 0.00	45.72 -0.51 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.44 -0.69 0.00	53.89 -0.54 0.00	60.01 -0.36 0.00	74.13 -0.15 0.00	66.84 -0.27 0.00	61.85 -0.31 0.00	57.49 -0.41 0.00	53.73 -0.65 0.00	50.00 -0.86 0.00	45.79 -0.65 0.00
FITZPATRICK____ 23598	33.71 -1.33 0.00	32.01 -1.19 0.00	31.49 -1.17 0.00	31.44 -1.14 0.00	32.00 -1.16 0.00	37.02 -1.42 0.00	48.50 -1.81 0.00	54.46 -1.98 0.00	52.09 -1.94 0.00	43.23 -1.61 0.00	44.52 -1.71 0.00	44.88 -1.67 0.00	43.09 -1.61 0.00	45.13 -1.68 0.00	47.36 -1.77 0.00	52.48 -1.96 0.00	58.50 -1.87 0.00	72.05 -2.23 0.00	65.03 -2.08 0.00	60.17 -1.99 0.00	55.98 -1.91 0.00	52.37 -2.01 0.00	48.88 -1.98 0.00	44.68 -1.76 0.00
FLOWRFLD_69_KV_BK1 356044	36.76 1.72 0.00	34.63 1.43 0.00	34.30 1.63 0.00	34.21 1.63 0.00	34.85 1.69 0.00	40.71 2.27 0.00	52.87 2.57 0.00	62.20 5.76 0.00	56.79 2.76 0.00	47.62 2.78 0.00	48.03 1.80 0.00	48.33 1.77 0.00	46.93 2.23 0.00	49.29 2.48 0.00	52.12 3.00 0.00	58.08 3.65 0.00	64.78 4.41 0.00	80.30 6.02 -0.01	72.76 5.64 -0.01	66.76 4.60 0.00	63.11 5.21 -0.01	58.13 3.75 0.00	53.76 2.90 0.00	49.27 2.83 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.11 2.07 0.00	35.16 1.96 0.00	34.49 1.83 0.00	34.37 1.79 0.00	35.05 1.89 0.00	40.71 2.27 0.00	53.43 3.12 0.00	61.01 4.57 0.00	57.17 3.13 0.00	47.49 2.65 0.00	48.64 2.40 0.00	48.79 2.23 0.00	46.75 2.06 0.00	48.92 2.11 0.00	51.24 2.11 0.00	57.32 2.89 0.00	64.42 4.04 0.00	78.96 4.68 0.00	71.54 4.43 0.00	66.38 4.23 0.00	62.18 4.28 0.00	57.48 3.10 0.00	53.56 2.70 0.00	48.72 2.28 0.00
FORT ORANGE____ 23900	35.81 0.77 0.00	33.93 0.73 0.00	33.42 0.75 0.00	33.29 0.72 0.00	33.86 0.70 0.00	39.33 0.88 0.00	51.61 1.31 0.00	58.30 1.86 0.00	55.17 1.14 0.00	45.65 0.81 0.00	47.16 0.92 0.00	47.30 0.74 0.00	45.45 0.76 0.00	47.61 0.80 0.00	49.96 0.83 0.00	55.63 1.20 0.00	62.18 1.81 0.00	76.43 2.16 0.00	69.12 2.01 0.00	64.09 1.93 0.00	59.75 1.85 0.00	55.63 1.25 0.00	51.93 1.07 0.00	47.32 0.88 0.00
FORT_DRUM_COGEN 23780	35.36 0.32 0.00	33.53 0.33 0.00	32.86 0.20 0.00	32.90 0.33 0.00	33.56 0.40 0.00	38.25 -0.19 0.00	50.61 0.30 0.00	57.18 0.73 0.00	54.90 0.86 0.00	45.15 0.31 0.00	46.46 0.23 0.00	47.07 0.51 0.00	45.18 0.49 0.00	47.42 0.61 0.00	49.91 0.79 0.00	55.96 1.52 0.00	62.73 2.35 0.00	77.47 3.19 0.00	69.73 2.62 0.00	64.58 2.42 0.00	59.98 2.08 0.00	56.01 1.63 0.00	51.78 0.92 0.00	47.23 0.79 0.00
FOX_HILLS___ESR 323835	37.36 2.31 -0.01	35.33 2.12 -0.01	34.67 1.99 -0.01	34.51 1.92 -0.01	35.19 2.02 -0.01	40.90 2.46 0.00	53.73 3.42 0.00	61.70 5.25 -0.01	57.67 3.62 -0.01	47.94 3.09 -0.01	49.11 2.87 -0.01	49.36 2.79 -0.01	47.43 2.73 -0.01	49.58 2.76 -0.01	51.93 2.80 -0.01	57.66 3.21 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.68 4.56 -0.01	66.08 3.92 -0.01	61.78 3.88 -0.01	57.54 3.15 -0.01	53.67 2.80 -0.01	48.68 2.23 -0.01
FPL FAR_ROCK_GT1 24212	37.18 2.14 0.00	35.06 1.86 0.00	34.36 1.70 0.00	34.24 1.66 0.00	35.05 1.89 -0.01	40.87 2.42 -0.01	53.48 3.17 0.00	60.96 4.52 0.00	56.85 2.81 0.00	47.76 2.91 -0.01	48.91 2.68 0.00	49.02 2.47 0.00	47.42 2.73 0.00	49.71 2.90 0.00	52.22 3.10 0.00	57.87 3.43 0.00	65.44 5.07 0.00	80.45 6.16 -0.01	72.82 5.70 -0.01	67.26 5.10 0.00	62.83 4.92 -0.01	58.03 3.64 0.00	54.02 3.15 0.00	49.51 3.06 -0.01



FPL FAR_ROCK_GT2 23815	37.18 2.14 0.00	35.06 1.86 0.00	34.36 1.70 0.00	34.24 1.66 0.00	35.05 1.89 -0.01	40.87 2.42 -0.01	53.48 3.17 0.00	60.96 4.52 0.00	56.85 2.81 0.00	47.76 2.91 -0.01	48.91 2.68 0.00	49.02 2.47 0.00	47.42 2.73 0.00	49.71 2.90 0.00	52.22 3.10 0.00	57.87 3.43 0.00	65.44 5.07 0.00	80.45 6.16 -0.01	72.82 5.70 -0.01	67.26 5.10 0.00	62.83 4.92 -0.01	58.03 3.64 0.00	54.02 3.15 0.00	49.51 3.06 -0.01
FRANKLIN_FALL_HYD 24054	37.04 2.00 0.00	34.96 1.76 0.00	34.27 1.60 0.00	34.01 1.43 0.00	34.68 1.53 0.00	39.29 0.85 0.00	51.62 1.31 0.00	57.18 0.73 0.00	55.66 1.62 0.00	46.32 1.48 0.00	47.85 1.62 0.00	48.33 1.77 0.00	46.44 1.74 0.00	48.68 1.87 0.00	51.48 2.36 0.00	56.56 2.12 0.00	62.43 2.05 0.00	77.32 3.05 0.00	69.79 2.68 0.00	64.96 2.80 0.00	60.32 2.43 0.00	57.10 2.72 0.00	53.87 3.00 0.00	49.13 2.69 0.00
FREEPORT_EQUS_GT1 23764	36.90 1.86 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.98 1.40 0.00	34.78 1.62 0.00	40.59 2.15 0.00	53.02 2.71 0.00	60.39 3.95 0.00	56.31 2.27 0.00	47.31 2.46 0.00	48.45 2.22 0.00	48.51 1.96 0.00	46.97 2.28 0.00	49.29 2.48 0.00	51.77 2.65 0.00	57.37 2.94 0.00	64.90 4.53 0.00	79.71 5.42 -0.01	72.16 5.04 -0.01	66.57 4.41 0.00	62.25 4.34 -0.01	57.43 3.04 0.00	53.46 2.59 0.00	49.04 2.60 0.00
FREEPORT___CT2 23818	36.90 1.86 0.00	34.76 1.56 0.00	34.07 1.40 0.00	33.98 1.40 0.00	34.78 1.62 0.00	40.59 2.15 0.00	53.02 2.71 0.00	60.39 3.95 0.00	56.31 2.27 0.00	47.31 2.46 0.00	48.45 2.22 0.00	48.51 1.96 0.00	46.97 2.28 0.00	49.29 2.48 0.00	51.77 2.65 0.00	57.37 2.94 0.00	64.90 4.53 0.00	79.71 5.42 -0.01	72.16 5.04 -0.01	66.57 4.41 0.00	62.25 4.34 -0.01	57.43 3.04 0.00	53.46 2.59 0.00	49.04 2.60 0.00
FRESHKLS_33_KV_LOAD 356253	37.47 2.42 -0.01	35.43 2.22 -0.01	34.76 2.09 -0.01	34.61 2.02 -0.01	35.29 2.12 -0.01	41.06 2.61 0.00	53.93 3.62 0.00	61.87 5.42 -0.01	57.83 3.78 -0.01	48.08 3.23 -0.01	49.24 3.01 -0.01	49.50 2.93 -0.01	47.56 2.86 -0.01	49.72 2.90 -0.01	52.08 2.95 -0.01	57.76 3.32 -0.01	64.67 4.29 -0.01	79.34 5.05 -0.01	71.88 4.76 -0.01	66.33 4.16 -0.01	62.01 4.11 -0.01	57.71 3.32 -0.01	53.82 2.95 -0.01	48.86 2.41 -0.01
FULTON COGEN____ 23766	33.99 -1.05 0.00	32.27 -0.93 0.00	31.72 -0.95 0.00	31.67 -0.91 0.00	32.23 -0.93 0.00	37.36 -1.08 0.00	49.00 -1.31 0.00	54.97 -1.47 0.00	52.74 -1.30 0.00	43.72 -1.12 0.00	45.03 -1.20 0.00	45.39 -1.16 0.00	43.53 -1.16 0.00	45.55 -1.26 0.00	47.75 -1.38 0.00	53.13 -1.31 0.00	59.10 -1.27 0.00	72.94 -1.34 0.00	65.77 -1.34 0.00	60.85 -1.31 0.00	56.56 -1.33 0.00	52.86 -1.52 0.00	49.29 -1.58 0.00	45.09 -1.35 0.00
FULTON___LFGE 323630	37.14 2.10 0.00	35.16 1.96 0.00	34.59 1.93 0.00	34.53 1.95 0.00	35.21 2.06 0.00	41.09 2.65 0.00	54.08 3.77 0.00	61.01 4.57 0.00	57.66 3.62 0.00	47.17 2.33 0.00	48.63 2.40 0.00	48.56 2.00 0.00	46.57 1.88 0.00	49.01 2.20 0.00	51.58 2.46 0.00	57.81 3.38 0.00	65.02 4.65 0.00	80.08 5.80 0.00	72.28 5.17 0.00	67.19 5.03 0.00	62.47 4.57 0.00	58.19 3.81 0.00	54.27 3.41 0.00	49.46 3.02 0.00
G.F.CEMENT___DRP 24184	36.62 1.58 0.00	34.63 1.43 0.00	34.07 1.40 0.00	34.01 1.43 0.00	34.68 1.53 0.00	40.17 1.73 0.00	52.62 2.31 0.00	59.94 3.50 0.00	56.47 2.43 0.00	46.32 1.48 0.00	47.94 1.71 0.00	48.00 1.44 0.00	46.08 1.39 0.00	48.35 1.54 0.00	50.99 1.87 0.00	57.10 2.67 0.00	63.75 3.38 0.00	78.21 3.94 0.00	70.80 3.69 0.00	65.58 3.42 0.00	61.08 3.18 0.00	57.37 2.99 0.00	53.25 2.39 0.00	48.58 2.14 0.00
GARDENVILLE___LBMP 24039	34.02 -1.02 0.00	32.44 -0.76 0.00	31.88 -0.78 0.00	31.93 -0.65 0.00	32.59 -0.56 0.00	37.60 -0.85 0.00	48.30 -2.01 0.00	52.32 -4.12 0.00	51.55 -2.49 0.00	43.09 -1.75 0.00	44.47 -1.76 0.00	45.35 -1.21 0.00	43.40 -1.30 0.00	45.59 -1.22 0.00	47.45 -1.67 0.00	52.91 -1.52 0.00	58.56 -1.81 0.00	73.31 -0.97 0.00	65.70 -1.41 0.00	60.42 -1.74 0.00	55.75 -2.14 0.00	52.21 -2.18 0.00	48.32 -2.54 0.00	45.09 -1.35 0.00
GARDNVLA_35_KV_LD 355827	34.20 -0.84 0.00	32.60 -0.60 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.73 -0.43 0.00	37.79 -0.65 0.00	48.55 -1.76 0.00	52.60 -3.84 0.00	51.82 -2.22 0.00	43.32 -1.52 0.00	44.71 -1.53 0.00	45.63 -0.93 0.00	43.67 -1.03 0.00	45.87 -0.94 0.00	47.70 -1.42 0.00	53.24 -1.20 0.00	58.86 -1.51 0.00	73.76 -0.52 0.00	66.10 -1.01 0.00	60.73 -1.43 0.00	56.04 -1.85 0.00	52.53 -1.85 0.00	48.58 -2.29 0.00	45.33 -1.11 0.00
GELCKHM___115KV_LOAD 80723	34.30 -0.74 0.00	32.54 -0.66 0.00	32.01 -0.65 0.00	31.96 -0.62 0.00	32.53 -0.63 0.00	37.71 -0.73 0.00	49.40 -0.91 0.00	55.43 -1.02 0.00	53.17 -0.86 0.00	44.12 -0.72 0.00	45.45 -0.79 0.00	45.81 -0.74 0.00	43.93 -0.76 0.00	45.97 -0.84 0.00	48.19 -0.93 0.00	53.57 -0.87 0.00	59.65 -0.72 0.00	73.68 -0.59 0.00	66.37 -0.74 0.00	61.41 -0.75 0.00	57.14 -0.75 0.00	53.40 -0.98 0.00	49.69 -1.17 0.00	45.51 -0.93 0.00
GENERAL___MILLS 23808	34.13 -0.91 0.00	32.54 -0.66 0.00	31.98 -0.69 0.00	32.03 -0.55 0.00	32.69 -0.46 0.00	37.71 -0.73 0.00	48.45 -1.86 0.00	52.49 -3.95 0.00	51.77 -2.27 0.00	43.23 -1.61 0.00	44.61 -1.62 0.00	45.49 -1.07 0.00	43.53 -1.16 0.00	45.73 -1.08 0.00	47.60 -1.52 0.00	53.13 -1.31 0.00	58.74 -1.63 0.00	73.53 -0.74 0.00	65.97 -1.14 0.00	60.60 -1.55 0.00	55.93 -1.97 0.00	52.42 -1.96 0.00	48.47 -2.39 0.00	45.23 -1.21 0.00
GE_PLASTICS___DRP 24183	35.67 0.63 0.00	33.80 0.60 0.00	33.29 0.62 0.00	33.17 0.59 0.00	33.76 0.60 0.00	39.21 0.77 0.00	51.31 1.01 0.00	58.14 1.69 0.00	55.01 0.97 0.00	45.51 0.67 0.00	47.02 0.79 0.00	47.21 0.65 0.00	45.36 0.67 0.00	47.51 0.70 0.00	49.86 0.74 0.00	55.52 1.09 0.00	61.88 1.51 0.00	75.99 1.71 0.00	68.72 1.61 0.00	63.65 1.49 0.00	59.40 1.51 0.00	55.47 1.09 0.00	51.78 0.92 0.00	47.14 0.70 0.00
GILBOA___1 23756	35.78 0.74 0.00	33.86 0.66 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.82 0.66 0.00	39.21 0.77 0.00	51.41 1.11 0.00	58.02 1.58 0.00	55.06 1.02 0.00	45.69 0.85 0.00	47.11 0.88 0.00	47.40 0.84 0.00	45.50 0.81 0.00	47.65 0.84 0.00	49.96 0.83 0.00	55.47 1.03 0.00	61.94 1.57 0.00	75.99 1.71 0.00	68.65 1.54 0.00	63.71 1.55 0.00	59.40 1.50 0.00	55.41 1.03 0.00	51.83 0.96 0.00	47.23 0.79 0.00
GILBOA___2 23757	35.78 0.74 0.00	33.86 0.66 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.82 0.66 0.00	39.21 0.77 0.00	51.41 1.11 0.00	58.02 1.58 0.00	55.06 1.02 0.00	45.69 0.85 0.00	47.11 0.88 0.00	47.40 0.84 0.00	45.50 0.81 0.00	47.65 0.84 0.00	49.96 0.83 0.00	55.47 1.03 0.00	61.94 1.57 0.00	75.99 1.71 0.00	68.65 1.54 0.00	63.71 1.55 0.00	59.40 1.50 0.00	55.41 1.03 0.00	51.83 0.96 0.00	47.23 0.79 0.00

GILBOA___3 23758	35.78 0.74 0.00	33.86 0.66 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.82 0.66 0.00	39.21 0.77 0.00	51.41 1.11 0.00	58.02 1.58 0.00	55.06 1.02 0.00	45.69 0.85 0.00	47.11 0.88 0.00	47.40 0.84 0.00	45.50 0.81 0.00	47.65 0.84 0.00	49.96 0.83 0.00	55.47 1.03 0.00	61.94 1.57 0.00	75.99 1.71 0.00	68.65 1.54 0.00	63.71 1.55 0.00	59.40 1.50 0.00	55.41 1.03 0.00	51.83 0.96 0.00	47.23 0.79 0.00
GILBOA___4 23759	35.78 0.74 0.00	33.86 0.66 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.82 0.66 0.00	39.21 0.77 0.00	51.41 1.11 0.00	58.02 1.58 0.00	55.06 1.02 0.00	45.69 0.85 0.00	47.11 0.88 0.00	47.40 0.84 0.00	45.50 0.81 0.00	47.65 0.84 0.00	49.96 0.83 0.00	55.47 1.03 0.00	61.94 1.57 0.00	75.99 1.71 0.00	68.65 1.54 0.00	63.71 1.55 0.00	59.40 1.50 0.00	55.41 1.03 0.00	51.83 0.96 0.00	47.23 0.79 0.00
GILBOA___ 23599	35.78 0.74 0.00	33.86 0.66 0.00	33.45 0.78 0.00	33.36 0.78 0.00	33.82 0.66 0.00	39.25 0.81 0.00	51.41 1.11 0.00	58.25 1.81 0.00	55.17 1.13 0.00	45.69 0.85 0.00	47.11 0.88 0.00	47.39 0.84 0.00	45.50 0.80 0.00	47.65 0.84 0.00	49.96 0.84 0.00	55.58 1.14 0.00	62.00 1.63 0.00	75.99 1.71 0.00	68.72 1.61 0.00	63.77 1.62 0.00	59.46 1.56 0.00	55.58 1.20 0.00	51.83 0.97 0.00	47.23 0.79 0.00
GINNA___ 23603	32.66 -2.38 0.00	31.07 -2.13 0.00	30.54 -2.12 0.00	30.59 -1.99 0.00	31.13 -2.02 0.00	35.98 -2.46 0.00	46.84 -3.47 0.00	52.49 -3.95 0.00	50.47 -3.57 0.00	41.97 -2.87 0.00	43.23 -3.00 0.00	43.81 -2.75 0.00	41.88 -2.81 0.00	44.05 -2.76 0.00	46.18 -2.95 0.00	51.17 -3.26 0.00	57.11 -3.26 0.00	70.94 -3.34 0.00	63.76 -3.35 0.00	58.80 -3.36 0.00	54.60 -3.30 0.00	50.68 -3.70 0.00	47.05 -3.82 0.00	43.24 -3.20 0.00
GLEN PARK___ 23778	35.43 0.39 0.00	33.60 0.40 0.00	32.92 0.26 0.00	33.00 0.42 0.00	33.62 0.46 0.00	39.33 0.88 0.00	51.06 0.76 0.00	57.51 1.07 0.00	55.17 1.14 0.00	45.29 0.45 0.00	46.56 0.33 0.00	47.16 0.60 0.00	45.27 0.58 0.00	47.51 0.70 0.00	50.01 0.89 0.00	56.23 1.79 0.00	63.27 2.90 0.00	78.06 3.79 0.00	70.26 3.15 0.00	65.14 2.98 0.00	60.44 2.54 0.00	56.39 2.01 0.00	51.98 1.12 0.00	47.42 0.98 0.00
GLENDALE_27_KV_LOAD 356172	37.14 2.10 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.38 1.79 -0.01	35.06 1.89 -0.01	40.75 2.31 0.00	53.48 3.17 0.00	61.53 5.08 -0.01	57.44 3.40 0.00	47.80 2.96 0.00	48.91 2.68 0.00	49.16 2.61 0.00	47.29 2.59 0.00	49.43 2.62 0.00	51.78 2.65 0.00	57.43 2.99 0.00	64.30 3.92 0.00	78.96 4.68 0.00	71.47 4.36 0.00	65.89 3.73 0.00	61.60 3.71 0.00	57.37 2.99 0.00	53.46 2.59 0.00	48.44 2.00 0.00
GLENWOOD_IC_1_G5 23712	36.86 1.82 0.00	34.83 1.63 0.00	34.27 1.60 0.00	34.14 1.56 0.00	34.82 1.66 0.00	40.56 2.11 0.00	52.97 2.67 0.00	61.24 4.80 0.00	56.90 2.86 0.00	47.53 2.69 0.00	48.45 2.22 0.00	48.74 2.19 0.00	47.02 2.32 0.00	49.20 2.39 0.00	51.58 2.46 0.00	56.99 2.56 0.00	63.99 3.62 0.00	78.90 4.61 -0.02	71.42 4.29 -0.02	65.83 3.67 0.00	61.61 3.71 -0.02	57.10 2.72 0.00	53.41 2.54 0.00	48.72 2.28 0.00
GLENWOOD_IC_2_G1 23688	36.72 1.68 0.00	34.70 1.50 0.00	34.04 1.37 0.00	33.92 1.34 0.00	34.65 1.49 0.00	40.29 1.85 0.00	52.77 2.46 0.00	60.11 3.67 0.00	56.31 2.27 0.00	47.13 2.29 0.00	48.36 2.13 0.00	48.51 1.96 0.00	46.75 2.06 0.00	48.92 2.11 0.00	51.28 2.16 0.00	56.83 2.39 0.00	63.87 3.50 0.00	78.51 4.23 0.00	71.07 3.96 0.00	65.64 3.48 0.00	61.31 3.41 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.39 1.95 0.00
GLENWOOD_IC_3_G1 23689	36.72 1.68 0.00	34.70 1.50 0.00	34.04 1.37 0.00	33.92 1.34 0.00	34.65 1.49 0.00	40.29 1.85 0.00	52.77 2.46 0.00	60.11 3.67 0.00	56.31 2.27 0.00	47.13 2.29 0.00	48.36 2.13 0.00	48.51 1.96 0.00	46.75 2.06 0.00	48.92 2.11 0.00	51.28 2.16 0.00	56.83 2.39 0.00	63.87 3.50 0.00	78.51 4.23 0.00	71.07 3.96 0.00	65.64 3.48 0.00	61.31 3.41 0.00	56.77 2.39 0.00	53.00 2.14 0.00	48.39 1.95 0.00
GLENWOOD___4 23550	36.86 1.82 0.00	34.83 1.63 0.00	34.27 1.60 0.00	34.14 1.56 0.00	34.82 1.66 0.00	40.56 2.11 0.00	52.97 2.67 0.00	61.24 4.80 0.00	56.90 2.86 0.00	47.53 2.69 0.00	48.45 2.22 0.00	48.74 2.19 0.00	47.02 2.32 0.00	49.20 2.39 0.00	51.58 2.46 0.00	57.16 2.72 0.00	64.18 3.80 0.00	79.05 4.75 -0.02	71.55 4.43 -0.02	65.95 3.79 0.00	61.79 3.88 -0.02	57.26 2.88 0.00	53.41 2.54 0.00	48.72 2.28 0.00
GLENWOOD___5 23614	36.86 1.82 0.00	34.83 1.63 0.00	34.27 1.60 0.00	34.14 1.56 0.00	34.82 1.66 0.00	40.56 2.11 0.00	52.97 2.67 0.00	61.24 4.80 0.00	56.90 2.86 0.00	47.53 2.69 0.00	48.45 2.22 0.00	48.74 2.19 0.00	47.02 2.32 0.00	49.20 2.39 0.00	51.58 2.46 0.00	57.16 2.72 0.00	64.18 3.80 0.00	79.05 4.75 -0.02	71.55 4.43 -0.02	65.95 3.79 0.00	61.79 3.88 -0.02	57.26 2.88 0.00	53.41 2.54 0.00	48.72 2.28 0.00
GLOBAL GREEN_PORT_GT1 23814	36.26 1.23 0.00	34.13 0.93 0.00	33.51 0.85 0.00	33.42 0.85 0.00	34.49 1.33 0.00	40.36 1.92 0.00	53.02 2.71 0.00	60.73 4.29 0.00	55.77 1.73 0.00	46.68 1.84 0.00	47.16 0.92 0.00	47.54 0.98 0.00	46.26 1.56 0.00	49.43 2.62 0.00	52.71 3.58 0.00	59.01 4.57 0.00	66.35 5.98 0.00	80.90 6.61 -0.01	73.22 6.11 -0.01	67.50 5.35 0.00	63.69 5.79 -0.01	58.13 3.75 0.00	54.07 3.21 0.00	49.64 3.20 0.00
GLOBE___DSASP 323697	33.11 -1.93 0.00	31.67 -1.53 0.00	31.06 -1.60 0.00	31.15 -1.43 0.00	31.77 -1.39 0.00	36.56 -1.88 0.00	46.58 -3.72 0.00	50.12 -6.32 0.00	49.50 -4.54 0.00	41.39 -3.45 0.00	42.67 -3.56 0.00	43.53 -3.03 0.00	41.65 -3.04 0.00	43.77 -3.04 0.00	45.44 -3.68 0.00	50.68 -3.76 0.00	55.97 -4.41 0.00	69.97 -4.31 0.00	62.75 -4.36 0.00	57.68 -4.48 0.00	53.20 -4.69 0.00	49.98 -4.40 0.00	46.34 -4.53 0.00	43.28 -3.16 0.00
GOETHSLN___LBMP 323567	36.58 1.54 0.00	34.59 1.39 0.00	33.97 1.31 0.00	33.85 1.27 0.00	34.55 1.39 0.00	40.13 1.69 0.00	52.72 2.41 0.00	60.68 4.23 0.00	56.74 2.70 0.00	47.22 2.38 0.00	48.27 2.03 0.00	48.51 1.96 0.00	46.66 1.97 0.00	48.82 2.01 0.00	51.14 2.01 0.00	56.83 2.40 0.00	63.57 3.20 0.00	78.14 3.86 0.00	70.73 3.62 0.00	65.20 3.05 0.00	60.96 3.07 0.00	56.77 2.39 0.00	52.80 1.93 0.00	47.83 1.39 0.00
GOLAH___69_KV_TB 1_2 80279	34.41 -0.63 0.00	32.77 -0.43 0.00	32.14 -0.52 0.00	32.19 -0.39 0.00	32.79 -0.36 0.00	37.90 -0.54 0.00	49.05 -1.26 0.00	53.85 -2.60 0.00	52.58 -1.46 0.00	43.76 -1.08 0.00	45.03 -1.20 0.00	45.58 -0.98 0.00	43.58 -1.12 0.00	45.83 -0.98 0.00	47.75 -1.38 0.00	53.24 -1.20 0.00	59.04 -1.33 0.00	73.68 -0.59 0.00	66.24 -0.87 0.00	61.10 -1.06 0.00	56.45 -1.45 0.00	52.64 -1.74 0.00	48.68 -2.19 0.00	45.19 -1.25 0.00

GOODYEAR_LAKE_HYD 323669	36.27 1.23 0.00	34.36 1.16 0.00	33.81 1.14 0.00	33.78 1.21 0.00	34.39 1.23 0.00	40.02 1.58 0.00	52.47 2.16 0.00	59.38 2.93 0.00	56.52 2.49 0.00	46.68 1.84 0.00	47.99 1.76 0.00	48.33 1.77 0.00	46.35 1.65 0.00	48.54 1.73 0.00	50.94 1.82 0.00	56.94 2.50 0.00	63.81 3.44 0.00	78.21 3.94 0.00	70.60 3.49 0.00	65.39 3.23 0.00	60.85 2.95 0.00	56.77 2.39 0.00	52.75 1.88 0.00	48.20 1.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.18 0.14 0.00	33.33 0.13 0.00	32.80 0.13 0.00	32.74 0.16 0.00	33.36 0.20 0.00	38.67 0.23 0.00	50.61 0.30 0.00	56.61 0.17 0.00	54.36 0.32 0.00	45.06 0.22 0.00	46.42 0.18 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.04 0.23 0.00	49.32 0.20 0.00	54.93 0.49 0.00	61.28 0.91 0.00	75.61 1.34 0.00	68.12 1.01 0.00	62.97 0.81 0.00	58.53 0.64 0.00	54.65 0.27 0.00	50.76 -0.10 0.00	46.67 0.23 0.00
GOUDEY___7 23579	35.18 0.14 0.00	33.33 0.13 0.00	32.80 0.13 0.00	32.74 0.16 0.00	33.36 0.20 0.00	38.67 0.23 0.00	50.61 0.30 0.00	56.61 0.17 0.00	54.36 0.32 0.00	45.06 0.22 0.00	46.42 0.18 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.04 0.23 0.00	49.32 0.20 0.00	54.93 0.49 0.00	61.28 0.91 0.00	75.61 1.34 0.00	68.12 1.01 0.00	62.97 0.81 0.00	58.53 0.64 0.00	54.65 0.27 0.00	50.76 -0.10 0.00	46.67 0.23 0.00
GOUDEY___8 23580	35.18 0.14 0.00	33.33 0.13 0.00	32.80 0.13 0.00	32.74 0.16 0.00	33.36 0.20 0.00	38.67 0.23 0.00	50.61 0.30 0.00	56.61 0.17 0.00	54.36 0.32 0.00	45.06 0.22 0.00	46.42 0.18 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.04 0.23 0.00	49.32 0.20 0.00	54.93 0.49 0.00	61.28 0.91 0.00	75.61 1.34 0.00	68.12 1.01 0.00	62.97 0.81 0.00	58.53 0.64 0.00	54.65 0.27 0.00	50.76 -0.10 0.00	46.67 0.23 0.00
GOWANUS_GT1_1 24077	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT1_2 24078	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT1_3 24079	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT1_4 24080	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT1_5 24084	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT1_6 24111	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT1_7 24112	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT1_8 24113	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GOWANUS_GT2_1 24114	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
GOWANUS_GT2_2 24115	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
GOWANUS_GT2_3 24116	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01

GOWANUS_GT2_4 24117	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
GOWANUS_GT2_5 24118	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
GOWANUS_GT2_6 24119	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
GOWANUS_GT2_7 24120	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
GOWANUS_GT2_8 24121	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
GOWANUS_GT3_1 24122	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT3_2 24123	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT3_3 24124	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT3_4 24125	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT3_5 24126	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT3_6 24127	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT3_7 24128	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT3_8 24129	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
GOWANUS_GT4_1 24130	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01
GOWANUS_GT4_2 24131	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01

GOWANUS_GT4_3 24132	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01
GOWANUS_GT4_4 24133	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01
GOWANUS_GT4_5 24134	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01
GOWANUS_GT4_6 24135	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01
GOWANUS_GT4_7 24136	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01
GOWANUS_GT4_8 24137	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.41 1.82 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.58 3.27 0.00	61.59 5.14 -0.01	57.56 3.51 -0.01	47.85 3.00 -0.01	49.01 2.77 -0.01	49.26 2.70 -0.01	47.34 2.64 -0.01	49.49 2.67 -0.01	51.83 2.70 -0.01	57.55 3.10 -0.01	64.43 4.04 -0.01	79.04 4.75 -0.01	71.55 4.43 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.57 2.70 -0.01	48.54 2.09 -0.01
GREENBSH_115KV_TB3 55895	35.60 0.56 0.00	33.70 0.50 0.00	33.15 0.49 0.00	33.07 0.49 0.00	33.66 0.50 0.00	39.09 0.65 0.00	51.16 0.86 0.00	58.08 1.64 0.00	54.90 0.86 0.00	45.38 0.54 0.00	46.92 0.69 0.00	47.12 0.56 0.00	45.23 0.54 0.00	47.42 0.61 0.00	49.81 0.69 0.00	55.42 0.98 0.00	61.82 1.45 0.00	75.84 1.56 0.00	68.59 1.48 0.00	63.59 1.43 0.00	59.28 1.39 0.00	55.36 0.98 0.00	51.63 0.76 0.00	47.00 0.56 0.00
GREENIDGE_115KV_TB5 80291	34.90 -0.14 0.00	33.10 -0.10 0.00	32.50 -0.16 0.00	32.51 -0.07 0.00	33.16 0.00 0.00	38.48 0.04 0.00	50.01 -0.30 0.00	55.60 -0.85 0.00	53.87 -0.16 0.00	45.06 0.22 0.00	46.46 0.23 0.00	46.60 0.05 0.00	44.92 0.22 0.00	46.67 -0.14 0.00	48.88 -0.25 0.00	54.60 0.16 0.00	60.98 0.60 0.00	75.91 1.63 0.00	68.25 4.43 0.00	63.03 3.85 0.00	58.36 3.82 0.00	54.27 3.10 0.00	50.20 2.70 0.00	46.72 2.09 0.00
GREENIDGE___3 23582	34.90 -0.14 0.00	33.10 -0.10 0.00	32.50 -0.16 0.00	32.51 -0.07 0.00	33.16 0.00 0.00	38.48 0.04 0.00	50.01 -0.30 0.00	55.60 -0.85 0.00	53.87 -0.16 0.00	45.06 0.22 0.00	46.46 0.23 0.00	46.60 0.05 0.00	44.92 0.22 0.00	46.67 -0.14 0.00	48.88 -0.25 0.00	54.60 0.16 0.00	60.98 0.60 0.00	75.91 1.63 0.00	68.25 4.43 0.00	63.03 3.85 0.00	58.36 3.82 0.00	54.27 3.10 0.00	50.20 2.70 0.00	46.72 2.09 0.00
GREENIDGE___4 23583	34.90 -0.14 0.00	33.13 -0.07 0.00	32.57 -0.10 0.00	32.58 0.00 0.00	33.22 0.07 0.00	38.48 0.04 0.00	50.01 -0.30 0.00	56.05 -0.39 0.00	53.88 -0.16 0.00	45.07 0.23 0.00	46.46 0.23 0.00	47.02 0.47 0.00	44.92 0.22 0.00	47.09 0.28 0.00	49.07 -0.05 0.00	54.55 0.11 0.00	61.16 0.78 0.00	75.91 1.63 0.00	68.38 1.27 0.00	63.03 0.87 0.00	58.53 0.64 0.00	54.22 -0.16 0.00	50.36 -0.51 0.00	46.72 0.28 0.00
GREENLWN_69_KV_BK 3 55738	36.65 1.61 0.00	34.53 1.33 0.00	34.07 1.40 0.00	33.98 1.40 0.00	34.62 1.46 0.00	40.40 1.96 0.00	52.22 1.91 0.00	60.90 4.46 0.00	55.98 1.95 0.00	47.31 2.47 0.00	47.90 1.66 0.00	48.14 1.58 0.00	46.79 2.10 0.00	48.87 2.06 0.00	51.04 1.92 0.00	56.78 2.34 0.00	63.87 3.50 0.00	78.89 4.61 -0.01	71.48 4.36 -0.01	65.76 3.61 0.00	61.72 3.82 -0.01	57.05 2.66 0.00	52.85 1.98 0.00	48.67 2.23 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01
GRISSOM___SOLAR 323813	37.04 2.00 0.00	35.06 1.86 0.00	34.49 1.83 0.00	34.40 1.82 0.00	35.08 1.92 0.00	40.90 2.46 0.00	53.83 3.52 0.00	60.73 4.29 0.00	57.39 3.35 0.00	47.04 2.20 0.00	48.54 2.31 0.00	48.51 1.96 0.00	46.53 1.83 0.00	48.92 2.11 0.00	51.48 2.36 0.00	57.59 3.16 0.00	64.72 4.35 0.00	79.63 5.35 0.00	71.94 4.83 0.00	66.82 4.66 0.00	62.18 4.28 0.00	57.91 3.53 0.00	54.02 3.15 0.00	49.23 2.79 0.00
GROVEVILLE___HYD 323602	37.11 2.07 0.00	35.16 1.96 0.00	34.49 1.83 0.00	34.37 1.79 0.00	35.05 1.89 0.00	40.71 2.27 0.00	53.43 3.12 0.00	61.01 4.57 0.00	57.17 3.13 0.00	47.49 2.65 0.00	48.64 2.40 0.00	48.79 2.23 0.00	46.75 2.06 0.00	48.92 2.11 0.00	51.24 2.11 0.00	57.32 2.89 0.00	64.42 4.04 0.00	78.96 4.68 0.00	71.54 4.43 0.00	66.38 4.23 0.00	62.18 4.28 0.00	57.48 3.10 0.00	53.56 2.70 0.00	48.72 2.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.44 -0.60 0.00	32.70 -0.50 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.70 -0.60 0.00	55.76 -0.68 0.00	53.50 -0.54 0.00	44.35 -0.49 0.00	45.72 -0.51 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.44 -0.69 0.00	53.89 -0.54 0.00	60.01 -0.36 0.00	74.13 -0.15 0.00	66.84 -0.27 0.00	61.85 -0.31 0.00	57.49 -0.41 0.00	53.73 -0.65 0.00	50.00 -0.86 0.00	45.79 -0.65 0.00

HAMLTNNY_34_KV_TB 80303	34.41 -0.63 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.06 -0.52 0.00	32.66 -0.50 0.00	37.86 -0.58 0.00	49.65 -0.65 0.00	55.65 -0.79 0.00	53.44 -0.59 0.00	44.30 -0.54 0.00	45.68 -0.55 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.15 -0.66 0.00	48.39 -0.74 0.00	53.84 -0.60 0.00	60.01 -0.36 0.00	74.20 -0.07 0.00	66.91 -0.20 0.00	61.85 -0.31 0.00	57.49 -0.41 0.00	53.67 -0.71 0.00	49.95 -0.92 0.00	45.79 -0.65 0.00
HAMPSHIRE___PAPER_HYD 323593	36.97 1.93 0.00	34.99 1.79 0.00	34.30 1.63 0.00	34.27 1.69 0.00	34.95 1.79 0.00	40.86 2.42 0.00	50.91 0.61 0.00	57.12 0.68 0.00	55.17 1.14 0.00	45.33 0.49 0.00	46.65 0.42 0.00	47.35 0.79 0.00	45.50 0.81 0.00	47.75 0.94 0.00	50.35 1.23 0.00	56.39 1.96 0.00	62.85 2.48 0.00	77.62 3.35 0.00	69.86 2.75 0.00	64.89 2.73 0.00	60.27 2.37 0.00	56.77 2.39 0.00	52.59 1.73 0.00	47.93 1.49 0.00
HARDSCRABBLE_WT_PWR 323673	35.08 0.04 0.00	33.10 -0.10 0.00	32.53 -0.13 0.00	32.48 -0.10 0.00	33.03 -0.13 0.00	38.36 -0.08 0.00	50.36 0.05 0.00	56.73 0.28 0.00	54.25 0.22 0.00	45.07 0.23 0.00	46.51 0.28 0.00	46.93 0.37 0.00	45.05 0.36 0.00	47.23 0.42 0.00	49.66 0.54 0.00	55.25 0.82 0.00	61.64 1.27 0.00	75.84 1.56 0.00	68.52 1.41 0.00	63.52 1.37 0.00	59.23 1.33 0.00	55.58 1.19 0.00	51.88 1.02 0.00	47.32 0.88 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.62 1.58 0.00	34.66 1.46 0.00	34.04 1.37 0.00	33.91 1.34 0.00	34.58 1.43 0.00	40.13 1.69 0.00	52.62 2.31 0.00	60.11 3.67 0.00	56.31 2.27 0.00	46.81 1.97 0.00	47.99 1.76 0.00	48.19 1.63 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.69 1.57 0.00	56.56 2.12 0.00	63.39 3.02 0.00	77.77 3.49 0.00	70.46 3.36 0.00	65.27 3.11 0.00	61.08 3.18 0.00	56.61 2.23 0.00	52.70 1.83 0.00	47.97 1.53 0.00
HARSNRAD_115KV_TB1 81005	33.71 -1.33 0.00	32.17 -1.03 0.00	31.59 -1.08 0.00	31.67 -0.91 0.00	32.30 -0.86 0.00	37.25 -1.19 0.00	47.74 -2.57 0.00	51.59 -4.85 0.00	50.90 -3.13 0.00	42.51 -2.33 0.00	43.87 -2.36 0.00	44.69 -1.86 0.00	42.77 -1.92 0.00	44.98 -1.83 0.00	46.72 -2.41 0.00	52.15 -2.29 0.00	57.66 -2.72 0.00	72.20 -2.08 0.00	64.76 -2.35 0.00	59.49 -2.67 0.00	54.88 -3.01 0.00	51.44 -2.94 0.00	47.61 -3.26 0.00	44.44 -2.00 0.00
HARZA MOOSE___RIVER 24016	35.67 0.63 0.00	33.83 0.63 0.00	33.22 0.56 0.00	33.20 0.62 0.00	33.85 0.70 0.00	38.83 0.38 0.00	51.16 0.86 0.00	57.68 1.24 0.00	55.28 1.24 0.00	45.65 0.81 0.00	46.97 0.74 0.00	47.63 1.07 0.00	45.72 1.03 0.00	47.89 1.08 0.00	50.35 1.23 0.00	56.29 1.85 0.00	62.97 2.60 0.00	77.62 3.34 0.00	69.93 2.82 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.39 2.01 0.00	52.29 1.42 0.00	47.74 1.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.41 -0.63 0.00	32.64 -0.56 0.00	32.11 -0.56 0.00	32.06 -0.52 0.00	32.63 -0.53 0.00	37.83 -0.62 0.00	49.55 -0.75 0.00	55.60 -0.85 0.00	53.33 -0.70 0.00	44.26 -0.58 0.00	45.58 -0.65 0.00	45.95 -0.61 0.00	44.07 -0.63 0.00	46.11 -0.70 0.00	48.29 -0.84 0.00	53.73 -0.71 0.00	59.83 -0.54 0.00	73.83 -0.45 0.00	66.57 -0.54 0.00	61.60 -0.56 0.00	57.26 -0.64 0.00	53.51 -0.87 0.00	49.80 -1.07 0.00	45.65 -0.79 0.00
HELLGATE_13_KV_LD 55870	37.04 2.00 0.00	35.07 1.86 -0.01	34.40 1.73 -0.01	34.31 1.73 -0.01	34.99 1.82 -0.01	40.63 2.19 0.00	53.33 3.02 0.00	61.25 4.80 -0.01	57.12 3.08 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.87 3.50 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.45 3.29 0.00	61.19 3.30 0.00	57.05 2.66 0.00	53.20 2.34 0.00	48.20 1.76 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.04 2.00 0.00	35.07 1.86 -0.01	34.40 1.73 -0.01	34.31 1.73 -0.01	34.99 1.82 -0.01	40.63 2.19 0.00	53.33 3.02 0.00	61.25 4.80 -0.01	57.12 3.08 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.87 3.50 0.00	78.36 4.09 0.00	71.00 3.89 0.00	65.45 3.29 0.00	61.19 3.30 0.00	57.05 2.66 0.00	53.20 2.34 0.00	48.20 1.76 0.00
HEMPSTEAD____ 23647	36.69 1.65 0.00	34.59 1.39 0.00	33.91 1.24 0.00	33.82 1.24 0.00	34.62 1.46 0.00	40.32 1.88 0.00	52.72 2.41 0.00	60.11 3.67 0.00	56.09 2.05 0.00	47.08 2.24 0.00	48.22 1.99 0.00	48.33 1.77 0.00	46.75 2.06 0.00	49.01 2.20 0.00	51.48 2.36 0.00	56.94 2.51 0.00	64.24 3.87 0.00	78.90 4.61 -0.01	71.42 4.30 -0.01	65.95 3.79 0.00	61.62 3.71 -0.01	56.88 2.50 0.00	53.10 2.24 0.00	48.67 2.23 0.00
HEWLETT_69_KV_BK3 55828	37.04 2.00 0.00	34.93 1.73 0.00	34.40 1.73 0.00	34.31 1.73 0.00	34.95 1.79 -0.01	40.79 2.34 -0.01	53.12 2.82 0.00	61.69 5.25 0.00	57.01 2.97 0.00	47.80 2.96 -0.01	48.54 2.31 0.00	48.84 2.28 0.00	47.24 2.55 0.00	49.43 2.62 0.00	51.87 2.75 0.00	57.70 3.27 0.00	64.96 4.59 0.00	80.23 5.94 -0.01	72.63 5.50 -0.01	66.88 4.72 0.00	62.71 4.81 -0.01	58.03 3.64 0.00	53.81 2.95 0.00	49.23 2.79 -0.01
HICKLING___1 23621	35.00 -0.04 0.00	33.20 0.00 0.00	32.63 -0.03 0.00	32.61 0.03 0.00	33.29 0.13 0.00	38.56 0.12 0.00	50.36 0.05 0.00	55.82 -0.62 0.00	54.09 0.05 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.00 0.19 0.00	49.22 0.10 0.00	54.93 0.49 0.00	61.22 0.85 0.00	76.06 1.78 0.00	68.38 1.28 0.00	63.09 0.93 0.00	58.47 0.58 0.00	54.49 0.11 0.00	50.46 -0.41 0.00	46.77 0.33 0.00
HICKLING___2 23622	35.00 -0.04 0.00	33.20 0.00 0.00	32.63 -0.03 0.00	32.61 0.03 0.00	33.29 0.13 0.00	38.56 0.12 0.00	50.36 0.05 0.00	55.82 -0.62 0.00	54.09 0.05 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.00 0.19 0.00	49.22 0.10 0.00	54.93 0.49 0.00	61.22 0.85 0.00	76.06 1.78 0.00	68.38 1.28 0.00	63.09 0.93 0.00	58.47 0.58 0.00	54.49 0.11 0.00	50.46 -0.41 0.00	46.77 0.33 0.00
HIGH FALLS___HY 23754	37.56 2.52 0.00	35.59 2.39 0.00	34.85 2.19 0.00	34.73 2.15 0.00	35.45 2.29 0.00	41.25 2.81 0.00	54.08 3.77 0.00	61.69 5.25 0.00	57.71 3.67 0.00	47.98 3.14 0.00	48.96 2.73 0.00	49.12 2.56 0.00	46.93 2.23 0.00	49.10 2.29 0.00	51.38 2.26 0.00	57.70 3.27 0.00	65.14 4.77 0.00	79.70 5.42 0.00	72.34 5.23 0.00	67.25 5.10 0.00	63.16 5.27 0.00	58.08 3.70 0.00	54.07 3.20 0.00	49.27 2.83 0.00
HIGH_RIVER___SOLAR 323847	36.34 1.30 0.00	34.39 1.19 0.00	33.84 1.17 0.00	33.75 1.17 0.00	34.39 1.23 0.00	39.98 1.54 0.00	52.47 2.16 0.00	59.21 2.76 0.00	56.04 2.00 0.00	46.05 1.21 0.00	47.39 1.16 0.00	47.49 0.93 0.00	45.59 0.89 0.00	47.84 1.03 0.00	50.35 1.23 0.00	56.34 1.90 0.00	63.21 2.84 0.00	77.77 3.49 0.00	70.20 3.09 0.00	65.14 2.98 0.00	60.62 2.72 0.00	56.56 2.18 0.00	52.80 1.93 0.00	48.16 1.72 0.00

HILLBURN___GT 23639	36.51 1.47 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.45 1.29 0.00	39.90 1.46 0.00	52.32 2.01 0.00	59.49 3.05 0.00	55.88 1.84 0.00	46.68 1.84 0.00	47.89 1.66 0.00	48.05 1.49 0.00	46.17 1.47 0.00	48.31 1.50 0.00	50.55 1.43 0.00	56.13 1.69 0.00	62.97 2.59 0.00	77.40 3.12 0.00	70.13 3.02 0.00	64.83 2.67 0.00	60.50 2.61 0.00	56.12 1.74 0.00	52.39 1.52 0.00	47.74 1.30 0.00
HILLSIDE_115KV_TB1 80332	34.62 -0.42 0.00	32.87 -0.33 0.00	32.31 -0.36 0.00	32.29 -0.29 0.00	32.93 -0.23 0.00	38.13 -0.31 0.00	49.75 -0.55 0.00	55.20 -1.24 0.00	53.33 -0.70 0.00	44.30 -0.54 0.00	45.68 -0.55 0.00	46.18 -0.37 0.00	44.29 -0.40 0.00	46.34 -0.47 0.00	48.53 -0.59 0.00	54.11 -0.33 0.00	60.25 -0.12 0.00	74.65 0.37 0.00	67.18 0.07 0.00	62.03 -0.12 0.00	57.49 -0.41 0.00	53.67 -0.71 0.00	49.75 -1.12 0.00	46.02 -0.42 0.00
HISHELDN_WT_PWR 323625	33.95 -1.09 0.00	32.34 -0.86 0.00	31.85 -0.82 0.00	31.89 -0.69 0.00	32.53 -0.63 0.00	37.44 -1.00 0.00	48.34 -1.96 0.00	53.62 -2.82 0.00	51.87 -2.16 0.00	43.18 -1.66 0.00	44.57 -1.66 0.00	45.44 -1.12 0.00	43.49 -1.20 0.00	45.74 -1.07 0.00	48.00 -1.13 0.00	53.08 -1.36 0.00	59.35 -1.03 0.00	73.61 -0.67 0.00	66.17 -0.94 0.00	60.79 -1.37 0.00	56.45 -1.45 0.00	52.48 -1.90 0.00	48.83 -2.04 0.00	45.28 -1.16 0.00
HOLTSVILLE_IC_1 23690	36.54 1.51 0.00	34.39 1.19 0.00	33.78 1.11 0.00	33.65 1.07 0.00	34.55 1.39 0.00	40.40 1.96 0.00	52.82 2.51 0.00	60.33 3.89 0.00	55.93 1.89 0.00	46.95 2.11 0.00	47.85 1.62 0.00	47.95 1.40 0.00	46.48 1.79 0.00	49.15 2.34 0.00	51.97 2.85 0.00	57.81 3.38 0.00	65.26 4.89 0.00	79.71 5.42 -0.01	72.22 5.10 -0.01	66.64 4.48 0.00	62.47 4.57 -0.01	57.32 2.93 0.00	53.36 2.49 0.00	48.95 2.51 0.00
HOLTSVILLE_IC_10 23699	36.65 1.61 0.00	34.49 1.29 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.55 2.11 0.00	53.07 2.77 0.00	60.62 4.18 0.00	56.14 2.11 0.00	47.13 2.29 0.00	47.99 1.76 0.00	48.09 1.53 0.00	46.66 1.96 0.00	49.38 2.57 0.00	52.27 3.15 0.00	58.19 3.75 0.00	65.74 5.37 0.00	80.15 5.87 -0.01	72.62 5.50 -0.01	67.01 4.85 0.00	62.88 4.98 -0.01	57.64 3.26 0.00	53.61 2.74 0.00	49.13 2.69 0.00
HOLTSVILLE_IC_2 23691	36.54 1.51 0.00	34.39 1.19 0.00	33.78 1.11 0.00	33.65 1.07 0.00	34.55 1.39 0.00	40.40 1.96 0.00	52.82 2.51 0.00	60.33 3.89 0.00	55.93 1.89 0.00	46.95 2.11 0.00	47.85 1.62 0.00	47.95 1.40 0.00	46.48 1.79 0.00	49.15 2.34 0.00	51.97 2.85 0.00	57.81 3.38 0.00	65.26 4.89 0.00	79.71 5.42 -0.01	72.22 5.10 -0.01	66.64 4.48 0.00	62.47 4.57 -0.01	57.32 2.93 0.00	53.36 2.49 0.00	48.95 2.51 0.00
HOLTSVILLE_IC_3 23692	36.54 1.51 0.00	34.39 1.19 0.00	33.78 1.11 0.00	33.65 1.07 0.00	34.55 1.39 0.00	40.40 1.96 0.00	52.82 2.51 0.00	60.33 3.89 0.00	55.93 1.89 0.00	46.95 2.11 0.00	47.85 1.62 0.00	47.95 1.40 0.00	46.48 1.79 0.00	49.15 2.34 0.00	51.97 2.85 0.00	57.81 3.38 0.00	65.26 4.89 0.00	79.71 5.42 -0.01	72.22 5.10 -0.01	66.64 4.48 0.00	62.47 4.57 -0.01	57.32 2.93 0.00	53.36 2.49 0.00	48.95 2.51 0.00
HOLTSVILLE_IC_4 23693	36.54 1.51 0.00	34.39 1.19 0.00	33.78 1.11 0.00	33.65 1.07 0.00	34.55 1.39 0.00	40.40 1.96 0.00	52.82 2.51 0.00	60.33 3.89 0.00	55.93 1.89 0.00	46.95 2.11 0.00	47.85 1.62 0.00	47.95 1.40 0.00	46.48 1.79 0.00	49.15 2.34 0.00	51.97 2.85 0.00	57.81 3.38 0.00	65.26 4.89 0.00	79.71 5.42 -0.01	72.22 5.10 -0.01	66.64 4.48 0.00	62.47 4.57 -0.01	57.32 2.93 0.00	53.36 2.49 0.00	48.95 2.51 0.00
HOLTSVILLE_IC_5 23694	36.54 1.51 0.00	34.39 1.19 0.00	33.78 1.11 0.00	33.65 1.07 0.00	34.55 1.39 0.00	40.40 1.96 0.00	52.82 2.51 0.00	60.33 3.89 0.00	55.93 1.89 0.00	46.95 2.11 0.00	47.85 1.62 0.00	47.95 1.40 0.00	46.48 1.79 0.00	49.15 2.34 0.00	51.97 2.85 0.00	57.81 3.38 0.00	65.26 4.89 0.00	79.71 5.42 -0.01	72.22 5.10 -0.01	66.64 4.48 0.00	62.47 4.57 -0.01	57.32 2.93 0.00	53.36 2.49 0.00	48.95 2.51 0.00
HOLTSVILLE_IC_6 23695	36.65 1.61 0.00	34.49 1.29 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.55 2.11 0.00	53.07 2.77 0.00	60.62 4.18 0.00	56.14 2.11 0.00	47.13 2.29 0.00	47.99 1.76 0.00	48.09 1.53 0.00	46.66 1.96 0.00	49.38 2.57 0.00	52.27 3.15 0.00	58.19 3.75 0.00	65.74 5.37 0.00	80.15 5.87 -0.01	72.62 5.50 -0.01	67.01 4.85 0.00	62.88 4.98 -0.01	57.64 3.26 0.00	53.61 2.74 0.00	49.13 2.69 0.00
HOLTSVILLE_IC_7 23696	36.65 1.61 0.00	34.49 1.29 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.55 2.11 0.00	53.07 2.77 0.00	60.62 4.18 0.00	56.14 2.11 0.00	47.13 2.29 0.00	47.99 1.76 0.00	48.09 1.53 0.00	46.66 1.96 0.00	49.38 2.57 0.00	52.27 3.15 0.00	58.19 3.75 0.00	65.74 5.37 0.00	80.15 5.87 -0.01	72.62 5.50 -0.01	67.01 4.85 0.00	62.88 4.98 -0.01	57.64 3.26 0.00	53.61 2.74 0.00	49.13 2.69 0.00
HOLTSVILLE_IC_8 23697	36.65 1.61 0.00	34.49 1.29 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.55 2.11 0.00	53.07 2.77 0.00	60.62 4.18 0.00	56.14 2.11 0.00	47.13 2.29 0.00	47.99 1.76 0.00	48.09 1.53 0.00	46.66 1.96 0.00	49.38 2.57 0.00	52.27 3.15 0.00	58.19 3.75 0.00	65.74 5.37 0.00	80.15 5.87 -0.01	72.62 5.50 -0.01	67.01 4.85 0.00	62.88 4.98 -0.01	57.64 3.26 0.00	53.61 2.74 0.00	49.13 2.69 0.00
HOLTSVILLE_IC_9 23698	36.65 1.61 0.00	34.49 1.29 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.55 2.11 0.00	53.07 2.77 0.00	60.62 4.18 0.00	56.14 2.11 0.00	47.13 2.29 0.00	47.99 1.76 0.00	48.09 1.53 0.00	46.66 1.96 0.00	49.38 2.57 0.00	52.27 3.15 0.00	58.19 3.75 0.00	65.74 5.37 0.00	80.15 5.87 -0.01	72.62 5.50 -0.01	67.01 4.85 0.00	62.88 4.98 -0.01	57.64 3.26 0.00	53.61 2.74 0.00	49.13 2.69 0.00
HOMER_HL_115KV_TB2 355744	34.55 -0.49 0.00	32.84 -0.37 0.00	32.31 -0.36 0.00	32.32 -0.26 0.00	33.03 -0.13 0.00	38.10 -0.35 0.00	49.25 -1.06 0.00	53.62 -2.82 0.00	52.52 -1.51 0.00	43.76 -1.08 0.00	45.17 -1.06 0.00	46.04 -0.51 0.00	44.07 -0.63 0.00	46.25 -0.56 0.00	48.29 -0.84 0.00	53.84 -0.60 0.00	59.95 -0.42 0.00	74.80 0.52 0.00	67.11 0.00 0.00	61.72 -0.44 0.00	57.02 -0.87 0.00	53.29 -1.09 0.00	49.24 -1.63 0.00	46.07 -0.37 0.00
HOWARD_WT_PWR 323690	34.48 -0.56 0.00	32.64 -0.56 0.00	32.14 -0.52 0.00	32.19 -0.39 0.00	32.73 -0.43 0.00	37.87 -0.58 0.00	49.40 -0.90 0.00	55.37 -1.07 0.00	53.60 -0.43 0.00	44.75 -0.09 0.00	46.32 0.09 0.00	47.16 0.60 0.00	45.05 0.36 0.00	47.37 0.56 0.00	49.81 0.69 0.00	55.25 0.82 0.00	62.12 1.75 0.00	77.10 2.82 0.00	69.32 2.21 0.00	63.84 1.68 0.00	59.28 1.39 0.00	54.93 0.54 0.00	51.12 0.26 0.00	47.28 0.84 0.00

HQ_GEN_CEDARS 23644	39.70 4.66 0.00	37.58 4.38 0.00	36.81 4.15 0.00	36.75 4.17 0.00	37.50 4.34 0.00	39.13 0.69 0.00	51.77 1.46 0.00	57.91 1.47 0.00	56.09 2.05 0.00	46.23 1.39 0.00	47.57 1.34 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.68 1.87 0.00	51.48 2.36 0.00	57.21 2.78 0.00	63.75 3.38 0.00	78.96 4.68 0.00	71.07 3.96 0.00	66.01 3.85 0.00	61.31 3.42 0.00	57.81 3.43 0.00	53.87 3.00 0.00	49.13 2.69 0.00
HQ_GEN_CEDARS_PROXY 323590	39.74 4.70 0.00	37.58 4.38 0.00	36.81 4.15 0.00	36.78 4.20 0.00	37.50 4.34 0.00	43.86 5.42 0.00	52.50 1.66 -0.54	57.54 1.64 0.54	56.41 2.37 0.00	46.23 1.39 0.00	47.57 1.34 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.68 1.87 0.00	51.48 2.36 0.00	57.59 3.16 0.00	63.93 3.56 0.00	79.04 4.76 0.00	71.07 3.96 0.00	66.14 3.98 0.00	61.37 3.47 0.00	58.19 3.81 0.00	53.92 3.05 0.00	49.13 2.69 0.00
HQ_GEN_IMPORT 323601	35.18 0.14 0.00	33.30 0.10 0.00	32.76 0.10 0.00	32.64 0.07 0.00	33.22 0.07 0.00	38.56 0.12 0.00	51.46 0.05 -1.10	54.60 -0.39 1.45	54.60 0.22 -0.35	44.97 0.13 0.00	46.42 0.19 0.00	46.79 0.23 0.00	44.92 0.22 0.00	47.05 0.24 0.00	49.47 0.35 0.00	54.60 0.16 0.00	59.89 -0.49 0.00	73.61 -0.67 0.00	66.57 -0.54 0.00	61.73 -0.43 0.00	57.49 -0.40 0.00	54.60 0.22 0.00	51.27 0.41 0.00	46.77 0.33 0.00
HQ_GEN_WHEEL 23651	35.18 0.14 0.00	33.30 0.10 0.00	32.76 0.10 0.00	32.64 0.07 0.00	33.22 0.07 0.00	38.56 0.12 0.00	51.46 0.05 -1.10	54.60 -0.39 1.45	54.60 0.22 -0.35	44.97 0.13 0.00	46.42 0.19 0.00	46.79 0.23 0.00	44.92 0.22 0.00	47.05 0.24 0.00	49.47 0.35 0.00	54.60 0.16 0.00	59.89 -0.49 0.00	73.61 -0.67 0.00	66.57 -0.54 0.00	61.73 -0.43 0.00	57.49 -0.40 0.00	54.60 0.22 0.00	51.27 0.41 0.00	46.77 0.33 0.00
HUDSON AVE_GT_3 23810	36.86 1.82 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.78 1.62 0.00	40.44 2.00 0.00	53.12 2.82 0.00	61.07 4.63 0.00	57.17 3.13 0.00	47.58 2.74 0.00	48.64 2.40 0.00	48.88 2.33 0.00	47.02 2.32 0.00	49.20 2.39 0.00	51.53 2.41 0.00	57.27 2.83 0.00	64.06 3.68 0.00	78.73 4.46 0.00	71.34 4.23 0.00	65.76 3.61 0.00	61.42 3.53 0.00	57.21 2.83 0.00	53.20 2.34 0.00	48.20 1.76 0.00
HUDSON AVE_GT_4 23540	36.86 1.82 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.78 1.62 0.00	40.44 2.00 0.00	53.12 2.82 0.00	61.07 4.63 0.00	57.17 3.13 0.00	47.58 2.74 0.00	48.64 2.40 0.00	48.88 2.33 0.00	47.02 2.32 0.00	49.20 2.39 0.00	51.53 2.41 0.00	57.27 2.83 0.00	64.06 3.68 0.00	78.73 4.46 0.00	71.34 4.23 0.00	65.76 3.61 0.00	61.42 3.53 0.00	57.21 2.83 0.00	53.20 2.34 0.00	48.20 1.76 0.00
HUDSON AVE_GT_5 23657	36.86 1.82 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.78 1.62 0.00	40.44 2.00 0.00	53.12 2.82 0.00	61.07 4.63 0.00	57.17 3.13 0.00	47.58 2.74 0.00	48.64 2.40 0.00	48.88 2.33 0.00	47.02 2.32 0.00	49.20 2.39 0.00	51.53 2.41 0.00	57.27 2.83 0.00	64.06 3.68 0.00	78.73 4.46 0.00	71.34 4.23 0.00	65.76 3.61 0.00	61.42 3.53 0.00	57.21 2.83 0.00	53.20 2.34 0.00	48.20 1.76 0.00
HUDSON_AVE_10 24168	36.79 1.75 0.00	34.79 1.59 0.00	34.13 1.47 0.00	34.01 1.43 0.00	34.72 1.56 0.00	40.36 1.92 0.00	53.02 2.72 0.00	61.01 4.57 0.00	57.12 3.08 0.00	47.49 2.65 0.00	48.59 2.36 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.10 2.29 0.00	51.43 2.31 0.00	57.21 2.78 0.00	63.99 3.62 0.00	78.66 4.38 0.00	71.27 4.16 0.00	65.70 3.54 0.00	61.37 3.47 0.00	57.16 2.77 0.00	53.10 2.24 0.00	48.11 1.67 0.00
HUDSON___115KV_TB 4 355613	36.44 1.40 0.00	34.53 1.33 0.00	33.94 1.27 0.00	33.85 1.27 0.00	34.48 1.33 0.00	40.13 1.69 0.00	52.52 2.21 0.00	59.49 3.05 0.00	56.14 2.11 0.00	46.27 1.43 0.00	47.76 1.53 0.00	47.86 1.30 0.00	45.86 1.16 0.00	48.07 1.26 0.00	50.55 1.42 0.00	56.61 2.18 0.00	63.39 3.02 0.00	77.62 3.34 0.00	70.33 3.22 0.00	65.33 3.17 0.00	61.02 3.13 0.00	56.72 2.34 0.00	52.90 2.03 0.00	48.25 1.81 0.00
HUNTER MOUNT___DRP 323613	36.72 1.68 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.14 1.56 0.00	34.75 1.59 0.00	40.48 2.04 0.00	52.92 2.62 0.00	59.83 3.39 0.00	56.41 2.38 0.00	46.50 1.66 0.00	47.90 1.66 0.00	48.00 1.44 0.00	45.90 1.21 0.00	48.12 1.31 0.00	50.55 1.42 0.00	56.89 2.45 0.00	63.81 3.44 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.89 3.73 0.00	61.60 3.71 0.00	57.10 2.72 0.00	53.25 2.39 0.00	48.72 2.28 0.00
HUNTINGTON_RES_REC 323705	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.62 1.46 0.00	40.48 2.04 0.00	52.62 2.32 0.00	60.11 3.67 0.00	55.77 1.73 0.00	47.04 2.20 0.00	48.13 1.90 0.00	48.19 1.63 0.00	46.75 2.06 0.00	49.10 2.29 0.00	51.72 2.60 0.00	57.37 2.94 0.00	64.96 4.59 0.00	79.41 5.12 -0.01	71.95 4.83 -0.01	66.39 4.23 0.00	62.30 4.40 -0.01	57.21 2.83 0.00	53.21 2.34 0.00	48.95 2.51 0.00
HUNTLEY___63 23557	33.99 -1.05 0.00	32.44 -0.76 0.00	31.85 -0.82 0.00	31.89 -0.68 0.00	32.56 -0.60 0.00	37.52 -0.92 0.00	48.04 -2.26 0.00	51.87 -4.57 0.00	51.23 -2.81 0.00	42.82 -2.02 0.00	44.20 -2.03 0.00	45.07 -1.49 0.00	43.13 -1.56 0.00	45.31 -1.50 0.00	47.11 -2.01 0.00	52.53 -1.91 0.00	58.08 -2.29 0.00	72.79 -1.49 0.00	65.23 -1.88 0.00	59.92 -2.24 0.00	55.29 -2.61 0.00	51.83 -2.56 0.00	47.96 -2.90 0.00	44.72 -1.72 0.00
HUNTLEY___64 23558	33.99 -1.05 0.00	32.44 -0.76 0.00	31.85 -0.82 0.00	31.89 -0.68 0.00	32.56 -0.60 0.00	37.52 -0.92 0.00	48.04 -2.26 0.00	51.87 -4.57 0.00	51.23 -2.81 0.00	42.82 -2.02 0.00	44.20 -2.03 0.00	45.07 -1.49 0.00	43.13 -1.56 0.00	45.31 -1.50 0.00	47.11 -2.01 0.00	52.53 -1.91 0.00	58.08 -2.29 0.00	72.79 -1.49 0.00	65.23 -1.88 0.00	59.92 -2.24 0.00	55.29 -2.61 0.00	51.83 -2.56 0.00	47.96 -2.90 0.00	44.72 -1.72 0.00
HUNTLEY___65 23559	33.99 -1.05 0.00	32.44 -0.76 0.00	31.85 -0.82 0.00	31.89 -0.68 0.00	32.56 -0.60 0.00	37.52 -0.92 0.00	48.04 -2.26 0.00	51.87 -4.57 0.00	51.23 -2.81 0.00	42.82 -2.02 0.00	44.20 -2.03 0.00	45.07 -1.49 0.00	43.13 -1.56 0.00	45.31 -1.50 0.00	47.11 -2.01 0.00	52.53 -1.91 0.00	58.08 -2.29 0.00	72.79 -1.49 0.00	65.23 -1.88 0.00	59.92 -2.24 0.00	55.29 -2.61 0.00	51.83 -2.56 0.00	47.96 -2.90 0.00	44.72 -1.72 0.00
HUNTLEY___66 23560	33.99 -1.05 0.00	32.44 -0.76 0.00	31.85 -0.82 0.00	31.89 -0.68 0.00	32.56 -0.60 0.00	37.52 -0.92 0.00	48.04 -2.26 0.00	51.87 -4.57 0.00	51.23 -2.81 0.00	42.82 -2.02 0.00	44.20 -2.03 0.00	45.07 -1.49 0.00	43.13 -1.56 0.00	45.31 -1.50 0.00	47.11 -2.01 0.00	52.53 -1.91 0.00	58.08 -2.29 0.00	72.79 -1.49 0.00	65.23 -1.88 0.00	59.92 -2.24 0.00	55.29 -2.61 0.00	51.83 -2.56 0.00	47.96 -2.90 0.00	44.72 -1.72 0.00



HUNTLEY___67 23561	33.67 -1.37 0.00	32.10 -1.10 0.00	31.55 -1.11 0.00	31.60 -0.98 0.00	32.23 -0.93 0.00	37.17 -1.27 0.00	47.69 -2.62 0.00	51.53 -4.91 0.00	50.79 -3.24 0.00	42.46 -2.38 0.00	43.78 -2.45 0.00	44.65 -1.91 0.00	42.73 -1.97 0.00	44.89 -1.92 0.00	46.67 -2.46 0.00	52.04 -2.40 0.00	57.60 -2.78 0.00	71.98 -2.30 0.00	64.56 -2.55 0.00	59.36 -2.80 0.00	54.77 -3.13 0.00	51.34 -3.05 0.00	47.56 -3.31 0.00	44.40 -2.04 0.00
HUNTLEY___68 23562	33.67 -1.37 0.00	32.10 -1.10 0.00	31.55 -1.11 0.00	31.60 -0.98 0.00	32.23 -0.93 0.00	37.17 -1.27 0.00	47.69 -2.62 0.00	51.53 -4.91 0.00	50.79 -3.24 0.00	42.46 -2.38 0.00	43.78 -2.45 0.00	44.65 -1.91 0.00	42.73 -1.97 0.00	44.89 -1.92 0.00	46.67 -2.46 0.00	52.04 -2.40 0.00	57.60 -2.78 0.00	71.98 -2.30 0.00	64.56 -2.55 0.00	59.36 -2.80 0.00	54.77 -3.13 0.00	51.34 -3.05 0.00	47.56 -3.31 0.00	44.40 -2.04 0.00
HYLAND___LFG 323620	35.81 0.77 0.00	34.06 0.86 0.00	33.45 0.78 0.00	33.49 0.91 0.00	34.15 0.99 0.00	39.44 1.00 0.00	51.67 1.36 0.00	57.97 1.52 0.00	55.82 1.78 0.00	46.23 1.39 0.00	47.30 1.06 0.00	47.86 1.30 0.00	45.72 1.03 0.00	48.07 1.26 0.00	50.65 1.52 0.00	54.65 0.22 0.00	61.76 1.39 0.00	77.40 3.12 0.00	69.52 2.41 0.00	64.09 1.93 0.00	59.46 1.56 0.00	54.76 0.38 0.00	52.34 1.48 0.00	48.11 1.67 0.00
INDECK___CORINTH 23802	36.16 1.12 0.00	34.20 1.00 0.00	33.64 0.98 0.00	33.59 1.01 0.00	34.25 1.09 0.00	39.56 1.12 0.00	52.07 1.76 0.00	58.87 2.43 0.00	55.61 1.57 0.00	45.65 0.81 0.00	47.20 0.97 0.00	47.30 0.74 0.00	45.36 0.67 0.00	47.61 0.80 0.00	50.20 1.08 0.00	56.13 1.69 0.00	62.72 2.35 0.00	77.17 2.89 0.00	69.66 2.55 0.00	64.65 2.49 0.00	60.15 2.26 0.00	56.50 2.12 0.00	52.49 1.63 0.00	47.97 1.53 0.00
INDECK___ILION 23567	35.25 0.21 0.00	33.37 0.17 0.00	32.83 0.16 0.00	32.74 0.16 0.00	33.32 0.17 0.00	38.67 0.23 0.00	50.66 0.35 0.00	57.06 0.62 0.00	54.47 0.43 0.00	45.20 0.36 0.00	46.60 0.37 0.00	46.98 0.42 0.00	45.10 0.40 0.00	47.23 0.42 0.00	49.61 0.49 0.00	55.14 0.71 0.00	61.40 1.03 0.00	75.54 1.26 0.00	68.25 1.14 0.00	63.21 1.06 0.00	58.88 0.98 0.00	55.25 0.87 0.00	51.53 0.66 0.00	47.04 0.60 0.00
INDECK___OLEAN 23982	34.55 -0.49 0.00	32.90 -0.30 0.00	32.44 -0.23 0.00	32.45 -0.13 0.00	33.16 0.00 0.00	38.06 -0.38 0.00	49.25 -1.06 0.00	54.24 -2.20 0.00	52.58 -1.46 0.00	43.76 -1.08 0.00	45.17 -1.06 0.00	46.09 -0.47 0.00	44.07 -0.63 0.00	46.30 -0.51 0.00	48.58 -0.54 0.00	53.79 -0.65 0.00	60.37 0.00 0.00	74.80 0.52 0.00	67.24 0.13 0.00	61.73 -0.43 0.00	57.31 -0.58 0.00	53.24 -1.14 0.00	49.39 -1.48 0.00	46.07 -0.37 0.00
INDECK___OSWEGO 23783	33.85 -1.19 0.00	32.14 -1.06 0.00	31.62 -1.05 0.00	31.57 -1.01 0.00	32.13 -1.03 0.00	37.21 -1.23 0.00	48.75 -1.56 0.00	54.80 -1.64 0.00	52.42 -1.62 0.00	43.45 -1.39 0.00	44.75 -1.48 0.00	45.11 -1.44 0.00	43.26 -1.43 0.00	45.31 -1.50 0.00	47.55 -1.57 0.00	52.80 -1.63 0.00	58.92 -1.45 0.00	72.64 -1.63 0.00	65.57 -1.54 0.00	60.67 -1.49 0.00	56.45 -1.45 0.00	52.70 -1.69 0.00	49.13 -1.73 0.00	44.91 -1.53 0.00
INDECK___YERKES 23781	34.02 -1.02 0.00	32.50 -0.70 0.00	32.01 -0.65 0.00	32.06 -0.52 0.00	32.69 -0.46 0.00	37.52 -0.92 0.00	48.10 -2.21 0.00	53.17 -3.28 0.00	51.50 -2.54 0.00	42.87 -1.97 0.00	44.24 -1.99 0.00	45.16 -1.40 0.00	43.17 -1.52 0.00	45.41 -1.40 0.00	47.60 -1.52 0.00	52.59 -1.85 0.00	58.75 -1.63 0.00	72.86 -1.41 0.00	65.50 -1.61 0.00	60.11 -2.05 0.00	55.81 -2.08 0.00	51.88 -2.50 0.00	48.32 -2.54 0.00	44.77 -1.67 0.00
INDIAN POINT_GT_1 24139	36.55 1.51 0.00	34.59 1.39 0.00	33.97 1.31 0.00	33.85 1.27 0.00	34.52 1.36 0.00	40.06 1.61 0.00	52.57 2.26 0.00	60.28 3.84 0.00	56.41 2.38 0.00	46.90 2.06 0.00	48.08 1.85 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.54 1.73 0.00	50.89 1.77 0.00	56.61 2.18 0.00	63.39 3.02 0.00	77.84 3.57 0.00	70.53 3.42 0.00	65.14 2.98 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.70 1.83 0.00	47.83 1.39 0.00
INDIAN POINT_GT_2 23659	36.55 1.51 0.00	34.59 1.39 0.00	33.97 1.31 0.00	33.85 1.27 0.00	34.52 1.36 0.00	40.06 1.61 0.00	52.57 2.26 0.00	60.28 3.84 0.00	56.41 2.38 0.00	46.90 2.06 0.00	48.08 1.85 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.54 1.73 0.00	50.89 1.77 0.00	56.61 2.18 0.00	63.39 3.02 0.00	77.84 3.57 0.00	70.53 3.42 0.00	65.14 2.98 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.70 1.83 0.00	47.83 1.39 0.00
INDIAN POINT_GT_3 24019	36.55 1.51 0.00	34.59 1.39 0.00	33.97 1.31 0.00	33.85 1.27 0.00	34.52 1.36 0.00	40.06 1.61 0.00	52.57 2.26 0.00	60.28 3.84 0.00	56.41 2.38 0.00	46.90 2.06 0.00	48.08 1.85 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.54 1.73 0.00	50.89 1.77 0.00	56.61 2.18 0.00	63.39 3.02 0.00	77.84 3.57 0.00	70.53 3.42 0.00	65.14 2.98 0.00	60.90 3.01 0.00	56.61 2.23 0.00	52.70 1.83 0.00	47.83 1.39 0.00
INDIAN POINT___2 23530	36.51 1.47 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.45 1.29 0.00	39.90 1.46 0.00	52.32 2.01 0.00	59.49 3.05 0.00	55.93 1.89 0.00	46.68 1.84 0.00	47.94 1.71 0.00	48.14 1.58 0.00	46.26 1.56 0.00	48.40 1.59 0.00	50.60 1.47 0.00	56.18 1.74 0.00	62.97 2.59 0.00	77.47 3.19 0.00	70.13 3.02 0.00	64.83 2.67 0.00	60.50 2.61 0.00	56.12 1.74 0.00	52.44 1.58 0.00	47.74 1.30 0.00
INDIAN POINT___3 23531	36.55 1.51 0.00	34.56 1.36 0.00	33.94 1.27 0.00	33.82 1.24 0.00	34.48 1.33 0.00	40.02 1.58 0.00	52.47 2.16 0.00	60.11 3.67 0.00	56.31 2.27 0.00	46.81 1.97 0.00	47.99 1.76 0.00	48.19 1.63 0.00	46.30 1.61 0.00	48.45 1.64 0.00	50.79 1.67 0.00	56.50 2.07 0.00	63.27 2.90 0.00	77.69 3.42 0.00	70.33 3.22 0.00	65.02 2.86 0.00	60.79 2.89 0.00	56.50 2.12 0.00	52.59 1.73 0.00	47.79 1.35 0.00
INGHAM_C_115KV_TB7 356103	35.29 0.25 0.00	33.33 0.13 0.00	32.76 0.10 0.00	32.71 0.13 0.00	33.29 0.13 0.00	38.63 0.19 0.00	50.66 0.35 0.00	57.12 0.68 0.00	54.58 0.54 0.00	45.29 0.45 0.00	46.74 0.51 0.00	47.12 0.56 0.00	45.23 0.54 0.00	47.42 0.61 0.00	49.81 0.69 0.00	55.52 1.09 0.00	61.88 1.51 0.00	76.13 1.86 0.00	68.79 1.68 0.00	63.71 1.55 0.00	59.40 1.51 0.00	55.74 1.36 0.00	51.98 1.12 0.00	47.46 1.02 0.00
IP CORINTH___1 23988	36.37 1.33 0.00	34.40 1.20 0.00	33.84 1.18 0.00	33.75 1.17 0.00	34.45 1.29 0.00	39.79 1.35 0.00	52.12 1.81 0.00	59.38 2.93 0.00	55.93 1.89 0.00	45.87 1.03 0.00	47.48 1.25 0.00	47.53 0.98 0.00	45.63 0.94 0.00	47.89 1.08 0.00	50.50 1.38 0.00	56.56 2.12 0.00	63.15 2.78 0.00	77.47 3.19 0.00	70.06 2.95 0.00	64.96 2.80 0.00	60.50 2.61 0.00	56.94 2.56 0.00	52.80 1.93 0.00	48.20 1.76 0.00

IP___TICONDEROGA 23804	37.25 2.21 0.00	35.19 1.99 0.00	34.62 1.96 0.00	34.53 1.95 0.00	35.28 2.12 0.00	41.02 2.58 0.00	53.73 3.42 0.00	61.52 5.08 0.00	57.87 3.84 0.00	47.22 2.38 0.00	48.91 2.68 0.00	48.93 2.37 0.00	46.88 2.19 0.00	49.24 2.43 0.00	52.12 3.00 0.00	58.57 4.14 0.00	65.44 5.07 0.00	80.22 5.94 0.00	72.61 5.50 0.00	67.25 5.10 0.00	62.64 4.75 0.00	58.79 4.40 0.00	54.32 3.46 0.00	49.60 3.16 0.00
ISLIP_RES_REC 323679	36.79 1.75 0.00	34.63 1.43 0.00	33.97 1.31 0.00	33.88 1.30 0.00	34.82 1.66 0.00	40.75 2.31 0.00	53.33 3.02 0.00	60.96 4.52 0.00	56.41 2.37 0.00	47.35 2.51 0.00	48.22 1.99 0.00	48.33 1.77 0.00	46.88 2.19 0.00	49.62 2.81 0.00	52.56 3.44 0.00	58.52 4.08 0.00	66.17 5.80 0.00	80.75 6.46 -0.01	73.16 6.04 -0.01	67.44 5.28 0.00	63.29 5.38 -0.01	57.97 3.59 0.00	53.86 3.00 0.00	49.41 2.97 0.00
JAMAICA__27_KV_LOAD 355505	36.97 1.93 0.00	34.96 1.76 0.00	34.30 1.63 0.00	34.18 1.60 0.00	34.88 1.72 0.00	40.59 2.15 0.00	53.43 3.12 0.00	61.58 5.14 0.00	57.55 3.51 0.00	47.89 3.05 0.00	48.91 2.68 0.00	49.16 2.61 0.00	47.29 2.59 0.00	49.43 2.62 0.00	51.82 2.70 0.00	57.65 3.21 0.00	64.60 4.23 0.00	79.48 5.20 0.00	72.01 4.90 0.00	66.38 4.23 0.00	62.00 4.11 0.00	57.64 3.26 0.00	53.56 2.70 0.00	48.44 2.00 0.00
JANIS___SOLAR 323808	36.41 1.37 0.00	34.49 1.29 0.00	33.87 1.21 0.00	33.88 1.30 0.00	34.52 1.36 0.00	40.21 1.77 0.00	53.07 2.77 0.00	67.05 10.61 0.00	63.98 9.94 0.00	51.88 7.04 0.00	52.84 6.61 0.00	53.82 7.26 0.00	51.66 6.97 0.00	54.07 7.26 0.00	56.98 7.86 0.00	65.38 10.94 0.00	75.41 15.04 0.00	80.67 6.39 0.00	72.68 5.57 0.00	67.19 5.03 0.00	62.41 4.52 0.00	57.97 3.59 0.00	53.66 2.80 0.00	49.18 2.74 0.00
JARVIS____ 23743	35.11 0.07 0.00	33.27 0.07 0.00	32.73 0.07 0.00	32.68 0.10 0.00	33.22 0.07 0.00	38.52 0.08 0.00	50.46 0.15 0.00	56.73 0.28 0.00	54.15 0.11 0.00	44.97 0.13 0.00	46.37 0.14 0.00	46.65 0.09 0.00	44.83 0.13 0.00	46.95 0.14 0.00	49.22 0.10 0.00	54.60 0.16 0.00	60.80 0.43 0.00	74.73 0.45 0.00	67.51 0.41 0.00	62.53 0.38 0.00	58.24 0.35 0.00	54.60 0.22 0.00	51.02 0.15 0.00	46.53 0.09 0.00
JENNISON___1 23625	36.51 1.47 0.00	34.59 1.39 0.00	33.94 1.27 0.00	33.98 1.40 0.00	34.58 1.43 0.00	40.36 1.92 0.00	53.07 2.77 0.00	61.52 5.08 0.00	58.95 4.92 0.00	48.43 3.59 0.00	49.70 3.47 0.00	50.37 3.82 0.00	48.36 3.66 0.00	50.60 3.79 0.00	53.15 4.03 0.00	60.15 5.72 0.00	68.04 7.67 0.00	80.81 6.54 0.00	72.75 5.64 0.00	67.25 5.10 0.00	62.52 4.63 0.00	58.30 3.92 0.00	53.81 2.95 0.00	49.37 2.93 0.00
JENNISON___2 23626	36.51 1.47 0.00	34.59 1.39 0.00	33.94 1.27 0.00	33.98 1.40 0.00	34.58 1.43 0.00	40.36 1.92 0.00	53.07 2.77 0.00	61.52 5.08 0.00	58.95 4.92 0.00	48.43 3.59 0.00	49.70 3.47 0.00	50.37 3.82 0.00	48.36 3.66 0.00	50.60 3.79 0.00	53.15 4.03 0.00	60.15 5.72 0.00	68.04 7.67 0.00	80.81 6.54 0.00	72.75 5.64 0.00	67.25 5.10 0.00	62.52 4.63 0.00	58.30 3.92 0.00	53.81 2.95 0.00	49.37 2.93 0.00
JERICHO_RISE_WT_PWR 323719	35.67 0.63 0.00	33.63 0.43 0.00	32.99 0.33 0.00	32.71 0.13 0.00	33.36 0.20 0.00	38.86 0.42 0.00	50.46 0.15 0.00	55.82 -0.62 0.00	54.69 0.65 0.00	45.29 0.45 0.00	46.79 0.56 0.00	47.26 0.70 0.00	45.45 0.76 0.00	47.61 0.80 0.00	50.25 1.13 0.00	55.63 1.20 0.00	60.43 0.06 0.00	74.65 0.37 0.00	67.51 0.41 0.00	62.78 0.62 0.00	58.41 0.52 0.00	56.07 1.69 0.00	52.64 1.78 0.00	48.02 1.58 0.00
KATONAH__115KV_46KV_TB4 355592	36.86 1.82 0.00	34.89 1.69 0.00	34.27 1.60 0.00	34.11 1.53 0.00	34.82 1.66 0.00	40.44 2.00 0.00	53.23 2.92 0.00	61.13 4.68 0.00	57.23 3.19 0.00	47.49 2.65 0.00	48.68 2.45 0.00	48.93 2.37 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.53 2.41 0.00	57.38 2.94 0.00	64.24 3.86 0.00	78.96 4.68 0.00	71.54 4.43 0.00	66.20 4.04 0.00	61.89 3.99 0.00	57.48 3.10 0.00	53.41 2.54 0.00	48.34 1.90 0.00
KCE_NY_1 323755	36.76 1.72 0.00	34.79 1.59 0.00	34.23 1.57 0.00	34.14 1.56 0.00	34.78 1.62 0.00	40.36 1.92 0.00	53.07 2.77 0.00	59.94 3.50 0.00	56.74 2.70 0.00	46.72 1.88 0.00	48.31 2.08 0.00	48.42 1.86 0.00	46.53 1.83 0.00	48.78 1.97 0.00	51.34 2.21 0.00	57.27 2.83 0.00	63.99 3.62 0.00	78.73 4.46 0.00	71.07 3.96 0.00	65.95 3.79 0.00	61.37 3.47 0.00	57.37 2.99 0.00	53.41 2.54 0.00	48.71 2.27 0.00
KCE_NY_6_ESR 323823	34.17 -0.87 0.00	32.57 -0.63 0.00	32.11 -0.56 0.00	32.15 -0.42 0.00	32.79 -0.36 0.00	37.71 -0.73 0.00	48.50 -1.81 0.00	53.62 -2.82 0.00	51.93 -2.11 0.00	43.27 -1.57 0.00	44.66 -1.57 0.00	45.58 -0.98 0.00	43.58 -1.12 0.00	45.82 -0.99 0.00	48.09 -1.03 0.00	53.13 -1.31 0.00	59.40 -0.97 0.00	73.68 -0.60 0.00	66.23 -0.87 0.00	60.73 -1.43 0.00	56.39 -1.51 0.00	52.43 -1.96 0.00	48.78 -2.09 0.00	45.28 -1.16 0.00
KEDC_PORT_JEFF_GT2 24210	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.59 2.15 0.00	53.02 2.71 0.00	60.62 4.18 0.00	56.14 2.11 0.00	47.13 2.29 0.00	48.03 1.80 0.00	48.14 1.58 0.00	46.66 1.96 0.00	49.34 2.53 0.00	52.22 3.10 0.00	58.14 3.70 0.00	65.69 5.31 0.00	79.64 5.35 -0.01	72.22 5.10 -0.01	66.76 4.60 0.00	62.88 4.98 -0.01	57.64 3.26 0.00	53.61 2.74 0.00	49.18 2.74 0.00
KEDC_PORT_JEFF_GT3 24211	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.59 2.15 0.00	53.02 2.71 0.00	60.62 4.18 0.00	56.14 2.11 0.00	47.13 2.29 0.00	48.03 1.80 0.00	48.14 1.58 0.00	46.66 1.96 0.00	49.34 2.53 0.00	52.22 3.10 0.00	58.14 3.70 0.00	65.69 5.31 0.00	79.64 5.35 -0.01	72.22 5.10 -0.01	66.76 4.60 0.00	62.88 4.98 -0.01	57.64 3.26 0.00	53.61 2.74 0.00	49.18 2.74 0.00
KEDC_GLWD_GT4 24219	36.86 1.82 0.00	34.79 1.59 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.78 1.62 0.00	40.44 2.00 0.00	52.97 2.66 0.00	60.33 3.89 0.00	56.47 2.43 0.00	47.35 2.51 0.00	48.54 2.31 0.00	48.65 2.10 0.00	46.97 2.28 0.00	49.20 2.39 0.00	51.58 2.46 0.00	56.78 2.34 0.00	63.93 3.56 0.00	78.60 4.31 -0.02	71.15 4.03 -0.02	65.70 3.54 0.00	61.38 3.47 -0.02	56.77 2.39 0.00	53.31 2.44 0.00	48.72 2.27 0.00
KEDC_GLWD_GT5 24220	36.86 1.82 0.00	34.79 1.59 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.78 1.62 0.00	40.44 2.00 0.00	52.97 2.66 0.00	60.33 3.89 0.00	56.47 2.43 0.00	47.35 2.51 0.00	48.54 2.31 0.00	48.65 2.10 0.00	46.97 2.28 0.00	49.20 2.39 0.00	51.58 2.46 0.00	56.78 2.34 0.00	63.93 3.56 0.00	78.60 4.31 -0.02	71.15 4.03 -0.02	65.70 3.54 0.00	61.38 3.47 -0.02	56.77 2.39 0.00	53.31 2.44 0.00	48.72 2.27 0.00

KENSICO____ 23655	36.69 1.65 0.00	34.69 1.49 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.62 1.46 0.00	40.21 1.77 0.00	52.72 2.41 0.00	60.51 4.06 0.00	56.63 2.59 0.00	47.08 2.24 0.00	48.27 2.03 0.00	48.47 1.91 0.00	46.61 1.92 0.00	48.73 1.92 0.00	51.09 1.96 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.21 3.94 0.00	70.80 3.69 0.00	65.39 3.23 0.00	61.14 3.24 0.00	56.83 2.45 0.00	52.85 1.98 0.00	48.02 1.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.42 2.38 0.00	35.46 2.26 0.00	34.76 2.09 0.00	34.63 2.05 0.00	35.31 2.16 0.00	41.09 2.65 0.00	53.88 3.57 0.00	61.41 4.97 0.00	57.50 3.46 0.00	47.75 2.91 0.00	48.77 2.54 0.00	48.93 2.37 0.00	46.75 2.06 0.00	48.96 2.15 0.00	51.24 2.11 0.00	57.54 3.10 0.00	64.90 4.53 0.00	79.40 5.13 0.00	72.08 4.97 0.00	67.01 4.85 0.00	62.93 5.04 0.00	57.86 3.48 0.00	53.92 3.05 0.00	49.13 2.69 0.00
KIAC_JFK_GT1 23816	36.86 1.82 0.00	34.86 1.66 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.78 1.62 0.00	40.48 2.04 0.00	53.23 2.92 0.00	61.35 4.91 0.00	57.39 3.35 0.00	47.71 2.87 0.00	48.73 2.50 0.00	48.98 2.42 0.00	47.11 2.41 0.00	49.29 2.48 0.00	51.63 2.51 0.00	57.43 2.99 0.00	64.36 3.98 0.00	79.18 4.90 0.00	71.67 4.56 0.00	66.14 3.98 0.00	61.77 3.88 0.00	57.43 3.05 0.00	53.36 2.49 0.00	48.25 1.81 0.00
KIAC_JFK_GT2 23817	36.86 1.82 0.00	34.86 1.66 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.78 1.62 0.00	40.48 2.04 0.00	53.23 2.92 0.00	61.35 4.91 0.00	57.39 3.35 0.00	47.71 2.87 0.00	48.73 2.50 0.00	48.98 2.42 0.00	47.11 2.41 0.00	49.29 2.48 0.00	51.63 2.51 0.00	57.43 2.99 0.00	64.36 3.98 0.00	79.18 4.90 0.00	71.67 4.56 0.00	66.14 3.98 0.00	61.77 3.88 0.00	57.43 3.05 0.00	53.36 2.49 0.00	48.25 1.81 0.00
KIAC_JFK____ 323774	36.83 1.79 0.00	34.83 1.63 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.72 1.56 0.00	40.32 1.88 0.00	53.02 2.71 0.00	60.56 4.12 0.00	56.95 2.92 0.00	47.62 2.78 0.00	48.73 2.49 0.00	48.88 2.33 0.00	47.06 2.37 0.00	49.20 2.39 0.00	51.43 2.31 0.00	57.05 2.61 0.00	63.99 3.62 0.00	78.81 4.53 0.00	71.34 4.23 0.00	65.82 3.67 0.00	61.43 3.53 0.00	56.99 2.61 0.00	53.21 2.34 0.00	48.25 1.81 0.00
KINTIGH____ 23543	33.46 -1.58 0.00	31.91 -1.29 0.00	31.29 -1.37 0.00	31.37 -1.21 0.00	32.00 -1.16 0.00	36.90 -1.54 0.00	47.54 -2.77 0.00	51.70 -4.74 0.00	50.69 -3.35 0.00	42.33 -2.51 0.00	43.64 -2.59 0.00	44.37 -2.19 0.00	42.46 -2.23 0.00	44.61 -2.20 0.00	46.42 -2.70 0.00	51.71 -2.72 0.00	57.23 -3.14 0.00	71.38 -2.90 0.00	64.09 -3.02 0.00	58.99 -3.17 0.00	54.54 -3.36 0.00	51.06 -3.32 0.00	47.35 -3.51 0.00	43.98 -2.46 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.09 1.05 0.00	34.00 0.80 0.00	33.35 0.69 0.00	33.07 0.49 0.00	33.72 0.56 0.00	38.98 0.54 0.00	51.11 0.80 0.00	56.22 -0.23 0.00	54.69 0.65 0.00	45.87 1.03 0.00	47.39 1.16 0.00	47.91 1.35 0.00	46.03 1.34 0.00	48.21 1.40 0.00	50.99 1.87 0.00	55.58 1.14 0.00	61.22 0.85 0.00	75.84 1.56 0.00	68.52 1.41 0.00	63.77 1.62 0.00	59.28 1.39 0.00	56.12 1.74 0.00	53.41 2.54 0.00	48.72 2.28 0.00
LACHUTE____HYDRO 323717	37.25 2.21 0.00	35.19 1.99 0.00	34.59 1.93 0.00	34.53 1.95 0.00	35.28 2.12 0.00	40.98 2.54 0.00	54.18 3.87 0.00	61.35 4.91 0.00	57.82 3.78 0.00	47.26 2.42 0.00	48.91 2.68 0.00	48.93 2.37 0.00	46.93 2.23 0.00	49.29 2.48 0.00	52.07 2.95 0.00	58.46 4.03 0.00	65.44 5.07 0.00	80.44 6.16 0.00	72.54 5.43 0.00	67.44 5.28 0.00	62.64 4.75 0.00	58.63 4.24 0.00	54.32 3.46 0.00	49.60 3.16 0.00
LAWRNCALV_115KV_TB1 80681	39.07 4.03 0.00	36.95 3.75 0.00	36.19 3.53 0.00	36.16 3.58 0.00	36.87 3.71 0.00	39.13 0.69 0.00	51.77 1.46 0.00	57.91 1.47 0.00	56.09 2.05 0.00	46.23 1.39 0.00	47.57 1.34 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.68 1.87 0.00	51.48 2.36 0.00	57.21 2.78 0.00	63.75 3.38 0.00	78.96 4.68 0.00	71.07 3.96 0.00	66.01 3.85 0.00	61.31 3.42 0.00	57.81 3.43 0.00	53.87 3.00 0.00	49.13 2.69 0.00
LEDERLE____ 23769	36.62 1.58 0.00	34.63 1.43 0.00	34.00 1.34 0.00	33.91 1.34 0.00	34.58 1.43 0.00	40.09 1.65 0.00	52.57 2.26 0.00	60.17 3.73 0.00	56.31 2.27 0.00	46.81 1.97 0.00	47.99 1.76 0.00	48.19 1.63 0.00	46.30 1.61 0.00	48.40 1.59 0.00	50.74 1.62 0.00	56.50 2.07 0.00	63.27 2.90 0.00	77.69 3.42 0.00	70.40 3.29 0.00	65.08 2.92 0.00	60.90 3.01 0.00	56.50 2.12 0.00	52.59 1.73 0.00	47.83 1.39 0.00
LIGHTHSE_115KV_TB6 355974	34.27 -0.77 0.00	32.54 -0.66 0.00	31.95 -0.72 0.00	31.93 -0.65 0.00	32.53 -0.63 0.00	37.52 -0.92 0.00	49.35 -0.96 0.00	55.48 -0.96 0.00	53.23 -0.81 0.00	43.99 -0.85 0.00	45.31 -0.92 0.00	45.72 -0.84 0.00	43.84 -0.85 0.00	45.97 -0.84 0.00	48.24 -0.88 0.00	53.84 -0.60 0.00	60.01 -0.36 0.00	74.05 -0.22 0.00	66.71 -0.40 0.00	61.72 -0.44 0.00	57.37 -0.52 0.00	53.62 -0.76 0.00	49.90 -0.97 0.00	45.60 -0.84 0.00
LINDEN COGEN____ 23786	36.55 1.51 0.00	34.56 1.36 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.45 1.29 0.00	39.98 1.54 0.00	52.52 2.21 0.00	59.89 3.44 0.00	56.25 2.22 0.00	47.04 2.20 0.00	48.26 2.03 0.00	48.42 1.86 0.00	46.57 1.88 0.00	48.68 1.87 0.00	50.89 1.77 0.00	56.39 1.96 0.00	63.15 2.78 0.00	77.62 3.35 0.00	70.33 3.22 0.00	64.89 2.73 0.00	60.56 2.66 0.00	56.28 1.90 0.00	52.64 1.78 0.00	47.79 1.35 0.00
LINDHRST_69_KV_BK1 356055	37.00 1.96 0.00	34.86 1.66 0.00	34.43 1.76 0.00	34.34 1.76 0.00	34.98 1.82 0.00	40.86 2.42 0.00	53.23 2.92 0.00	62.20 5.76 0.00	57.12 3.08 0.00	47.89 3.05 0.00	48.45 2.22 0.00	48.74 2.19 0.00	47.24 2.55 0.00	49.57 2.76 0.00	52.12 3.00 0.00	57.97 3.54 0.00	65.20 4.83 0.00	80.68 6.39 -0.01	73.09 5.97 -0.01	67.13 4.97 0.00	63.11 5.21 -0.01	58.24 3.86 0.00	53.92 3.05 0.00	49.46 3.02 0.00
LIPA_MISC_IPP 23656	36.30 1.26 0.00	34.16 0.96 0.00	34.00 1.34 0.00	33.95 1.37 0.00	34.55 1.39 0.00	40.32 1.88 0.00	52.32 2.01 0.00	61.97 5.53 0.00	56.14 2.11 0.00	46.99 2.15 0.00	47.20 0.97 0.00	47.53 0.98 0.00	46.12 1.43 0.00	48.73 1.92 0.00	51.92 2.80 0.00	57.81 3.38 0.00	64.36 3.98 0.00	79.71 5.42 -0.01	72.29 5.17 -0.01	66.38 4.23 0.00	62.48 4.57 -0.01	57.37 2.99 0.00	53.10 2.24 0.00	48.67 2.23 0.00
LISF____SOLAR 323691	36.34 1.30 0.00	34.19 1.00 0.00	33.58 0.91 0.00	33.49 0.91 0.00	34.49 1.33 0.00	40.36 1.92 0.00	52.82 2.51 0.00	60.33 3.89 0.00	55.71 1.68 0.00	46.72 1.88 0.00	47.39 1.16 0.00	47.49 0.93 0.00	46.08 1.39 0.00	49.01 2.20 0.00	52.12 3.00 0.00	58.19 3.75 0.00	65.50 5.13 0.00	79.78 5.50 -0.01	72.29 5.17 -0.01	66.64 4.48 0.00	62.59 4.69 -0.01	57.15 2.77 0.00	53.21 2.34 0.00	48.76 2.32 0.00

LITTLE FALLS___HYD 24013	35.29 0.25 0.00	33.33 0.13 0.00	32.76 0.10 0.00	32.71 0.13 0.00	33.29 0.13 0.00	38.63 0.19 0.00	50.66 0.35 0.00	57.12 0.68 0.00	54.58 0.54 0.00	45.29 0.45 0.00	46.74 0.51 0.00	47.12 0.56 0.00	45.23 0.54 0.00	47.42 0.61 0.00	49.81 0.69 0.00	55.52 1.09 0.00	61.88 1.51 0.00	76.13 1.86 0.00	68.79 1.68 0.00	63.71 1.55 0.00	59.40 1.51 0.00	55.74 1.36 0.00	51.98 1.12 0.00	47.46 1.02 0.00
LITTLRIV_115KV_TB1 356100	39.46 4.42 0.00	37.32 4.12 0.00	36.55 3.89 0.00	36.55 3.97 0.00	37.30 4.14 0.00	39.94 1.50 0.00	52.87 2.57 0.00	59.21 2.77 0.00	57.33 3.30 0.00	47.13 2.29 0.00	48.45 2.22 0.00	49.16 2.61 0.00	47.29 2.59 0.00	49.62 2.81 0.00	52.46 3.34 0.00	58.52 4.08 0.00	65.44 5.07 0.00	81.04 6.76 0.00	72.81 5.70 0.00	67.69 5.53 0.00	62.81 4.92 0.00	59.17 4.79 0.00	54.98 4.12 0.00	50.16 3.72 0.00
LI_NEWBRDGE___DRP 323616	36.51 1.47 0.00	34.43 1.23 0.00	33.97 1.31 0.00	33.88 1.30 0.00	34.52 1.36 0.00	40.25 1.81 0.00	52.37 2.06 0.00	61.01 4.57 0.00	56.20 2.16 0.00	47.17 2.33 0.00	47.85 1.62 0.00	48.14 1.58 0.00	46.61 1.92 0.00	48.82 2.01 0.00	51.24 2.11 0.00	56.94 2.50 0.00	63.99 3.62 0.00	79.04 4.75 -0.01	71.55 4.43 -0.01	65.89 3.73 0.00	61.78 3.88 -0.01	57.16 2.77 0.00	53.00 2.14 0.00	48.53 2.09 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.74 -1.30 0.00	32.20 -1.00 0.00	31.62 -1.05 0.00	31.70 -0.88 0.00	32.33 -0.83 0.00	37.29 -1.15 0.00	47.79 -2.52 0.00	51.70 -4.74 0.00	51.01 -3.03 0.00	42.60 -2.24 0.00	43.92 -2.31 0.00	44.79 -1.77 0.00	42.82 -1.88 0.00	45.03 -1.78 0.00	46.81 -2.31 0.00	52.20 -2.23 0.00	57.78 -2.60 0.00	72.42 -1.86 0.00	64.89 -2.21 0.00	59.61 -2.55 0.00	55.00 -2.89 0.00	51.55 -2.83 0.00	47.71 -3.15 0.00	44.49 -1.95 0.00
LOCKPORT___CC1 323769	33.74 -1.30 0.00	32.21 -1.00 0.00	31.72 -0.95 0.00	31.77 -0.81 0.00	32.40 -0.76 0.00	37.21 -1.23 0.00	47.74 -2.56 0.00	52.83 -3.61 0.00	51.07 -2.97 0.00	42.55 -2.29 0.00	43.87 -2.36 0.00	44.74 -1.82 0.00	42.77 -1.92 0.00	44.98 -1.83 0.00	47.21 -1.92 0.00	52.10 -2.34 0.00	58.26 -2.11 0.00	72.28 -2.00 0.00	64.96 -2.15 0.00	59.61 -2.55 0.00	55.35 -2.55 0.00	51.44 -2.94 0.00	47.86 -3.00 0.00	44.44 -2.00 0.00
LOCKPORT___CC2 323770	33.74 -1.30 0.00	32.21 -1.00 0.00	31.72 -0.95 0.00	31.77 -0.81 0.00	32.40 -0.76 0.00	37.21 -1.23 0.00	47.74 -2.56 0.00	52.83 -3.61 0.00	51.07 -2.97 0.00	42.55 -2.29 0.00	43.87 -2.36 0.00	44.74 -1.82 0.00	42.77 -1.92 0.00	44.98 -1.83 0.00	47.21 -1.92 0.00	52.10 -2.34 0.00	58.26 -2.11 0.00	72.28 -2.00 0.00	64.96 -2.15 0.00	59.61 -2.55 0.00	55.35 -2.55 0.00	51.44 -2.94 0.00	47.86 -3.00 0.00	44.44 -2.00 0.00
LOCKPORT___CC3 323771	33.74 -1.30 0.00	32.21 -1.00 0.00	31.72 -0.95 0.00	31.77 -0.81 0.00	32.40 -0.76 0.00	37.21 -1.23 0.00	47.74 -2.56 0.00	52.83 -3.61 0.00	51.07 -2.97 0.00	42.55 -2.29 0.00	43.87 -2.36 0.00	44.74 -1.82 0.00	42.77 -1.92 0.00	44.98 -1.83 0.00	47.21 -1.92 0.00	52.10 -2.34 0.00	58.26 -2.11 0.00	72.28 -2.00 0.00	64.96 -2.15 0.00	59.61 -2.55 0.00	55.35 -2.55 0.00	51.44 -2.94 0.00	47.86 -3.00 0.00	44.44 -2.00 0.00
LONG_LAKE_PHOENIX 24014	33.99 -1.05 0.00	32.27 -0.93 0.00	31.72 -0.95 0.00	31.67 -0.91 0.00	32.23 -0.93 0.00	37.36 -1.08 0.00	49.00 -1.31 0.00	54.97 -1.47 0.00	52.74 -1.30 0.00	43.72 -1.12 0.00	45.03 -1.20 0.00	45.39 -1.16 0.00	43.53 -1.16 0.00	45.55 -1.26 0.00	47.75 -1.38 0.00	53.13 -1.31 0.00	59.10 -1.27 0.00	72.94 -1.34 0.00	65.77 -1.34 0.00	60.85 -1.31 0.00	56.56 -1.33 0.00	52.86 -1.52 0.00	49.29 -1.58 0.00	45.09 -1.35 0.00
LOVETT___3 23632	36.44 1.40 0.00	34.46 1.26 0.00	33.84 1.18 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.90 1.46 0.00	52.27 1.96 0.00	59.83 3.39 0.00	55.98 1.95 0.00	46.54 1.70 0.00	47.71 1.48 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.17 1.36 0.00	50.50 1.38 0.00	56.18 1.74 0.00	62.85 2.48 0.00	77.25 2.97 0.00	69.93 2.82 0.00	64.64 2.49 0.00	60.44 2.55 0.00	56.18 1.79 0.00	52.29 1.42 0.00	47.55 1.11 0.00
LOVETT___4 23642	36.44 1.40 0.00	34.46 1.26 0.00	33.84 1.18 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.90 1.46 0.00	52.27 1.96 0.00	59.83 3.39 0.00	55.98 1.95 0.00	46.54 1.70 0.00	47.71 1.48 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.17 1.36 0.00	50.50 1.38 0.00	56.18 1.74 0.00	62.85 2.48 0.00	77.25 2.97 0.00	69.93 2.82 0.00	64.64 2.49 0.00	60.44 2.55 0.00	56.18 1.79 0.00	52.29 1.42 0.00	47.55 1.11 0.00
LOVETT___5 23593	36.44 1.40 0.00	34.46 1.26 0.00	33.84 1.18 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.90 1.46 0.00	52.27 1.96 0.00	59.83 3.39 0.00	55.98 1.95 0.00	46.54 1.70 0.00	47.71 1.48 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.17 1.36 0.00	50.50 1.38 0.00	56.18 1.74 0.00	62.85 2.48 0.00	77.25 2.97 0.00	69.93 2.82 0.00	64.64 2.49 0.00	60.44 2.55 0.00	56.18 1.79 0.00	52.29 1.42 0.00	47.55 1.11 0.00
LOWER RAQUET___HYD 24057	38.86 3.82 0.00	36.75 3.55 0.00	36.03 3.37 0.00	35.97 3.39 0.00	36.67 3.51 0.00	42.94 4.50 0.00	51.97 1.66 0.00	58.08 1.64 0.00	56.41 2.37 0.00	46.27 1.43 0.00	47.62 1.39 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.73 1.92 0.00	51.48 2.36 0.00	57.65 3.21 0.00	63.93 3.56 0.00	79.04 4.76 0.00	71.14 4.03 0.00	66.14 3.98 0.00	61.37 3.47 0.00	58.19 3.81 0.00	53.97 3.10 0.00	49.13 2.69 0.00
LOWER___HUDSON 24059	36.37 1.33 0.00	34.43 1.23 0.00	33.87 1.21 0.00	33.79 1.21 0.00	34.42 1.26 0.00	39.94 1.50 0.00	52.42 2.11 0.00	59.21 2.76 0.00	56.04 2.00 0.00	46.32 1.48 0.00	47.94 1.71 0.00	48.09 1.53 0.00	46.21 1.52 0.00	48.45 1.64 0.00	50.84 1.72 0.00	56.56 2.12 0.00	63.21 2.84 0.00	77.70 3.42 0.00	70.20 3.09 0.00	65.08 2.92 0.00	60.62 2.72 0.00	56.56 2.18 0.00	52.80 1.93 0.00	48.06 1.62 0.00
LOWVILLE_115KV_TB2 356335	35.64 0.60 0.00	33.76 0.56 0.00	33.12 0.46 0.00	33.13 0.55 0.00	33.79 0.63 0.00	38.40 -0.04 0.00	50.81 0.50 0.00	57.29 0.85 0.00	55.01 0.97 0.00	45.38 0.54 0.00	46.69 0.46 0.00	47.53 0.98 0.00	45.63 0.94 0.00	47.84 1.03 0.00	50.35 1.23 0.00	56.34 1.91 0.00	63.09 2.72 0.00	77.84 3.57 0.00	70.13 3.02 0.00	64.96 2.80 0.00	60.38 2.49 0.00	56.50 2.12 0.00	52.39 1.53 0.00	47.83 1.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.76 1.72 0.00	34.76 1.56 0.00	34.20 1.54 0.00	34.14 1.56 0.00	34.78 1.62 0.00	40.40 1.96 0.00	52.87 2.57 0.00	60.11 3.67 0.00	56.74 2.70 0.00	46.63 1.79 0.00	48.27 2.03 0.00	48.42 1.86 0.00	46.44 1.74 0.00	48.73 1.92 0.00	51.33 2.21 0.00	57.38 2.94 0.00	63.99 3.62 0.00	78.59 4.31 0.00	71.07 3.96 0.00	65.83 3.67 0.00	61.37 3.47 0.00	57.48 3.10 0.00	53.41 2.54 0.00	48.67 2.23 0.00

LUTHERNY_35_KV_BK2 355980	36.76 1.72 0.00	34.79 1.59 0.00	34.23 1.57 0.00	34.14 1.56 0.00	34.82 1.66 0.00	40.40 1.96 0.00	52.92 2.62 0.00	60.17 3.73 0.00	56.74 2.70 0.00	46.68 1.84 0.00	48.31 2.08 0.00	48.42 1.86 0.00	46.48 1.79 0.00	48.78 1.97 0.00	51.38 2.26 0.00	57.43 2.99 0.00	64.06 3.68 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.89 3.73 0.00	61.37 3.47 0.00	57.48 3.10 0.00	53.46 2.59 0.00	48.72 2.28 0.00
LWR___OSWEGATCHIE_HYD 23850	36.97 1.93 0.00	34.99 1.79 0.00	34.30 1.63 0.00	34.27 1.69 0.00	34.95 1.79 0.00	38.33 -0.12 0.00	50.71 0.40 0.00	57.01 0.56 0.00	55.01 0.97 0.00	45.33 0.49 0.00	46.65 0.42 0.00	47.35 0.79 0.00	45.50 0.80 0.00	47.70 0.89 0.00	50.30 1.18 0.00	56.12 1.69 0.00	62.73 2.35 0.00	77.55 3.27 0.00	69.79 2.68 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.56 2.18 0.00	52.54 1.68 0.00	47.93 1.49 0.00
LYONS_FALL_HYD 23570	35.67 0.63 0.00	33.83 0.63 0.00	33.22 0.55 0.00	33.23 0.65 0.00	33.86 0.70 0.00	39.44 1.00 0.00	51.31 1.01 0.00	57.68 1.24 0.00	55.33 1.29 0.00	45.65 0.81 0.00	46.97 0.74 0.00	47.63 1.07 0.00	45.72 1.03 0.00	47.93 1.12 0.00	50.35 1.23 0.00	56.29 1.85 0.00	63.03 2.65 0.00	77.62 3.35 0.00	69.99 2.88 0.00	64.83 2.67 0.00	60.27 2.37 0.00	56.39 2.01 0.00	52.34 1.48 0.00	47.74 1.30 0.00
MADISON___COUNTY_LFGE 323628	35.81 0.77 0.00	34.00 0.80 0.00	33.38 0.72 0.00	33.36 0.78 0.00	34.02 0.86 0.00	39.48 1.04 0.00	51.87 1.56 0.00	58.30 1.86 0.00	55.82 1.78 0.00	46.14 1.30 0.00	47.48 1.25 0.00	47.91 1.35 0.00	45.94 1.25 0.00	48.07 1.26 0.00	50.45 1.33 0.00	56.40 1.96 0.00	62.97 2.60 0.00	77.62 3.34 0.00	69.93 2.82 0.00	64.71 2.55 0.00	60.15 2.26 0.00	56.28 1.90 0.00	52.24 1.37 0.00	47.79 1.35 0.00
MALONE___115KV_TB1 356076	37.04 2.00 0.00	34.96 1.76 0.00	34.27 1.60 0.00	34.01 1.43 0.00	34.68 1.53 0.00	39.29 0.85 0.00	51.62 1.31 0.00	57.18 0.73 0.00	55.66 1.62 0.00	46.32 1.48 0.00	47.85 1.62 0.00	48.33 1.77 0.00	46.44 1.74 0.00	48.68 1.87 0.00	51.48 2.36 0.00	56.56 2.12 0.00	62.43 2.05 0.00	77.32 3.05 0.00	69.79 2.68 0.00	64.96 2.80 0.00	60.32 2.43 0.00	57.10 2.72 0.00	53.87 3.00 0.00	49.13 2.69 0.00
MAPLEWOD_115KV_TB3 80458	36.02 0.98 0.00	34.10 0.90 0.00	33.55 0.88 0.00	33.46 0.88 0.00	34.05 0.90 0.00	39.59 1.15 0.00	51.87 1.56 0.00	58.87 2.43 0.00	55.60 1.57 0.00	45.96 1.12 0.00	47.53 1.29 0.00	47.72 1.16 0.00	45.86 1.16 0.00	48.03 1.22 0.00	50.45 1.33 0.00	56.18 1.74 0.00	62.67 2.29 0.00	76.88 2.60 0.00	69.59 2.48 0.00	64.40 2.24 0.00	60.04 2.14 0.00	56.12 1.74 0.00	52.29 1.42 0.00	47.60 1.16 0.00
MAPLE_RIDGE_WT_1 323574	34.80 -0.24 0.00	32.90 -0.30 0.00	32.34 -0.33 0.00	32.19 -0.39 0.00	32.79 -0.36 0.00	38.09 -0.35 0.00	49.85 -0.45 0.00	55.88 -0.56 0.00	53.82 -0.22 0.00	44.71 -0.13 0.00	46.14 -0.09 0.00	46.56 0.00 0.00	44.74 0.04 0.00	46.86 0.05 0.00	49.27 0.15 0.00	54.55 0.11 0.00	60.19 -0.18 0.00	74.06 -0.22 0.00	66.91 -0.20 0.00	62.03 -0.12 0.00	57.78 -0.12 0.00	54.55 0.16 0.00	51.12 0.26 0.00	46.63 0.19 0.00
MAPLE_RIDGE_WT_2 323611	34.80 -0.24 0.00	32.90 -0.30 0.00	32.34 -0.33 0.00	32.19 -0.39 0.00	32.79 -0.36 0.00	38.09 -0.35 0.00	49.85 -0.45 0.00	55.88 -0.56 0.00	53.82 -0.22 0.00	44.71 -0.13 0.00	46.14 -0.09 0.00	46.56 0.00 0.00	44.74 0.04 0.00	46.86 0.05 0.00	49.27 0.15 0.00	54.55 0.11 0.00	60.19 -0.18 0.00	74.06 -0.22 0.00	66.91 -0.20 0.00	62.03 -0.12 0.00	57.78 -0.12 0.00	54.55 0.16 0.00	51.12 0.26 0.00	46.63 0.19 0.00
MARBLE_RIVER_WT_PWR 323696	35.57 0.53 0.00	33.53 0.33 0.00	32.89 0.23 0.00	32.61 0.03 0.00	33.26 0.10 0.00	38.71 0.27 0.00	50.41 0.10 0.00	55.77 -0.67 0.00	54.58 0.54 0.00	45.20 0.36 0.00	46.69 0.46 0.00	47.21 0.65 0.00	45.36 0.67 0.00	47.51 0.70 0.00	50.16 1.03 0.00	55.52 1.09 0.00	60.37 0.00 0.00	74.58 0.30 0.00	67.45 0.34 0.00	62.72 0.56 0.00	58.35 0.46 0.00	55.96 1.58 0.00	52.54 1.68 0.00	47.93 1.49 0.00
MARSHVLE_115KV_TB1 80742	37.11 2.07 0.00	35.09 1.89 0.00	34.53 1.86 0.00	34.47 1.89 0.00	35.18 2.02 0.00	41.09 2.65 0.00	53.68 3.37 0.00	61.01 4.57 0.00	57.60 3.57 0.00	46.99 2.15 0.00	48.50 2.27 0.00	48.33 1.77 0.00	46.35 1.65 0.00	48.82 2.01 0.00	51.43 2.31 0.00	57.76 3.32 0.00	64.96 4.59 0.00	79.92 5.65 0.00	72.21 5.10 0.00	66.94 4.79 0.00	62.35 4.46 0.00	58.08 3.70 0.00	54.22 3.36 0.00	49.41 2.97 0.00
MARSH_HILL_WT_PWR 323713	34.44 -0.60 0.00	32.64 -0.56 0.00	32.14 -0.52 0.00	32.19 -0.39 0.00	32.69 -0.46 0.00	37.82 -0.62 0.00	49.35 -0.96 0.00	55.31 -1.13 0.00	53.50 -0.54 0.00	44.66 -0.18 0.00	46.23 0.00 0.00	47.07 0.51 0.00	45.01 0.32 0.00	47.28 0.47 0.00	49.71 0.59 0.00	55.14 0.71 0.00	62.00 1.63 0.00	76.95 2.67 0.00	69.19 2.08 0.00	63.71 1.55 0.00	59.17 1.27 0.00	54.81 0.43 0.00	51.02 0.15 0.00	47.18 0.74 0.00
MCINTYRE_115KV_TB2 80467	39.95 4.91 0.00	37.82 4.61 0.00	36.98 4.31 0.00	37.01 4.43 0.00	37.77 4.61 0.00	40.56 2.11 0.00	53.73 3.42 0.00	60.17 3.73 0.00	58.25 4.21 0.00	47.80 2.96 0.00	49.05 2.82 0.00	49.72 3.17 0.00	47.82 3.13 0.00	50.18 3.37 0.00	53.15 4.03 0.00	59.44 5.01 0.00	66.65 6.28 0.00	82.67 8.39 0.00	74.22 7.11 0.00	69.00 6.84 0.00	64.03 6.14 0.00	60.25 5.87 0.00	55.80 4.93 0.00	50.90 4.46 0.00
MECO_____69_KV_BK1 80468	37.60 2.56 0.00	35.59 2.39 0.00	35.02 2.35 0.00	34.96 2.38 0.00	35.65 2.49 0.00	41.67 3.23 0.00	54.58 4.28 0.00	61.97 5.53 0.00	58.47 4.43 0.00	47.71 2.87 0.00	49.19 2.96 0.00	49.12 2.56 0.00	47.11 2.41 0.00	49.52 2.71 0.00	52.27 3.14 0.00	58.74 4.30 0.00	65.99 5.61 0.00	81.19 6.91 0.00	73.42 6.31 0.00	68.13 5.97 0.00	63.45 5.56 0.00	59.17 4.79 0.00	54.98 4.12 0.00	50.06 3.62 0.00
MENANDS___115KV_TB5 355628	35.85 0.81 0.00	33.96 0.76 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.92 0.76 0.00	39.40 0.96 0.00	51.62 1.31 0.00	58.59 2.14 0.00	55.33 1.30 0.00	45.74 0.90 0.00	47.34 1.11 0.00	47.53 0.98 0.00	45.63 0.94 0.00	47.84 1.03 0.00	50.20 1.08 0.00	55.91 1.47 0.00	62.36 1.99 0.00	76.51 2.23 0.00	69.19 2.08 0.00	64.08 1.93 0.00	59.75 1.85 0.00	55.85 1.47 0.00	52.03 1.17 0.00	47.37 0.93 0.00
MG INDUSTRY___DRP 24185	35.81 0.77 0.00	33.93 0.73 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.89 0.73 0.00	39.36 0.92 0.00	51.46 1.16 0.00	58.25 1.81 0.00	55.12 1.08 0.00	45.51 0.67 0.00	47.06 0.83 0.00	47.25 0.70 0.00	45.41 0.72 0.00	47.61 0.80 0.00	50.01 0.88 0.00	55.69 1.25 0.00	62.06 1.69 0.00	76.21 1.93 0.00	68.92 1.81 0.00	63.90 1.74 0.00	59.57 1.68 0.00	55.74 1.36 0.00	51.98 1.12 0.00	47.42 0.98 0.00

MID___OSWEGATCHIE_HYD 23849	36.97 1.93 0.00	34.99 1.79 0.00	34.30 1.63 0.00	34.27 1.69 0.00	34.95 1.79 0.00	38.33 -0.12 0.00	50.71 0.40 0.00	57.01 0.56 0.00	55.01 0.97 0.00	45.33 0.49 0.00	46.65 0.42 0.00	47.35 0.79 0.00	45.50 0.80 0.00	47.70 0.89 0.00	50.30 1.18 0.00	56.12 1.69 0.00	62.73 2.35 0.00	77.55 3.27 0.00	69.79 2.68 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.56 2.18 0.00	52.54 1.68 0.00	47.93 1.49 0.00
MID___RAQUETTE_HYD 23851	38.86 3.82 0.00	36.75 3.55 0.00	36.00 3.33 0.00	35.97 3.39 0.00	36.67 3.51 0.00	39.13 0.69 0.00	51.77 1.46 0.00	57.97 1.52 0.00	56.09 2.05 0.00	46.27 1.43 0.00	47.62 1.39 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.68 1.87 0.00	51.48 2.36 0.00	57.21 2.78 0.00	63.81 3.44 0.00	78.96 4.68 0.00	71.07 3.96 0.00	66.01 3.85 0.00	61.31 3.42 0.00	57.81 3.43 0.00	53.87 3.00 0.00	49.13 2.69 0.00
MILLIKEN___1 23584	35.39 0.35 0.00	33.57 0.37 0.00	32.99 0.33 0.00	32.94 0.36 0.00	33.56 0.40 0.00	38.98 0.54 0.00	51.16 0.86 0.00	57.12 0.68 0.00	54.85 0.81 0.00	45.38 0.54 0.00	46.74 0.51 0.00	47.12 0.56 0.00	45.18 0.49 0.00	47.23 0.42 0.00	49.52 0.39 0.00	55.25 0.82 0.00	61.76 1.39 0.00	76.95 2.67 0.00	69.32 2.21 0.00	64.08 1.93 0.00	59.51 1.62 0.00	55.47 1.09 0.00	51.47 0.61 0.00	47.23 0.79 0.00
MILLIKEN___2 23585	35.39 0.35 0.00	33.57 0.37 0.00	32.99 0.33 0.00	32.94 0.36 0.00	33.56 0.40 0.00	38.98 0.54 0.00	51.16 0.86 0.00	57.12 0.68 0.00	54.85 0.81 0.00	45.38 0.54 0.00	46.74 0.51 0.00	47.12 0.56 0.00	45.18 0.49 0.00	47.23 0.42 0.00	49.52 0.39 0.00	55.25 0.82 0.00	61.76 1.39 0.00	76.95 2.67 0.00	69.32 2.21 0.00	64.08 1.93 0.00	59.51 1.62 0.00	55.47 1.09 0.00	51.47 0.61 0.00	47.23 0.79 0.00
MILLIKEN___DIESEL 23629	35.39 0.35 0.00	33.57 0.37 0.00	32.99 0.33 0.00	32.94 0.36 0.00	33.56 0.40 0.00	38.98 0.54 0.00	51.16 0.86 0.00	57.12 0.68 0.00	54.85 0.81 0.00	45.38 0.54 0.00	46.74 0.51 0.00	47.12 0.56 0.00	45.18 0.49 0.00	47.23 0.42 0.00	49.52 0.39 0.00	55.25 0.82 0.00	61.76 1.39 0.00	76.95 2.67 0.00	69.32 2.21 0.00	64.08 1.93 0.00	59.51 1.62 0.00	55.47 1.09 0.00	51.47 0.61 0.00	47.23 0.79 0.00
MILLSEAT___LFGE 323607	34.37 -0.67 0.00	32.80 -0.40 0.00	32.27 -0.39 0.00	32.35 -0.23 0.00	32.96 -0.20 0.00	37.94 -0.50 0.00	48.90 -1.41 0.00	54.30 -2.14 0.00	52.52 -1.51 0.00	43.67 -1.17 0.00	44.98 -1.25 0.00	45.86 -0.70 0.00	43.75 -0.94 0.00	46.15 -0.66 0.00	48.39 -0.74 0.00	53.51 -0.93 0.00	59.89 -0.49 0.00	74.58 0.30 0.00	66.91 -0.20 0.00	61.48 -0.68 0.00	57.03 -0.87 0.00	52.86 -1.52 0.00	49.04 -1.83 0.00	45.37 -1.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.62 1.58 0.00	34.63 1.43 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.55 1.39 0.00	40.13 1.69 0.00	52.62 2.31 0.00	60.34 3.89 0.00	56.47 2.43 0.00	46.95 2.11 0.00	48.13 1.90 0.00	48.37 1.82 0.00	46.48 1.79 0.00	48.64 1.83 0.00	50.99 1.87 0.00	56.72 2.29 0.00	63.45 3.08 0.00	77.99 3.71 0.00	70.60 3.49 0.00	65.27 3.11 0.00	61.02 3.13 0.00	56.72 2.34 0.00	52.80 1.93 0.00	47.93 1.49 0.00
MILLWOOD_13_KV_LOAD 356217	36.69 1.65 0.00	34.69 1.49 0.00	34.07 1.40 0.00	33.95 1.37 0.00	34.62 1.46 0.00	40.21 1.77 0.00	52.82 2.52 0.00	60.56 4.12 0.00	56.68 2.65 0.00	47.13 2.29 0.00	48.27 2.03 0.00	48.51 1.96 0.00	46.61 1.92 0.00	48.73 1.92 0.00	51.14 2.01 0.00	56.89 2.45 0.00	63.69 3.32 0.00	78.29 4.01 0.00	70.87 3.76 0.00	65.51 3.36 0.00	61.25 3.36 0.00	56.94 2.56 0.00	52.95 2.09 0.00	48.02 1.58 0.00
MODEL_CITY_ENERGY 24167	33.25 -1.79 0.00	31.74 -1.46 0.00	31.23 -1.44 0.00	31.31 -1.27 0.00	31.90 -1.26 0.00	36.67 -1.77 0.00	46.99 -3.32 0.00	51.92 -4.52 0.00	50.20 -3.84 0.00	41.79 -3.05 0.00	43.13 -3.10 0.00	44.00 -2.56 0.00	42.06 -2.64 0.00	44.24 -2.57 0.00	46.37 -2.75 0.00	51.17 -3.26 0.00	57.17 -3.20 0.00	70.86 -3.42 0.00	63.69 -3.42 0.00	58.49 -3.67 0.00	54.30 -3.59 0.00	50.52 -3.86 0.00	47.05 -3.82 0.00	43.70 -2.74 0.00
MODERN_LFGE___ 323580	33.25 -1.79 0.00	31.74 -1.46 0.00	31.23 -1.44 0.00	31.31 -1.27 0.00	31.90 -1.26 0.00	36.67 -1.77 0.00	46.99 -3.32 0.00	51.92 -4.52 0.00	50.20 -3.84 0.00	41.79 -3.05 0.00	43.13 -3.10 0.00	44.00 -2.56 0.00	42.06 -2.64 0.00	44.24 -2.57 0.00	46.37 -2.75 0.00	51.17 -3.26 0.00	57.17 -3.20 0.00	70.86 -3.42 0.00	63.69 -3.42 0.00	58.49 -3.67 0.00	54.30 -3.59 0.00	50.52 -3.86 0.00	47.05 -3.82 0.00	43.70 -2.74 0.00
MOHAWK_PAPER___DRP 24187	36.02 0.98 0.00	34.10 0.90 0.00	33.55 0.88 0.00	33.46 0.88 0.00	34.05 0.90 0.00	39.59 1.15 0.00	51.87 1.56 0.00	58.87 2.43 0.00	55.60 1.57 0.00	45.96 1.12 0.00	47.53 1.29 0.00	47.72 1.16 0.00	45.86 1.16 0.00	48.03 1.22 0.00	50.45 1.33 0.00	56.18 1.74 0.00	62.67 2.29 0.00	76.88 2.60 0.00	69.59 2.48 0.00	64.40 2.24 0.00	60.04 2.14 0.00	56.12 1.74 0.00	52.29 1.42 0.00	47.60 1.16 0.00
MOHICAN___35_KV_115KV_LD 80490	36.62 1.58 0.00	34.63 1.43 0.00	34.07 1.40 0.00	34.01 1.43 0.00	34.68 1.53 0.00	40.17 1.73 0.00	52.62 2.31 0.00	59.94 3.50 0.00	56.47 2.43 0.00	46.32 1.48 0.00	47.94 1.71 0.00	48.00 1.44 0.00	46.08 1.39 0.00	48.35 1.54 0.00	50.99 1.87 0.00	57.10 2.67 0.00	63.75 3.38 0.00	78.21 3.94 0.00	70.80 3.69 0.00	65.58 3.42 0.00	61.08 3.18 0.00	57.37 2.99 0.00	53.25 2.39 0.00	48.58 2.14 0.00
MONGAUP___HYD 23641	36.65 1.61 0.00	34.70 1.50 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.55 1.39 0.00	40.13 1.69 0.00	52.57 2.27 0.00	59.49 3.05 0.00	55.93 1.89 0.00	46.59 1.75 0.00	47.75 1.52 0.00	47.86 1.30 0.00	45.81 1.12 0.00	47.98 1.17 0.00	50.25 1.13 0.00	56.07 1.63 0.00	63.21 2.84 0.00	77.84 3.57 0.00	70.66 3.55 0.00	65.39 3.23 0.00	61.13 3.24 0.00	56.50 2.12 0.00	52.64 1.78 0.00	48.11 1.67 0.00
MONTAUK___DIESEL 23721	35.99 0.95 0.00	33.86 0.66 0.00	33.78 1.11 0.00	33.75 1.17 0.00	34.35 1.19 0.00	40.02 1.58 0.00	52.07 1.76 0.00	62.09 5.64 0.00	55.82 1.78 0.00	46.68 1.84 0.00	46.65 0.42 0.00	47.25 0.70 0.00	46.08 1.39 0.00	48.87 2.06 0.00	52.32 3.19 0.00	58.30 3.86 0.00	64.84 4.47 0.00	80.45 6.17 -0.01	72.89 5.77 -0.01	66.94 4.79 0.00	63.34 5.44 -0.01	58.30 3.92 0.00	53.92 3.05 0.00	49.55 3.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.20 -0.84 0.00	32.60 -0.60 0.00	32.17 -0.49 0.00	32.25 -0.33 0.00	33.03 -0.13 0.00	38.21 -0.23 0.00	49.30 -1.01 0.00	53.73 -2.71 0.00	53.28 -0.76 0.00	44.62 -0.22 0.00	46.14 -0.09 0.00	47.25 0.70 0.00	45.18 0.49 0.00	47.51 0.70 0.00	49.52 0.39 0.00	55.20 0.76 0.00	61.04 0.66 0.00	76.65 2.38 0.00	68.65 1.54 0.00	63.09 0.93 0.00	58.12 0.23 0.00	54.27 -0.11 0.00	50.15 -0.71 0.00	46.58 0.14 0.00

MORRIS_RIDGE___SOLAR 323848	34.24 -0.80 0.00	32.54 -0.66 0.00	32.04 -0.62 0.00	32.06 -0.52 0.00	32.69 -0.46 0.00	37.71 -0.73 0.00	48.95 -1.36 0.00	54.52 -1.92 0.00	52.63 -1.41 0.00	43.81 -1.03 0.00	45.21 -1.02 0.00	46.00 -0.56 0.00	43.98 -0.72 0.00	46.25 -0.56 0.00	48.58 -0.54 0.00	53.79 -0.65 0.00	60.31 -0.06 0.00	74.73 0.45 0.00	67.18 0.07 0.00	61.85 -0.31 0.00	57.43 -0.47 0.00	53.29 -1.09 0.00	49.64 -1.22 0.00	45.98 -0.46 0.00
MORTIMER_115KV_TB3 55949	34.09 -0.95 0.00	32.47 -0.73 0.00	31.88 -0.78 0.00	31.93 -0.65 0.00	32.53 -0.63 0.00	37.60 -0.85 0.00	48.80 -1.51 0.00	53.79 -2.65 0.00	52.36 -1.68 0.00	43.63 -1.21 0.00	44.98 -1.25 0.00	45.58 -0.98 0.00	43.62 -1.07 0.00	45.83 -0.98 0.00	47.75 -1.38 0.00	53.18 -1.25 0.00	59.04 -1.33 0.00	73.61 -0.67 0.00	66.10 -1.01 0.00	60.98 -1.18 0.00	56.45 -1.45 0.00	52.70 -1.69 0.00	48.78 -2.09 0.00	45.05 -1.39 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.36 1.92 0.00	53.02 2.72 0.00	60.90 4.46 0.00	57.01 2.97 0.00	47.40 2.56 0.00	48.54 2.31 0.00	48.74 2.19 0.00	46.88 2.19 0.00	49.06 2.25 0.00	51.38 2.26 0.00	57.10 2.67 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
MUNSVILLE_WIND_PWR 323609	37.42 2.38 0.00	35.43 2.22 0.00	34.72 2.06 0.00	34.83 2.25 0.00	35.44 2.29 0.00	41.52 3.08 0.00	54.99 4.68 0.00	66.38 9.94 0.00	63.49 9.45 0.00	51.70 6.86 0.00	52.79 6.56 0.00	53.77 7.22 0.00	51.62 6.93 0.00	54.07 7.26 0.00	56.88 7.76 0.00	65.16 10.73 0.00	74.92 14.55 0.00	84.68 10.40 0.00	76.17 9.06 0.00	70.55 8.39 0.00	65.48 7.58 0.00	60.80 6.41 0.00	56.00 5.14 0.00	51.41 4.97 0.00
N SALMON___HYD 24042	37.04 2.00 0.00	34.96 1.76 0.00	34.26 1.60 0.00	34.01 1.43 0.00	34.68 1.53 0.00	40.52 2.07 0.00	51.67 1.36 0.00	57.34 0.90 0.00	56.14 2.11 0.00	46.32 1.48 0.00	47.85 1.62 0.00	48.33 1.77 0.00	46.43 1.74 0.00	48.68 1.87 0.00	51.48 2.36 0.00	57.21 2.77 0.00	62.54 2.17 0.00	77.32 3.05 0.00	69.80 2.69 0.00	64.96 2.80 0.00	60.32 2.43 0.00	57.64 3.26 0.00	53.97 3.10 0.00	49.13 2.69 0.00
N.AKRON__115KV_KNAPP 355671	34.30 -0.74 0.00	32.70 -0.50 0.00	32.11 -0.56 0.00	32.19 -0.39 0.00	32.83 -0.33 0.00	37.86 -0.58 0.00	48.80 -1.51 0.00	53.00 -3.44 0.00	52.20 -1.84 0.00	43.58 -1.26 0.00	44.89 -1.34 0.00	45.72 -0.84 0.00	43.67 -1.03 0.00	45.97 -0.84 0.00	47.80 -1.33 0.00	53.40 -1.03 0.00	59.17 -1.21 0.00	74.28 0.00 0.00	66.51 -0.60 0.00	61.16 -0.99 0.00	56.45 -1.45 0.00	52.70 -1.69 0.00	48.68 -2.19 0.00	45.28 -1.16 0.00
N.BELMOR_69_KV_BK1 55787	36.86 1.82 0.00	34.73 1.53 0.00	34.23 1.57 0.00	34.14 1.56 0.00	34.78 1.62 0.00	40.59 2.15 0.00	52.87 2.57 0.00	61.47 5.02 0.00	56.74 2.70 0.00	47.58 2.74 0.00	48.27 2.03 0.00	48.56 2.00 0.00	46.97 2.28 0.00	49.20 2.39 0.00	51.63 2.51 0.00	57.38 2.94 0.00	64.54 4.17 0.00	79.79 5.50 -0.01	72.22 5.10 -0.01	66.51 4.35 0.00	62.36 4.46 -0.01	57.64 3.26 0.00	53.51 2.64 0.00	48.95 2.51 0.00
N.E_GEN_SANDY PD 24062	37.40 1.47 -0.89	35.57 1.36 -1.01	35.47 1.31 -1.50	35.51 1.30 -1.63	37.60 1.33 -3.11	41.62 1.58 -1.60	53.01 2.16 -0.54	58.89 2.99 0.54	56.09 2.05 0.00	46.50 1.66 0.00	48.50 1.85 -0.42	48.28 1.72 0.00	46.39 1.70 0.00	49.28 1.73 -0.74	52.00 1.77 -1.11	56.50 2.07 0.00	63.21 2.84 0.00	77.70 3.42 0.00	71.00 3.22 -0.67	65.08 2.92 0.00	60.67 2.78 0.00	57.57 2.12 -1.07	52.94 1.93 -0.14	48.02 1.58 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.51 1.47 0.00	34.53 1.33 0.00	33.91 1.24 0.00	33.78 1.21 0.00	34.45 1.29 0.00	39.98 1.54 0.00	52.37 2.06 0.00	59.94 3.50 0.00	56.09 2.05 0.00	46.63 1.79 0.00	47.80 1.57 0.00	48.00 1.44 0.00	46.12 1.43 0.00	48.26 1.45 0.00	50.55 1.42 0.00	56.29 1.85 0.00	63.03 2.66 0.00	77.40 3.12 0.00	70.06 2.95 0.00	64.83 2.67 0.00	60.61 2.72 0.00	56.28 1.90 0.00	52.39 1.53 0.00	47.65 1.21 0.00
N.QUEENS_27_KV_LOAD 356247	37.11 2.07 0.00	35.17 1.96 -0.01	34.57 1.89 -0.01	34.54 1.95 -0.01	35.26 2.09 -0.01	40.94 2.50 0.00	53.73 3.42 0.00	61.59 5.14 -0.01	57.01 2.97 0.00	47.35 2.51 0.00	48.40 2.17 0.00	48.65 2.10 0.00	46.79 2.10 0.00	48.92 2.11 0.00	51.24 2.11 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.20 3.05 0.00	60.96 3.07 0.00	56.88 2.50 0.00	53.10 2.24 0.00	48.11 1.67 0.00
N.TROY___115KV_TB1 355778	36.41 1.37 0.00	34.43 1.23 0.00	33.87 1.21 0.00	33.78 1.21 0.00	34.42 1.26 0.00	39.98 1.54 0.00	52.32 2.01 0.00	59.43 2.99 0.00	56.04 2.00 0.00	46.27 1.43 0.00	47.94 1.71 0.00	48.09 1.54 0.00	46.21 1.52 0.00	48.45 1.64 0.00	50.89 1.77 0.00	56.72 2.29 0.00	63.27 2.90 0.00	77.62 3.34 0.00	70.26 3.15 0.00	65.08 2.92 0.00	60.61 2.72 0.00	56.72 2.34 0.00	52.80 1.93 0.00	48.07 1.63 0.00
NARROWS_GT1_1 24228	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT1_2 24229	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT1_3 24230	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT1_4 24231	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01

NARROWS_GT1_5 24232	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT1_6 24233	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT1_7 24234	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT1_8 24235	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_1 24236	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_2 24237	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_3 24238	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_4 24239	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_5 24240	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_6 24241	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_7 24242	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NARROWS_GT2_8 24243	37.19 2.14 -0.01	35.17 1.96 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.92 2.68 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.34 2.21 -0.01	56.68 2.23 -0.01	63.52 3.14 -0.01	78.07 3.79 -0.01	70.74 3.62 -0.01	65.21 3.04 -0.01	60.91 3.01 -0.01	56.67 2.28 -0.01	53.36 2.49 -0.01	48.59 2.14 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.72 1.68 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.14 1.56 0.00	34.75 1.59 0.00	40.48 2.04 0.00	52.92 2.62 0.00	59.83 3.39 0.00	56.41 2.38 0.00	46.50 1.66 0.00	47.90 1.66 0.00	48.00 1.44 0.00	45.90 1.21 0.00	48.12 1.31 0.00	50.55 1.42 0.00	56.89 2.45 0.00	63.81 3.44 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.89 3.73 0.00	61.60 3.71 0.00	57.10 2.72 0.00	53.25 2.39 0.00	48.72 2.28 0.00
NCHELSEA_115KV_TR2 355582	37.07 2.03 0.00	35.09 1.89 0.00	34.43 1.76 0.00	34.31 1.73 0.00	34.98 1.82 0.00	40.67 2.23 0.00	53.33 3.02 0.00	60.96 4.52 0.00	57.06 3.03 0.00	47.40 2.56 0.00	48.59 2.36 0.00	48.74 2.19 0.00	46.70 2.01 0.00	48.87 2.06 0.00	51.24 2.11 0.00	57.27 2.83 0.00	64.30 3.92 0.00	78.81 4.53 0.00	71.47 4.36 0.00	66.26 4.10 0.00	62.06 4.17 0.00	57.43 3.05 0.00	53.46 2.59 0.00	48.62 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	36.79 1.75 0.00	34.83 1.63 0.00	34.26 1.60 0.00	34.18 1.60 0.00	34.82 1.66 0.00	40.44 2.00 0.00	53.12 2.82 0.00	60.06 3.62 0.00	56.79 2.75 0.00	46.81 1.97 0.00	48.40 2.17 0.00	48.56 2.00 0.00	46.61 1.92 0.00	48.92 2.11 0.00	51.43 2.31 0.00	57.37 2.94 0.00	64.12 3.74 0.00	78.88 4.61 0.00	71.20 4.09 0.00	66.08 3.92 0.00	61.48 3.59 0.00	57.43 3.04 0.00	53.46 2.59 0.00	48.76 2.32 0.00



NEG CENTRAL_HIGH_ACRES 23767	33.64 -1.40 0.00	31.97 -1.23 0.00	31.46 -1.21 0.00	31.47 -1.11 0.00	32.06 -1.09 0.00	37.02 -1.42 0.00	48.24 -2.06 0.00	54.07 -2.37 0.00	51.98 -2.05 0.00	43.23 -1.61 0.00	44.52 -1.71 0.00	45.11 -1.44 0.00	43.13 -1.57 0.00	45.31 -1.50 0.00	47.50 -1.62 0.00	52.64 -1.80 0.00	58.80 -1.57 0.00	72.94 -1.33 0.00	65.57 -1.54 0.00	60.48 -1.68 0.00	56.16 -1.74 0.00	52.20 -2.18 0.00	48.47 -2.39 0.00	44.53 -1.91 0.00
NEG CENTRAL___DRP 24199	34.62 -0.42 0.00	32.87 -0.33 0.00	32.31 -0.36 0.00	32.29 -0.29 0.00	32.89 -0.27 0.00	38.17 -0.27 0.00	49.91 -0.40 0.00	55.71 -0.73 0.00	53.71 -0.32 0.00	44.66 -0.18 0.00	46.05 -0.18 0.00	46.32 -0.23 0.00	44.47 -0.22 0.00	46.44 -0.37 0.00	48.68 -0.44 0.00	54.27 -0.16 0.00	60.55 0.18 0.00	75.17 0.89 0.00	67.65 0.54 0.00	62.53 0.37 0.00	57.95 0.06 0.00	54.00 -0.38 0.00	50.10 -0.76 0.00	46.16 -0.28 0.00
NEG CENTRAL___INDECK 23768	35.35 0.31 0.00	33.63 0.43 0.00	33.06 0.39 0.00	33.10 0.52 0.00	33.72 0.56 0.00	38.98 0.54 0.00	50.91 0.61 0.00	57.06 0.62 0.00	55.01 0.97 0.00	45.65 0.81 0.00	46.93 0.69 0.00	47.58 1.02 0.00	45.45 0.76 0.00	47.75 0.94 0.00	50.20 1.08 0.00	54.00 -0.44 0.00	60.80 0.43 0.00	75.76 1.48 0.00	68.05 0.94 0.00	62.72 0.56 0.00	58.24 0.35 0.00	53.78 -0.60 0.00	51.52 0.66 0.00	47.42 0.98 0.00
NEG CENTRAL___SENECA 23627	34.83 -0.21 0.00	33.07 -0.13 0.00	32.47 -0.20 0.00	32.48 -0.10 0.00	33.13 -0.03 0.00	38.44 0.00 0.00	50.11 -0.20 0.00	55.76 -0.68 0.00	53.98 -0.05 0.00	44.97 0.13 0.00	46.37 0.14 0.00	46.65 0.09 0.00	44.83 0.13 0.00	46.76 -0.05 0.00	48.93 -0.20 0.00	54.60 0.16 0.00	60.98 0.60 0.00	75.91 1.63 0.00	68.25 1.14 0.00	63.03 0.87 0.00	58.36 0.46 0.00	54.33 -0.05 0.00	50.25 -0.61 0.00	46.53 0.09 0.00
NEG CENTRAL___STATE_STREET 24147	34.65 -0.39 0.00	32.87 -0.33 0.00	32.34 -0.33 0.00	32.29 -0.29 0.00	32.89 -0.27 0.00	38.17 -0.27 0.00	50.06 -0.25 0.00	56.05 -0.40 0.00	53.87 -0.16 0.00	44.66 -0.18 0.00	46.05 -0.18 0.00	46.37 -0.19 0.00	44.47 -0.22 0.00	46.48 -0.33 0.00	48.73 -0.39 0.00	54.27 -0.16 0.00	60.55 0.18 0.00	75.09 0.82 0.00	67.65 0.54 0.00	62.53 0.37 0.00	58.12 0.23 0.00	54.16 -0.22 0.00	50.36 -0.51 0.00	46.16 -0.28 0.00
NEG MILLWOOD___DRP 24198	37.11 2.07 0.00	35.13 1.93 0.00	34.49 1.83 0.00	34.34 1.76 0.00	35.02 1.86 0.00	40.71 2.27 0.00	53.63 3.32 0.00	61.47 5.02 0.00	57.55 3.51 0.00	47.75 2.91 0.00	48.91 2.68 0.00	49.12 2.56 0.00	47.11 2.41 0.00	49.24 2.43 0.00	51.68 2.55 0.00	57.70 3.27 0.00	64.66 4.29 0.00	79.48 5.20 0.00	72.01 4.90 0.00	66.76 4.60 0.00	62.52 4.63 0.00	57.86 3.48 0.00	53.81 2.95 0.00	48.72 2.28 0.00
NEG NORTH_FLCN_SEA 23793	35.81 0.77 0.00	33.73 0.53 0.00	33.09 0.42 0.00	32.81 0.23 0.00	33.46 0.30 0.00	38.67 0.23 0.00	50.71 0.40 0.00	55.60 -0.85 0.00	54.04 0.00 0.00	45.51 0.67 0.00	47.02 0.79 0.00	47.53 0.98 0.00	45.68 0.98 0.00	47.84 1.03 0.00	50.55 1.42 0.00	54.93 0.49 0.00	60.43 0.06 0.00	74.72 0.45 0.00	67.58 0.47 0.00	62.84 0.68 0.00	58.47 0.58 0.00	55.41 1.03 0.00	52.95 2.09 0.00	48.30 1.86 0.00
NEG NORTH_KES_CHATEGAY 23792	35.78 0.74 0.00	33.73 0.53 0.00	33.09 0.42 0.00	32.81 0.23 0.00	33.46 0.30 0.00	38.59 0.15 0.00	50.56 0.25 0.00	55.82 -0.62 0.00	54.31 0.27 0.00	45.38 0.54 0.00	46.88 0.65 0.00	47.39 0.84 0.00	45.54 0.85 0.00	47.70 0.89 0.00	50.40 1.28 0.00	55.14 0.71 0.00	60.61 0.24 0.00	75.02 0.74 0.00	67.85 0.74 0.00	63.09 0.93 0.00	58.70 0.81 0.00	55.69 1.31 0.00	52.80 1.93 0.00	48.20 1.76 0.00
NEG NORTH___ALICE_FALLS 23915	36.09 1.05 0.00	34.00 0.80 0.00	33.35 0.69 0.00	33.07 0.49 0.00	33.72 0.56 0.00	38.98 0.54 0.00	51.11 0.80 0.00	56.22 -0.23 0.00	54.69 0.65 0.00	45.87 1.03 0.00	47.39 1.16 0.00	47.91 1.35 0.00	46.03 1.34 0.00	48.21 1.40 0.00	50.99 1.87 0.00	55.58 1.14 0.00	61.22 0.85 0.00	75.84 1.56 0.00	68.52 1.41 0.00	63.77 1.62 0.00	59.28 1.39 0.00	56.12 1.74 0.00	53.41 2.54 0.00	48.72 2.28 0.00
NEG NORTH___LWR_SARANAC 23913	36.09 1.05 0.00	34.00 0.80 0.00	33.35 0.69 0.00	33.07 0.49 0.00	33.72 0.56 0.00	38.98 0.54 0.00	51.11 0.80 0.00	56.22 -0.23 0.00	54.69 0.65 0.00	45.87 1.03 0.00	47.39 1.16 0.00	47.91 1.35 0.00	46.03 1.34 0.00	48.21 1.40 0.00	50.99 1.87 0.00	55.58 1.14 0.00	61.22 0.85 0.00	75.84 1.56 0.00	68.52 1.41 0.00	63.77 1.62 0.00	59.28 1.39 0.00	56.12 1.74 0.00	53.41 2.54 0.00	48.72 2.28 0.00
NEG NORTH___PLATTSBURG 23628	36.09 1.05 0.00	34.00 0.80 0.00	33.35 0.69 0.00	33.07 0.49 0.00	33.72 0.56 0.00	39.29 0.84 0.00	51.11 0.80 0.00	56.39 -0.06 0.00	55.44 1.40 0.00	45.87 1.03 0.00	47.39 1.16 0.00	47.91 1.35 0.00	46.03 1.34 0.00	48.21 1.40 0.00	50.99 1.87 0.00	56.56 2.12 0.00	61.28 0.91 0.00	75.84 1.56 0.00	68.52 1.41 0.00	63.77 1.61 0.00	59.28 1.39 0.00	56.94 2.56 0.00	53.46 2.59 0.00	48.71 2.27 0.00
NEG WEST_LEA_LOCKPORT 23791	33.71 -1.33 0.00	32.17 -1.03 0.00	31.59 -1.08 0.00	31.67 -0.91 0.00	32.30 -0.86 0.00	37.25 -1.19 0.00	47.74 -2.57 0.00	51.59 -4.85 0.00	50.90 -3.13 0.00	42.51 -2.33 0.00	43.87 -2.36 0.00	44.69 -1.86 0.00	42.77 -1.92 0.00	44.98 -1.83 0.00	46.72 -2.41 0.00	52.15 -2.29 0.00	57.66 -2.72 0.00	72.20 -2.08 0.00	64.76 -2.35 0.00	59.49 -2.67 0.00	54.88 -3.01 0.00	51.44 -2.94 0.00	47.61 -3.26 0.00	44.44 -2.00 0.00
NEG WEST___LANCASTER 23811	34.48 -0.56 0.00	32.84 -0.37 0.00	32.27 -0.39 0.00	32.32 -0.26 0.00	32.99 -0.17 0.00	38.06 -0.38 0.00	49.05 -1.26 0.00	53.28 -3.16 0.00	52.31 -1.73 0.00	43.63 -1.21 0.00	45.03 -1.20 0.00	45.90 -0.65 0.00	43.93 -0.76 0.00	46.15 -0.66 0.00	48.09 -1.03 0.00	53.62 -0.82 0.00	59.53 -0.85 0.00	74.35 0.07 0.00	66.71 -0.40 0.00	61.35 -0.81 0.00	56.62 -1.27 0.00	53.02 -1.36 0.00	49.03 -1.83 0.00	45.79 -0.65 0.00
NEG_PENN_ALLEGHNY 23528	35.18 0.14 0.00	33.37 0.17 0.00	32.83 0.16 0.00	32.78 0.20 0.00	33.39 0.23 0.00	38.67 0.23 0.00	50.66 0.35 0.00	56.84 0.40 0.00	54.42 0.38 0.00	45.16 0.32 0.00	46.51 0.28 0.00	46.97 0.42 0.00	45.01 0.32 0.00	47.14 0.33 0.00	49.47 0.35 0.00	54.98 0.54 0.00	61.52 1.14 0.00	75.76 1.48 0.00	68.32 1.21 0.00	63.15 0.99 0.00	58.70 0.81 0.00	54.65 0.27 0.00	50.86 0.00 0.00	46.72 0.28 0.00
NEG___GEN_MONROE 24207	34.41 -0.63 0.00	32.77 -0.43 0.00	32.14 -0.52 0.00	32.19 -0.39 0.00	32.79 -0.36 0.00	37.90 -0.54 0.00	49.05 -1.26 0.00	53.85 -2.60 0.00	52.58 -1.46 0.00	43.76 -1.08 0.00	45.03 -1.20 0.00	45.58 -0.98 0.00	43.58 -1.12 0.00	45.83 -0.98 0.00	47.75 -1.38 0.00	53.24 -1.20 0.00	59.04 -1.33 0.00	73.68 -0.59 0.00	66.24 -0.87 0.00	61.10 -1.06 0.00	56.45 -1.45 0.00	52.64 -1.74 0.00	48.68 -2.19 0.00	45.19 -1.25 0.00

NEPA__ENERGY 23901	34.20 -0.84 0.00	32.60 -0.60 0.00	32.08 -0.59 0.00	32.16 -0.42 0.00	32.83 -0.33 0.00	37.90 -0.54 0.00	48.75 -1.56 0.00	52.89 -3.56 0.00	52.20 -1.84 0.00	43.63 -1.21 0.00	45.03 -1.20 0.00	46.00 -0.56 0.00	43.98 -0.72 0.00	46.25 -0.56 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.41 -0.97 0.00	74.43 0.15 0.00	66.71 -0.40 0.00	61.29 -0.87 0.00	56.50 -1.39 0.00	52.91 -1.47 0.00	48.93 -1.93 0.00	45.56 -0.88 0.00
NEVERSink__HYD 23608	37.07 2.03 0.00	35.16 1.96 0.00	34.43 1.76 0.00	34.34 1.76 0.00	35.01 1.86 0.00	40.67 2.23 0.00	53.33 3.02 0.00	60.39 3.95 0.00	56.79 2.75 0.00	47.30 2.46 0.00	48.40 2.17 0.00	48.51 1.96 0.00	46.39 1.70 0.00	48.59 1.78 0.00	50.89 1.77 0.00	56.89 2.45 0.00	64.18 3.81 0.00	79.04 4.76 0.00	71.74 4.63 0.00	66.44 4.29 0.00	62.06 4.17 0.00	57.32 2.93 0.00	53.41 2.54 0.00	48.81 2.37 0.00
NEWKRMKL_115KV_TB1 55635	35.60 0.56 0.00	33.70 0.50 0.00	33.19 0.52 0.00	33.07 0.49 0.00	33.66 0.50 0.00	39.13 0.69 0.00	51.21 0.91 0.00	58.19 1.75 0.00	54.96 0.92 0.00	45.42 0.58 0.00	46.97 0.74 0.00	47.21 0.65 0.00	45.32 0.63 0.00	47.51 0.70 0.00	49.86 0.74 0.00	55.52 1.09 0.00	61.94 1.57 0.00	75.99 1.71 0.00	68.72 1.61 0.00	63.65 1.49 0.00	59.34 1.45 0.00	55.41 1.03 0.00	51.68 0.81 0.00	47.04 0.60 0.00
NEWTON__FALLS_HYD 23847	36.97 1.93 0.00	34.99 1.79 0.00	34.30 1.63 0.00	34.27 1.69 0.00	34.95 1.79 0.00	38.33 -0.12 0.00	50.71 0.40 0.00	57.01 0.56 0.00	55.01 0.97 0.00	45.33 0.49 0.00	46.65 0.42 0.00	47.35 0.79 0.00	45.50 0.80 0.00	47.70 0.89 0.00	50.30 1.18 0.00	56.12 1.69 0.00	62.73 2.35 0.00	77.55 3.27 0.00	69.79 2.68 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.56 2.18 0.00	52.54 1.68 0.00	47.93 1.49 0.00
NGRID_A1_DSASP 323792	33.22 -1.82 0.00	31.77 -1.43 0.00	31.26 -1.40 0.00	31.31 -1.27 0.00	31.90 -1.26 0.00	36.60 -1.84 0.00	46.68 -3.62 0.00	51.53 -4.91 0.00	49.82 -4.21 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.67 -2.89 0.00	41.74 -2.95 0.00	43.91 -2.90 0.00	46.03 -3.09 0.00	50.79 -3.65 0.00	56.69 -3.68 0.00	70.19 -4.09 0.00	63.08 -4.02 0.00	57.87 -4.29 0.00	53.78 -4.11 0.00	50.08 -4.30 0.00	46.69 -4.17 0.00	43.42 -3.02 0.00
NGRID_A2_DSASP 323793	33.22 -1.82 0.00	31.77 -1.43 0.00	31.26 -1.40 0.00	31.31 -1.27 0.00	31.90 -1.26 0.00	36.60 -1.84 0.00	46.68 -3.62 0.00	51.53 -4.91 0.00	49.82 -4.21 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.67 -2.89 0.00	41.74 -2.95 0.00	43.91 -2.90 0.00	46.03 -3.09 0.00	50.79 -3.65 0.00	56.69 -3.68 0.00	70.19 -4.09 0.00	63.08 -4.02 0.00	57.87 -4.29 0.00	53.78 -4.11 0.00	50.08 -4.30 0.00	46.69 -4.17 0.00	43.42 -3.02 0.00
NGRID_A4_DSASP 323807	33.22 -1.82 0.00	31.77 -1.43 0.00	31.26 -1.40 0.00	31.31 -1.27 0.00	31.90 -1.26 0.00	36.60 -1.84 0.00	46.68 -3.62 0.00	51.53 -4.91 0.00	49.82 -4.21 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.67 -2.89 0.00	41.74 -2.95 0.00	43.91 -2.90 0.00	46.03 -3.09 0.00	50.79 -3.65 0.00	56.69 -3.68 0.00	70.19 -4.09 0.00	63.08 -4.02 0.00	57.87 -4.29 0.00	53.78 -4.11 0.00	50.08 -4.30 0.00	46.69 -4.17 0.00	43.42 -3.02 0.00
NIAGARA_115E_LBMP 323715	32.94 -2.10 0.00	31.44 -1.76 0.00	30.93 -1.73 0.00	31.02 -1.56 0.00	31.60 -1.56 0.00	36.33 -2.11 0.00	46.48 -3.83 0.00	51.36 -5.08 0.00	49.61 -4.43 0.00	41.34 -3.50 0.00	42.62 -3.61 0.00	43.48 -3.07 0.00	41.56 -3.13 0.00	43.72 -3.09 0.00	45.83 -3.29 0.00	50.62 -3.81 0.00	56.51 -3.87 0.00	69.97 -4.31 0.00	62.95 -4.16 0.00	57.75 -4.41 0.00	53.61 -4.28 0.00	49.92 -4.46 0.00	46.54 -4.32 0.00	43.24 -3.20 0.00
NIAGARA_115W_LBMP 323714	33.15 -1.89 0.00	31.71 -1.49 0.00	31.20 -1.47 0.00	31.24 -1.34 0.00	31.86 -1.29 0.00	36.52 -1.92 0.00	46.59 -3.72 0.00	51.42 -5.02 0.00	49.66 -4.38 0.00	41.39 -3.45 0.00	42.72 -3.52 0.00	43.58 -2.98 0.00	41.65 -3.04 0.00	43.81 -3.00 0.00	45.93 -3.19 0.00	50.68 -3.76 0.00	56.51 -3.87 0.00	69.97 -4.31 0.00	62.95 -4.16 0.00	57.75 -4.41 0.00	53.61 -4.28 0.00	49.98 -4.40 0.00	46.59 -4.27 0.00	43.28 -3.16 0.00
NIAGARA_230_LBMP 323716	33.32 -1.72 0.00	31.81 -1.39 0.00	31.26 -1.40 0.00	31.34 -1.24 0.00	31.93 -1.23 0.00	36.71 -1.73 0.00	47.04 -3.27 0.00	51.92 -4.52 0.00	50.15 -3.89 0.00	41.75 -3.09 0.00	43.09 -3.15 0.00	43.95 -2.61 0.00	42.01 -2.68 0.00	44.14 -2.67 0.00	46.27 -2.85 0.00	51.11 -3.32 0.00	56.99 -3.38 0.00	70.57 -3.71 0.00	63.48 -3.62 0.00	58.24 -3.91 0.00	54.13 -3.76 0.00	50.41 -3.97 0.00	47.00 -3.87 0.00	43.65 -2.79 0.00
NIAGARA__115KV_198_GIBSON 55903	33.11 -1.93 0.00	31.67 -1.53 0.00	31.06 -1.60 0.00	31.15 -1.43 0.00	31.77 -1.39 0.00	36.56 -1.88 0.00	46.58 -3.72 0.00	50.12 -6.32 0.00	49.50 -4.54 0.00	41.39 -3.45 0.00	42.67 -3.56 0.00	43.53 -3.03 0.00	41.65 -3.04 0.00	43.77 -3.04 0.00	45.44 -3.68 0.00	50.68 -3.76 0.00	55.97 -4.41 0.00	69.97 -4.31 0.00	62.75 -4.36 0.00	57.68 -4.48 0.00	53.20 -4.69 0.00	49.98 -4.40 0.00	46.34 -4.53 0.00	43.28 -3.16 0.00
NIAGARA____ 23760	33.32 -1.72 0.00	31.81 -1.39 0.00	31.26 -1.40 0.00	31.34 -1.24 0.00	31.93 -1.23 0.00	36.71 -1.73 0.00	47.04 -3.27 0.00	51.92 -4.52 0.00	50.15 -3.89 0.00	41.75 -3.09 0.00	43.09 -3.15 0.00	43.95 -2.61 0.00	42.01 -2.68 0.00	44.14 -2.67 0.00	46.27 -2.85 0.00	51.11 -3.32 0.00	56.99 -3.38 0.00	70.57 -3.71 0.00	63.48 -3.62 0.00	58.24 -3.91 0.00	54.13 -3.76 0.00	50.41 -3.97 0.00	47.00 -3.87 0.00	43.65 -2.79 0.00
NINE_MILE_1 23575	33.71 -1.33 0.00	32.01 -1.19 0.00	31.49 -1.17 0.00	31.44 -1.14 0.00	32.00 -1.16 0.00	37.02 -1.42 0.00	48.50 -1.81 0.00	54.46 -1.98 0.00	52.09 -1.94 0.00	43.23 -1.61 0.00	44.52 -1.71 0.00	44.88 -1.67 0.00	43.09 -1.61 0.00	45.13 -1.68 0.00	47.36 -1.77 0.00	52.48 -1.96 0.00	58.50 -1.87 0.00	72.05 -2.23 0.00	65.03 -2.08 0.00	60.17 -1.99 0.00	55.98 -1.91 0.00	52.37 -2.01 0.00	48.88 -1.98 0.00	44.68 -1.76 0.00
NINE_MILE_2 23744	33.71 -1.33 0.00	32.01 -1.19 0.00	31.49 -1.17 0.00	31.44 -1.14 0.00	32.00 -1.16 0.00	37.02 -1.42 0.00	48.50 -1.81 0.00	54.46 -1.98 0.00	52.09 -1.94 0.00	43.23 -1.61 0.00	44.52 -1.71 0.00	44.88 -1.67 0.00	43.09 -1.61 0.00	45.13 -1.68 0.00	47.36 -1.77 0.00	52.48 -1.96 0.00	58.50 -1.87 0.00	72.05 -2.23 0.00	65.03 -2.08 0.00	60.17 -1.99 0.00	55.98 -1.91 0.00	52.37 -2.01 0.00	48.88 -1.98 0.00	44.68 -1.76 0.00
NM_CAPITAL__DRP 24208	35.78 0.74 0.00	33.86 0.66 0.00	33.35 0.69 0.00	33.23 0.65 0.00	33.82 0.66 0.00	39.29 0.85 0.00	51.46 1.16 0.00	58.42 1.98 0.00	55.17 1.13 0.00	45.60 0.76 0.00	47.20 0.97 0.00	47.39 0.84 0.00	45.54 0.85 0.00	47.70 0.89 0.00	50.11 0.98 0.00	55.74 1.31 0.00	62.18 1.81 0.00	76.28 2.01 0.00	68.99 1.88 0.00	63.90 1.74 0.00	59.57 1.68 0.00	55.69 1.31 0.00	51.93 1.07 0.00	47.23 0.79 0.00

NM_CENTRAL___DRP 24181	34.41 -0.63 0.00	32.67 -0.53 0.00	32.11 -0.56 0.00	32.06 -0.52 0.00	32.66 -0.50 0.00	37.86 -0.58 0.00	49.60 -0.70 0.00	55.65 -0.79 0.00	53.39 -0.65 0.00	44.30 -0.54 0.00	45.63 -0.60 0.00	46.00 -0.56 0.00	44.11 -0.58 0.00	46.15 -0.66 0.00	48.34 -0.79 0.00	53.78 -0.65 0.00	59.89 -0.48 0.00	73.91 -0.37 0.00	66.64 -0.47 0.00	61.66 -0.50 0.00	57.31 -0.58 0.00	53.51 -0.87 0.00	49.85 -1.02 0.00	45.70 -0.74 0.00
NM_FRONTIER___DRP 24179	33.11 -1.93 0.00	31.67 -1.53 0.00	31.06 -1.60 0.00	31.15 -1.43 0.00	31.77 -1.39 0.00	36.56 -1.88 0.00	46.58 -3.72 0.00	50.12 -6.32 0.00	49.50 -4.54 0.00	41.39 -3.45 0.00	42.67 -3.56 0.00	43.53 -3.03 0.00	41.65 -3.04 0.00	43.77 -3.04 0.00	45.44 -3.68 0.00	50.68 -3.76 0.00	55.97 -4.41 0.00	69.97 -4.31 0.00	62.75 -4.36 0.00	57.68 -4.48 0.00	53.20 -4.69 0.00	49.98 -4.40 0.00	46.34 -4.53 0.00	43.28 -3.16 0.00
NM_ST_REGIS___HYD 24053	38.47 3.43 0.00	36.35 3.15 0.00	35.60 2.94 0.00	35.51 2.93 0.00	36.21 3.05 0.00	39.21 0.77 0.00	51.77 1.46 0.00	57.74 1.30 0.00	56.04 2.00 0.00	46.32 1.48 0.00	47.71 1.48 0.00	48.37 1.82 0.00	46.48 1.79 0.00	48.73 1.92 0.00	51.53 2.41 0.00	57.10 2.67 0.00	63.51 3.14 0.00	78.66 4.38 0.00	70.80 3.69 0.00	65.83 3.67 0.00	61.14 3.24 0.00	57.70 3.32 0.00	53.97 3.10 0.00	49.18 2.74 0.00
NORTHPORT___1 23551	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.62 1.46 0.00	40.44 2.00 0.00	52.87 2.56 0.00	60.33 3.89 0.00	56.04 2.00 0.00	47.04 2.20 0.00	48.13 1.90 0.00	48.23 1.67 0.00	46.75 2.06 0.00	49.29 2.48 0.00	51.92 2.80 0.00	57.65 3.21 0.00	65.20 4.83 0.00	79.86 5.57 -0.01	72.29 5.17 -0.01	66.69 4.54 0.00	62.47 4.57 -0.01	57.48 3.10 0.00	53.46 2.59 0.00	49.04 2.60 0.00
NORTHPORT___2 23552	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.62 1.46 0.00	40.44 2.00 0.00	52.87 2.56 0.00	60.33 3.89 0.00	56.04 2.00 0.00	47.04 2.20 0.00	48.13 1.90 0.00	48.23 1.67 0.00	46.75 2.06 0.00	49.29 2.48 0.00	51.92 2.80 0.00	57.65 3.21 0.00	65.20 4.83 0.00	79.86 5.57 -0.01	72.29 5.17 -0.01	66.69 4.54 0.00	62.47 4.57 -0.01	57.48 3.10 0.00	53.46 2.59 0.00	49.04 2.60 0.00
NORTHPORT___3 23553	36.54 1.51 0.00	34.43 1.23 0.00	33.78 1.11 0.00	33.65 1.07 0.00	34.49 1.33 0.00	40.25 1.81 0.00	52.07 1.76 0.00	59.32 2.88 0.00	55.17 1.14 0.00	46.77 1.93 0.00	48.03 1.80 0.00	48.00 1.44 0.00	46.57 1.88 0.00	48.73 1.92 0.00	51.09 1.97 0.00	56.39 1.96 0.00	63.81 3.44 0.00	78.22 3.93 -0.01	70.81 3.69 -0.01	65.39 3.23 0.00	61.20 3.30 -0.01	56.34 1.95 0.00	52.44 1.58 0.00	48.53 2.09 0.00
NORTHPORT___4 23650	36.54 1.51 0.00	34.43 1.23 0.00	33.78 1.11 0.00	33.65 1.07 0.00	34.49 1.33 0.00	40.25 1.81 0.00	52.07 1.76 0.00	59.32 2.88 0.00	55.17 1.14 0.00	46.77 1.93 0.00	48.03 1.80 0.00	48.00 1.44 0.00	46.57 1.88 0.00	48.73 1.92 0.00	51.09 1.97 0.00	56.39 1.96 0.00	63.81 3.44 0.00	78.22 3.93 -0.01	70.81 3.69 -0.01	65.39 3.23 0.00	61.20 3.30 -0.01	56.34 1.95 0.00	52.44 1.58 0.00	48.53 2.09 0.00
NORTHPORT___IC 23718	36.65 1.61 0.00	34.56 1.36 0.00	34.13 1.47 0.00	34.08 1.50 0.00	34.68 1.53 0.00	40.52 2.08 0.00	52.72 2.41 0.00	61.69 5.25 0.00	56.58 2.54 0.00	47.40 2.56 0.00	48.03 1.80 0.00	48.33 1.77 0.00	46.84 2.15 0.00	49.20 2.39 0.00	51.82 2.70 0.00	57.65 3.21 0.00	64.78 4.41 0.00	80.08 5.79 -0.01	72.55 5.44 -0.01	66.70 4.54 0.00	62.65 4.75 -0.01	57.86 3.48 0.00	53.51 2.64 0.00	49.04 2.60 0.00
NORTH___COUNTRY_ESR 323785	35.67 0.63 0.00	33.63 0.43 0.00	32.99 0.33 0.00	32.71 0.13 0.00	33.36 0.20 0.00	38.86 0.42 0.00	50.46 0.15 0.00	55.82 -0.62 0.00	54.69 0.65 0.00	45.29 0.45 0.00	46.79 0.56 0.00	47.26 0.70 0.00	45.45 0.76 0.00	47.61 0.80 0.00	50.25 1.13 0.00	55.63 1.20 0.00	60.43 0.06 0.00	74.65 0.37 0.00	67.51 0.41 0.00	62.78 0.62 0.00	58.41 0.52 0.00	56.07 1.69 0.00	52.64 1.78 0.00	48.02 1.58 0.00
NPX_GEN_1385_PROXY 323591	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.62 1.46 0.00	40.44 2.00 0.00	53.76 2.92 -0.54	60.19 4.29 0.54	56.36 2.32 0.00	46.99 2.15 0.00	48.26 2.03 0.00	48.47 1.91 0.00	47.06 2.37 0.00	49.95 3.14 0.00	52.66 3.54 0.00	58.41 3.97 0.00	66.53 6.16 0.00	81.42 7.13 -0.01	73.76 6.65 -0.01	68.07 5.91 0.00	63.75 5.84 -0.01	58.63 4.24 0.00	54.17 3.30 0.00	49.60 3.16 0.00
NPX_GEN_CSC 323557	36.06 1.02 0.00	33.93 0.73 0.00	33.32 0.65 0.00	33.20 0.62 0.00	34.35 1.19 0.00	40.21 1.77 0.00	53.21 2.36 -0.54	59.63 3.72 0.54	55.28 1.24 0.00	46.37 1.53 0.00	46.83 0.60 0.00	46.93 0.37 0.00	45.54 0.85 0.00	48.78 1.97 0.00	52.12 3.00 0.00	58.36 3.92 0.00	65.38 5.01 0.00	79.34 5.05 -0.01	71.88 4.77 -0.01	66.26 4.10 0.00	62.30 4.40 -0.01	56.67 2.28 0.00	52.69 1.83 0.00	48.30 1.86 0.00
NSINS_S___GLNS_FALLS 23858	36.55 1.51 0.00	34.59 1.39 0.00	34.04 1.37 0.00	33.95 1.37 0.00	34.62 1.46 0.00	40.09 1.65 0.00	52.47 2.16 0.00	59.77 3.33 0.00	56.31 2.27 0.00	46.19 1.35 0.00	47.80 1.57 0.00	47.91 1.35 0.00	45.94 1.25 0.00	48.21 1.40 0.00	50.89 1.77 0.00	56.99 2.56 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.60 3.49 0.00	65.39 3.23 0.00	60.96 3.07 0.00	57.26 2.88 0.00	53.15 2.29 0.00	48.48 2.04 0.00
NUCOR_STEEL___DRP 24197	34.65 -0.39 0.00	32.90 -0.30 0.00	32.34 -0.33 0.00	32.29 -0.29 0.00	32.89 -0.27 0.00	38.13 -0.31 0.00	50.01 -0.30 0.00	55.93 -0.51 0.00	53.77 -0.27 0.00	44.57 -0.27 0.00	45.91 -0.32 0.00	46.28 -0.28 0.00	44.38 -0.31 0.00	46.44 -0.37 0.00	48.68 -0.44 0.00	54.22 -0.22 0.00	60.43 0.06 0.00	74.87 0.59 0.00	67.51 0.40 0.00	62.47 0.31 0.00	58.01 0.12 0.00	54.16 -0.22 0.00	50.36 -0.51 0.00	46.16 -0.28 0.00
NUMBER_THREE_WT_PWR 323818	35.60 0.56 0.00	33.73 0.53 0.00	33.09 0.42 0.00	33.10 0.52 0.00	33.76 0.60 0.00	39.36 0.92 0.00	50.86 0.55 0.00	57.29 0.85 0.00	55.01 0.97 0.00	45.29 0.45 0.00	46.65 0.42 0.00	47.49 0.93 0.00	45.59 0.89 0.00	47.84 1.03 0.00	50.30 1.18 0.00	56.34 1.90 0.00	63.09 2.72 0.00	77.84 3.57 0.00	70.13 3.02 0.00	65.02 2.86 0.00	60.38 2.49 0.00	56.56 2.18 0.00	52.34 1.48 0.00	47.79 1.35 0.00
NYISO_LBMP_REFERENCE 24008	35.04 0.00 0.00	33.20 0.00 0.00	32.66 0.00 0.00	32.58 0.00 0.00	33.16 0.00 0.00	38.44 0.00 0.00	50.31 0.00 0.00	56.44 0.00 0.00	54.04 0.00 0.00	44.84 0.00 0.00	46.23 0.00 0.00	46.56 0.00 0.00	44.69 0.00 0.00	46.81 0.00 0.00	49.12 0.00 0.00	54.44 0.00 0.00	60.37 0.00 0.00	74.28 0.00 0.00	67.11 0.00 0.00	62.16 0.00 0.00	57.89 0.00 0.00	54.38 0.00 0.00	50.86 0.00 0.00	46.44 0.00 0.00

NYPA_BRENTWD____GT 24164	36.93 1.89 0.00	34.79 1.59 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.88 1.72 0.00	40.79 2.35 0.00	53.33 3.02 0.00	60.90 4.46 0.00	56.52 2.49 0.00	47.48 2.64 0.00	48.50 2.26 0.00	48.60 2.05 0.00	47.10 2.41 0.00	49.67 2.86 0.00	52.41 3.29 0.00	58.25 3.81 0.00	65.92 5.55 0.00	80.75 6.46 -0.01	73.16 6.04 -0.01	67.44 5.28 0.00	63.17 5.27 -0.01	58.03 3.64 0.00	53.97 3.10 0.00	49.50 3.06 0.00
NYPA_GOWANUS____GT5 24156	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
NYPA_GOWANUS____GT6 24157	37.15 2.10 -0.01	35.13 1.92 -0.01	34.40 1.73 -0.01	34.25 1.66 -0.01	34.99 1.82 -0.01	40.55 2.11 0.00	53.02 2.71 0.00	60.52 4.07 -0.01	56.59 2.54 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.03 2.47 -0.01	47.16 2.46 -0.01	49.30 2.48 -0.01	51.29 2.16 -0.01	56.62 2.18 -0.01	63.52 3.14 -0.01	78.00 3.71 -0.01	70.67 3.55 -0.01	65.15 2.98 -0.01	60.85 2.95 -0.01	56.62 2.23 -0.01	53.31 2.44 -0.01	48.54 2.09 -0.01
NYPA_HARLEM__RVR__GT1 24160	37.11 2.07 0.00	35.13 1.92 -0.01	34.40 1.73 -0.01	34.38 1.79 -0.01	35.12 1.96 -0.01	40.68 2.23 -0.01	53.28 2.97 -0.01	61.02 4.57 -0.01	56.25 2.22 0.00	47.12 2.29 0.01	48.31 2.08 0.01	48.50 1.96 0.01	46.61 1.92 0.01	48.72 1.92 0.01	50.83 1.72 0.01	56.22 1.79 0.01	62.96 2.59 0.01	77.39 3.12 0.01	70.12 3.02 0.01	64.64 2.49 0.01	60.37 2.49 0.01	56.28 1.90 0.00	52.90 2.04 0.00	48.06 1.62 0.00
NYPA_HARLEM__RVR__GT2 24161	37.11 2.07 0.00	35.13 1.92 -0.01	34.40 1.73 -0.01	34.38 1.79 -0.01	35.12 1.96 -0.01	40.68 2.23 -0.01	53.28 2.97 -0.01	61.02 4.57 -0.01	56.25 2.22 0.00	47.12 2.29 0.01	48.31 2.08 0.01	48.50 1.96 0.01	46.61 1.92 0.01	48.72 1.92 0.01	50.83 1.72 0.01	56.22 1.79 0.01	62.96 2.59 0.01	77.39 3.12 0.01	70.12 3.02 0.01	64.64 2.49 0.01	60.37 2.49 0.01	56.28 1.90 0.00	52.90 2.04 0.00	48.06 1.62 0.00
NYPA_KENT____GT 24152	37.11 2.07 0.00	35.10 1.89 -0.01	34.34 1.66 -0.01	34.22 1.63 -0.01	34.96 1.79 -0.01	40.52 2.07 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.64 2.59 0.00	47.58 2.74 0.00	48.78 2.54 0.00	48.98 2.42 0.00	47.11 2.41 0.00	49.25 2.43 0.00	51.29 2.16 0.00	56.67 2.23 0.00	63.45 3.08 0.00	77.99 3.71 0.00	70.67 3.55 0.00	65.15 2.98 0.00	60.91 3.01 0.00	56.62 2.23 0.00	53.21 2.34 0.00	48.44 2.00 0.00
NYPA_POUCH1____GT 24155	37.22 2.17 -0.01	35.17 1.96 -0.01	34.44 1.76 -0.01	34.28 1.69 -0.01	35.02 1.86 -0.01	40.59 2.15 0.00	52.92 2.61 0.00	60.34 3.89 -0.01	56.42 2.37 -0.01	47.67 2.83 -0.01	48.87 2.63 -0.01	49.08 2.51 -0.01	47.20 2.50 -0.01	49.34 2.53 -0.01	51.19 2.06 -0.01	56.40 1.96 -0.01	63.34 2.96 -0.01	77.78 3.49 -0.01	70.47 3.35 -0.01	64.97 2.80 -0.01	60.68 2.78 -0.01	56.51 2.12 -0.01	53.36 2.49 -0.01	48.68 2.23 -0.01
NYPA_VERNON____GT2 24162	37.00 1.96 0.00	35.03 1.82 -0.01	34.31 1.63 -0.01	34.18 1.60 -0.01	34.89 1.72 -0.01	40.44 2.00 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.63 2.59 0.00	47.49 2.64 0.00	48.68 2.45 0.00	48.88 2.33 0.00	46.97 2.28 0.00	49.10 2.29 0.00	51.23 2.11 0.00	56.67 2.23 0.00	63.51 3.14 0.00	77.99 3.71 0.00	70.66 3.55 0.00	65.20 3.04 0.00	60.85 2.95 0.00	56.61 2.23 0.00	53.10 2.24 0.00	48.30 1.86 0.00
NYPA_VERNON____GT3 24163	37.00 1.96 0.00	35.03 1.82 -0.01	34.31 1.63 -0.01	34.18 1.60 -0.01	34.89 1.72 -0.01	40.44 2.00 0.00	53.02 2.71 0.00	60.57 4.12 -0.01	56.63 2.59 0.00	47.49 2.64 0.00	48.68 2.45 0.00	48.88 2.33 0.00	46.97 2.28 0.00	49.10 2.29 0.00	51.23 2.11 0.00	56.67 2.23 0.00	63.51 3.14 0.00	77.99 3.71 0.00	70.66 3.55 0.00	65.20 3.04 0.00	60.85 2.95 0.00	56.61 2.23 0.00	53.10 2.24 0.00	48.30 1.86 0.00
NYPA__ASTORIA_CC1 323568	37.00 1.96 0.00	35.00 1.79 -0.01	34.27 1.60 -0.01	34.18 1.60 -0.01	34.89 1.72 -0.01	40.44 2.00 0.00	52.97 2.66 0.00	60.52 4.07 -0.01	56.52 2.49 0.00	47.39 2.55 0.00	48.59 2.36 0.00	48.79 2.23 0.00	46.88 2.19 0.00	49.01 2.20 0.00	51.14 2.01 0.00	56.56 2.12 0.00	63.33 2.96 0.00	77.77 3.49 0.00	70.46 3.35 0.00	65.02 2.86 0.00	60.67 2.78 0.00	56.45 2.07 0.00	53.00 2.14 0.00	48.20 1.76 0.00
NYPA__ASTORIA_CC2 323569	37.00 1.96 0.00	35.00 1.79 -0.01	34.27 1.60 -0.01	34.18 1.60 -0.01	34.89 1.72 -0.01	40.44 2.00 0.00	52.97 2.66 0.00	60.52 4.07 -0.01	56.52 2.49 0.00	47.39 2.55 0.00	48.63 2.40 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.01 2.20 0.00	51.14 2.01 0.00	56.56 2.12 0.00	63.33 2.96 0.00	77.77 3.49 0.00	70.46 3.35 0.00	65.02 2.86 0.00	60.67 2.78 0.00	56.45 2.07 0.00	53.00 2.14 0.00	48.20 1.76 0.00
NYPA__HOLTSVILL 23794	36.51 1.47 0.00	34.39 1.19 0.00	33.74 1.08 0.00	33.65 1.07 0.00	34.55 1.39 0.00	40.40 1.96 0.00	52.82 2.51 0.00	60.28 3.84 0.00	55.88 1.84 0.00	46.95 2.11 0.00	47.85 1.62 0.00	47.95 1.40 0.00	46.48 1.79 0.00	49.15 2.34 0.00	51.97 2.85 0.00	57.81 3.38 0.00	65.26 4.89 0.00	79.71 5.42 -0.01	72.22 5.10 -0.01	66.57 4.41 0.00	62.47 4.57 -0.01	57.32 2.93 0.00	53.36 2.49 0.00	48.95 2.51 0.00
NYPA__HELLGATE_GT1 24158	37.11 2.07 0.00	35.13 1.92 -0.01	34.40 1.73 -0.01	34.38 1.79 -0.01	35.12 1.96 -0.01	40.68 2.23 -0.01	53.28 2.97 -0.01	61.02 4.57 -0.01	56.25 2.22 0.00	47.12 2.29 0.01	48.31 2.08 0.01	48.50 1.96 0.01	46.61 1.92 0.01	48.72 1.92 0.01	50.83 1.72 0.01	56.22 1.79 0.01	62.96 2.59 0.01	77.39 3.12 0.01	70.12 3.02 0.01	64.64 2.49 0.01	60.37 2.49 0.01	56.28 1.90 0.00	52.90 2.04 0.00	48.06 1.62 0.00
NYPA__HELLGATE_GT2 24159	37.11 2.07 0.00	35.13 1.92 -0.01	34.40 1.73 -0.01	34.38 1.79 -0.01	35.12 1.96 -0.01	40.68 2.23 -0.01	53.28 2.97 -0.01	61.02 4.57 -0.01	56.25 2.22 0.00	47.12 2.29 0.01	48.31 2.08 0.01	48.50 1.96 0.01	46.61 1.92 0.01	48.72 1.92 0.01	50.83 1.72 0.01	56.22 1.79 0.01	62.96 2.59 0.01	77.39 3.12 0.01	70.12 3.02 0.01	64.64 2.49 0.01	60.37 2.49 0.01	56.28 1.90 0.00	52.90 2.04 0.00	48.06 1.62 0.00
NYS_BARGE__HYD 23848	33.78 -1.26 0.00	32.24 -0.96 0.00	31.72 -0.95 0.00	31.80 -0.78 0.00	32.43 -0.73 0.00	37.25 -1.19 0.00	47.84 -2.46 0.00	52.94 -3.50 0.00	51.17 -2.87 0.00	42.60 -2.24 0.00	43.92 -2.31 0.00	44.83 -1.72 0.00	42.86 -1.83 0.00	45.08 -1.73 0.00	47.26 -1.87 0.00	52.20 -2.23 0.00	58.38 -1.99 0.00	72.42 -1.85 0.00	65.10 -2.01 0.00	59.73 -2.43 0.00	55.46 -2.43 0.00	51.55 -2.83 0.00	47.97 -2.90 0.00	44.49 -1.95 0.00

OAK ORCHARD___HYD 24046	34.13 -0.91 0.00	32.50 -0.70 0.00	31.95 -0.72 0.00	31.99 -0.59 0.00	32.56 -0.60 0.00	37.60 -0.85 0.00	48.80 -1.51 0.00	54.52 -1.92 0.00	52.47 -1.57 0.00	43.63 -1.21 0.00	44.98 -1.25 0.00	45.58 -0.98 0.00	43.62 -1.07 0.00	45.87 -0.94 0.00	48.09 -1.03 0.00	53.19 -1.25 0.00	59.35 -1.03 0.00	73.68 -0.60 0.00	66.23 -0.87 0.00	61.04 -1.12 0.00	56.67 -1.22 0.00	52.70 -1.69 0.00	48.98 -1.88 0.00	45.05 -1.39 0.00
OAKDALE___35_KV_LOAD 356122	35.11 0.07 0.00	33.30 0.10 0.00	32.73 0.07 0.00	32.68 0.10 0.00	33.29 0.13 0.00	38.59 0.15 0.00	50.51 0.20 0.00	56.55 0.11 0.00	54.25 0.22 0.00	44.97 0.13 0.00	46.37 0.14 0.00	46.79 0.23 0.00	44.87 0.18 0.00	46.95 0.14 0.00	49.22 0.10 0.00	54.82 0.38 0.00	61.16 0.78 0.00	75.47 1.19 0.00	67.98 0.87 0.00	62.84 0.68 0.00	58.41 0.52 0.00	54.54 0.16 0.00	50.71 -0.15 0.00	46.58 0.14 0.00
OCC_CHEM___DRP 24175	33.18 -1.86 0.00	31.71 -1.49 0.00	31.13 -1.54 0.00	31.21 -1.37 0.00	31.83 -1.33 0.00	36.63 -1.81 0.00	46.69 -3.62 0.00	50.23 -6.21 0.00	49.61 -4.43 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.62 -2.93 0.00	41.74 -2.95 0.00	43.86 -2.95 0.00	45.59 -3.54 0.00	50.79 -3.65 0.00	56.09 -4.29 0.00	70.12 -4.16 0.00	62.88 -4.23 0.00	57.81 -4.35 0.00	53.32 -4.57 0.00	50.09 -4.30 0.00	46.44 -4.43 0.00	43.42 -3.02 0.00
OH_GEN_PROXY 24063	33.32 -1.72 0.00	31.81 -1.39 0.00	31.26 -1.40 0.00	31.34 -1.24 0.00	31.93 -1.23 0.00	36.71 -1.73 0.00	47.62 -3.22 -0.54	51.50 -4.40 0.54	50.25 -3.78 0.00	41.84 -3.00 0.00	43.18 -3.05 0.00	44.00 -2.56 0.00	42.10 -2.59 0.00	44.24 -2.57 0.00	46.37 -2.75 0.00	51.17 -3.26 0.00	57.17 -3.20 0.00	70.79 -3.49 0.00	63.62 -3.49 0.00	58.43 -3.73 0.00	54.25 -3.65 0.00	50.52 -3.86 0.00	47.05 -3.82 0.00	43.70 -2.74 0.00
OLIN_CORP_DRP 24177	33.01 -2.03 0.00	31.47 -1.73 0.00	30.90 -1.76 0.00	30.98 -1.60 0.00	31.60 -1.56 0.00	36.40 -2.04 0.00	46.64 -3.67 0.00	50.23 -6.21 0.00	49.55 -4.49 0.00	41.43 -3.41 0.00	42.72 -3.51 0.00	43.58 -2.98 0.00	41.70 -2.99 0.00	43.81 -3.00 0.00	45.49 -3.64 0.00	50.73 -3.70 0.00	56.09 -4.29 0.00	70.12 -4.16 0.00	62.88 -4.23 0.00	57.81 -4.35 0.00	53.32 -4.57 0.00	50.03 -4.35 0.00	46.39 -4.48 0.00	43.33 -3.11 0.00
OLIN_CORP_DSASP 323712	33.22 -1.82 0.00	31.77 -1.43 0.00	31.26 -1.40 0.00	31.31 -1.27 0.00	31.90 -1.26 0.00	36.60 -1.84 0.00	46.68 -3.62 0.00	51.53 -4.91 0.00	49.82 -4.21 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.67 -2.89 0.00	41.74 -2.95 0.00	43.91 -2.90 0.00	46.03 -3.09 0.00	50.79 -3.65 0.00	56.69 -3.68 0.00	70.19 -4.09 0.00	63.08 -4.02 0.00	57.87 -4.29 0.00	53.78 -4.11 0.00	50.08 -4.30 0.00	46.69 -4.17 0.00	43.42 -3.02 0.00
ONEIDA_HERK_LFGE 323681	35.74 0.70 0.00	33.86 0.66 0.00	33.28 0.62 0.00	33.26 0.69 0.00	33.89 0.73 0.00	39.48 1.04 0.00	51.47 1.16 0.00	57.91 1.47 0.00	55.44 1.40 0.00	45.78 0.94 0.00	47.16 0.92 0.00	47.72 1.16 0.00	45.76 1.07 0.00	47.98 1.17 0.00	50.40 1.28 0.00	56.29 1.85 0.00	62.91 2.54 0.00	77.47 3.19 0.00	69.86 2.75 0.00	64.71 2.55 0.00	60.21 2.32 0.00	56.34 1.95 0.00	52.29 1.42 0.00	47.74 1.30 0.00
ONEIDA___115KV_TB4 55905	35.81 0.77 0.00	34.00 0.80 0.00	33.38 0.72 0.00	33.36 0.78 0.00	34.02 0.86 0.00	39.48 1.04 0.00	51.87 1.56 0.00	58.30 1.86 0.00	55.82 1.78 0.00	46.14 1.30 0.00	47.48 1.25 0.00	47.91 1.35 0.00	45.94 1.25 0.00	48.07 1.26 0.00	50.45 1.33 0.00	56.40 1.96 0.00	62.97 2.60 0.00	77.62 3.34 0.00	69.93 2.82 0.00	64.71 2.55 0.00	60.15 2.26 0.00	56.28 1.90 0.00	52.24 1.37 0.00	47.79 1.35 0.00
ONONDAGA_REF_OCCRA 23987	34.62 -0.42 0.00	32.84 -0.37 0.00	32.31 -0.36 0.00	32.22 -0.36 0.00	32.83 -0.33 0.00	38.06 -0.38 0.00	49.91 -0.40 0.00	55.99 -0.45 0.00	53.71 -0.32 0.00	44.53 -0.31 0.00	45.91 -0.32 0.00	46.28 -0.28 0.00	44.38 -0.31 0.00	46.39 -0.42 0.00	48.63 -0.49 0.00	54.11 -0.33 0.00	60.31 -0.06 0.00	74.50 0.22 0.00	67.18 0.07 0.00	62.10 -0.06 0.00	57.72 -0.17 0.00	53.95 -0.44 0.00	50.15 -0.71 0.00	45.98 -0.46 0.00
ONONDAGA___COGEN 23986	34.44 -0.60 0.00	32.70 -0.50 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.70 -0.60 0.00	55.76 -0.68 0.00	53.50 -0.54 0.00	44.35 -0.49 0.00	45.72 -0.51 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.44 -0.69 0.00	53.89 -0.54 0.00	60.01 -0.36 0.00	74.13 -0.15 0.00	66.84 -0.27 0.00	61.85 -0.31 0.00	57.49 -0.41 0.00	53.73 -0.65 0.00	50.00 -0.86 0.00	45.79 -0.65 0.00
ONTARIO___LFGE 23819	34.83 -0.21 0.00	33.07 -0.13 0.00	32.53 -0.13 0.00	32.51 -0.07 0.00	33.16 0.00 0.00	38.40 -0.04 0.00	50.11 -0.20 0.00	56.16 -0.28 0.00	53.98 -0.05 0.00	44.97 0.13 0.00	46.37 0.14 0.00	46.88 0.33 0.00	44.83 0.13 0.00	47.00 0.19 0.00	49.17 0.05 0.00	54.55 0.11 0.00	61.22 0.84 0.00	75.91 1.63 0.00	68.32 1.21 0.00	63.03 0.87 0.00	58.53 0.64 0.00	54.27 -0.11 0.00	50.41 -0.46 0.00	46.53 0.09 0.00
ORANGEVILLE_WT_PWR 323706	33.95 -1.09 0.00	32.34 -0.86 0.00	31.85 -0.82 0.00	31.89 -0.69 0.00	32.53 -0.63 0.00	37.48 -0.96 0.00	48.45 -1.86 0.00	53.85 -2.60 0.00	52.04 -2.00 0.00	43.32 -1.52 0.00	44.75 -1.48 0.00	45.58 -0.98 0.00	43.62 -1.07 0.00	45.87 -0.94 0.00	48.14 -0.98 0.00	53.24 -1.20 0.00	59.65 -0.72 0.00	73.91 -0.37 0.00	66.44 -0.67 0.00	61.10 -1.06 0.00	56.74 -1.16 0.00	52.70 -1.69 0.00	49.08 -1.78 0.00	45.46 -0.98 0.00
ORANGEVILLE___ESR 323794	33.95 -1.09 0.00	32.34 -0.86 0.00	31.85 -0.82 0.00	31.89 -0.69 0.00	32.53 -0.63 0.00	37.48 -0.96 0.00	48.45 -1.86 0.00	53.85 -2.60 0.00	52.04 -2.00 0.00	43.32 -1.52 0.00	44.75 -1.48 0.00	45.58 -0.98 0.00	43.62 -1.07 0.00	45.87 -0.94 0.00	48.14 -0.98 0.00	53.24 -1.20 0.00	59.65 -0.72 0.00	73.91 -0.37 0.00	66.44 -0.67 0.00	61.10 -1.06 0.00	56.74 -1.16 0.00	52.70 -1.69 0.00	49.08 -1.78 0.00	45.46 -0.98 0.00
OSWEGATCHIE___HYD 24044	36.97 1.93 0.00	34.99 1.79 0.00	34.30 1.63 0.00	34.27 1.69 0.00	34.95 1.79 0.00	40.86 2.42 0.00	50.91 0.61 0.00	57.12 0.68 0.00	55.17 1.14 0.00	45.33 0.49 0.00	46.65 0.42 0.00	47.35 0.79 0.00	45.50 0.81 0.00	47.75 0.94 0.00	50.35 1.23 0.00	56.39 1.96 0.00	62.85 2.48 0.00	77.62 3.35 0.00	69.86 2.75 0.00	64.89 2.73 0.00	60.27 2.37 0.00	56.77 2.39 0.00	52.59 1.73 0.00	47.93 1.49 0.00
OSWEGO___5 23606	33.95 -1.09 0.00	32.24 -0.96 0.00	31.72 -0.95 0.00	31.67 -0.91 0.00	32.20 -0.96 0.00	37.29 -1.15 0.00	48.85 -1.46 0.00	54.86 -1.58 0.00	52.47 -1.57 0.00	43.54 -1.30 0.00	44.89 -1.34 0.00	45.25 -1.30 0.00	43.40 -1.30 0.00	45.45 -1.36 0.00	47.70 -1.43 0.00	52.91 -1.52 0.00	58.92 -1.45 0.00	72.64 -1.63 0.00	65.57 -1.54 0.00	60.67 -1.49 0.00	56.45 -1.45 0.00	52.75 -1.63 0.00	49.23 -1.63 0.00	45.00 -1.44 0.00

OSWEGO___6 23613	33.95 -1.09 0.00	32.24 -0.96 0.00	31.72 -0.95 0.00	31.67 -0.91 0.00	32.20 -0.96 0.00	37.29 -1.15 0.00	48.85 -1.46 0.00	54.86 -1.58 0.00	52.47 -1.57 0.00	43.54 -1.30 0.00	44.89 -1.34 0.00	45.25 -1.30 0.00	43.40 -1.30 0.00	45.45 -1.36 0.00	47.70 -1.43 0.00	52.91 -1.52 0.00	58.92 -1.45 0.00	72.64 -1.63 0.00	65.57 -1.54 0.00	60.67 -1.49 0.00	56.45 -1.45 0.00	52.75 -1.63 0.00	49.23 -1.63 0.00	45.00 -1.44 0.00
OUTOKUMPU-AB___DRP 24206	33.99 -1.05 0.00	32.44 -0.76 0.00	31.85 -0.82 0.00	31.89 -0.68 0.00	32.56 -0.60 0.00	37.52 -0.92 0.00	48.04 -2.26 0.00	51.87 -4.57 0.00	51.23 -2.81 0.00	42.82 -2.02 0.00	44.20 -2.03 0.00	45.07 -1.49 0.00	43.13 -1.56 0.00	45.31 -1.50 0.00	47.11 -2.01 0.00	52.53 -1.91 0.00	58.08 -2.29 0.00	72.79 -1.49 0.00	65.23 -1.88 0.00	59.92 -2.24 0.00	55.29 -2.61 0.00	51.83 -2.56 0.00	47.96 -2.90 0.00	44.72 -1.72 0.00
OXBOW___BTM 323836	33.67 -1.37 0.00	32.17 -1.03 0.00	31.69 -0.98 0.00	31.73 -0.85 0.00	32.33 -0.83 0.00	37.13 -1.31 0.00	47.44 -2.87 0.00	52.44 -4.01 0.00	50.74 -3.30 0.00	42.24 -2.60 0.00	43.60 -2.63 0.00	44.51 -2.05 0.00	42.55 -2.14 0.00	44.75 -2.06 0.00	46.91 -2.21 0.00	51.77 -2.67 0.00	57.84 -2.53 0.00	71.68 -2.60 0.00	64.42 -2.69 0.00	59.11 -3.04 0.00	54.88 -3.01 0.00	51.06 -3.32 0.00	47.56 -3.31 0.00	44.17 -2.27 0.00
OXBOW____ 24026	33.64 -1.40 0.00	32.14 -1.06 0.00	31.55 -1.11 0.00	31.60 -0.98 0.00	32.23 -0.93 0.00	37.13 -1.31 0.00	47.44 -2.87 0.00	51.19 -5.25 0.00	50.52 -3.51 0.00	42.24 -2.60 0.00	43.60 -2.64 0.00	44.46 -2.10 0.00	42.55 -2.15 0.00	44.70 -2.11 0.00	46.47 -2.65 0.00	51.77 -2.67 0.00	57.23 -3.14 0.00	71.60 -2.67 0.00	64.22 -2.89 0.00	58.99 -3.17 0.00	54.42 -3.47 0.00	51.06 -3.32 0.00	47.30 -3.56 0.00	44.16 -2.28 0.00
OXY_CHEM_DSASP 323612	33.18 -1.86 0.00	31.71 -1.49 0.00	31.13 -1.54 0.00	31.21 -1.37 0.00	31.83 -1.33 0.00	36.63 -1.81 0.00	46.69 -3.62 0.00	50.23 -6.21 0.00	49.61 -4.43 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.62 -2.93 0.00	41.74 -2.95 0.00	43.86 -2.95 0.00	45.59 -3.54 0.00	50.79 -3.65 0.00	56.09 -4.29 0.00	70.12 -4.16 0.00	62.88 -4.23 0.00	57.81 -4.35 0.00	53.32 -4.57 0.00	50.09 -4.30 0.00	46.44 -4.43 0.00	43.42 -3.02 0.00
OZONE_PARK_ESR 323760	37.11 2.07 0.00	35.06 1.86 0.00	34.43 1.76 0.00	34.27 1.69 0.00	34.98 1.82 0.00	40.67 2.23 0.00	53.43 3.12 0.00	61.47 5.02 0.00	57.55 3.51 0.00	47.84 3.00 0.00	48.96 2.73 0.00	49.21 2.65 0.00	47.33 2.64 0.00	49.48 2.67 0.00	51.87 2.75 0.00	57.65 3.21 0.00	64.54 4.17 0.00	79.33 5.05 0.00	71.87 4.76 0.00	66.26 4.10 0.00	61.89 3.99 0.00	57.64 3.26 0.00	53.56 2.70 0.00	48.53 2.09 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	33.18 -1.86 0.00	31.71 -1.49 0.00	31.13 -1.54 0.00	31.21 -1.37 0.00	31.83 -1.33 0.00	36.63 -1.81 0.00	46.69 -3.62 0.00	50.23 -6.21 0.00	49.61 -4.43 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.62 -2.93 0.00	41.74 -2.95 0.00	43.86 -2.95 0.00	45.59 -3.54 0.00	50.79 -3.65 0.00	56.09 -4.29 0.00	70.12 -4.16 0.00	62.88 -4.23 0.00	57.81 -4.35 0.00	53.32 -4.57 0.00	50.09 -4.30 0.00	46.44 -4.43 0.00	43.42 -3.02 0.00
PACKARD___I15KV_DUPONT_I84 80571	33.18 -1.86 0.00	31.71 -1.49 0.00	31.13 -1.54 0.00	31.21 -1.37 0.00	31.83 -1.33 0.00	36.63 -1.81 0.00	46.69 -3.62 0.00	50.23 -6.21 0.00	49.61 -4.43 0.00	41.48 -3.36 0.00	42.81 -3.42 0.00	43.62 -2.93 0.00	41.74 -2.95 0.00	43.86 -2.95 0.00	45.59 -3.54 0.00	50.79 -3.65 0.00	56.09 -4.29 0.00	70.12 -4.16 0.00	62.88 -4.23 0.00	57.81 -4.35 0.00	53.32 -4.57 0.00	50.09 -4.30 0.00	46.44 -4.43 0.00	43.42 -3.02 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	37.11 2.07 0.00	35.13 1.93 -0.01	34.50 1.83 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.79 2.34 0.00	53.48 3.17 0.00	61.30 4.85 -0.01	56.90 2.86 0.00	47.31 2.47 0.00	48.45 2.22 0.00	48.70 2.14 0.00	46.79 2.10 0.00	48.92 2.11 0.00	51.24 2.11 0.00	56.83 2.40 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.14 2.98 0.00	60.96 3.07 0.00	56.88 2.50 0.00	53.15 2.29 0.00	48.20 1.76 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	37.46 2.42 0.00	35.47 2.26 -0.01	34.83 2.16 -0.01	34.74 2.15 -0.01	35.45 2.29 -0.01	41.13 2.69 0.00	53.98 3.67 0.00	61.87 5.42 -0.01	57.44 3.40 0.00	47.71 2.87 0.00	48.82 2.59 0.00	49.07 2.51 0.00	47.15 2.46 0.00	49.29 2.48 0.00	51.63 2.51 0.00	57.27 2.83 0.00	64.12 3.74 0.00	78.73 4.46 0.00	71.34 4.23 0.00	65.70 3.54 0.00	61.42 3.53 0.00	57.37 2.99 0.00	53.61 2.75 0.00	48.58 2.14 0.00
PATROON___I15KV_TB1 80586	35.71 0.67 0.00	33.80 0.60 0.00	33.25 0.59 0.00	33.17 0.59 0.00	33.76 0.60 0.00	39.25 0.81 0.00	51.36 1.06 0.00	58.36 1.92 0.00	55.17 1.13 0.00	45.60 0.76 0.00	47.16 0.92 0.00	47.35 0.79 0.00	45.45 0.76 0.00	47.65 0.84 0.00	50.06 0.93 0.00	55.74 1.31 0.00	62.12 1.75 0.00	76.21 1.93 0.00	68.92 1.81 0.00	63.84 1.68 0.00	59.51 1.62 0.00	55.63 1.25 0.00	51.83 0.97 0.00	47.18 0.74 0.00
PATTRSNVILLE___SOLAR 323815	36.19 1.15 0.00	34.29 1.09 0.00	33.74 1.08 0.00	33.65 1.07 0.00	34.29 1.13 0.00	39.82 1.38 0.00	52.27 1.96 0.00	58.92 2.48 0.00	55.88 1.84 0.00	46.05 1.21 0.00	47.48 1.25 0.00	47.63 1.07 0.00	45.72 1.03 0.00	47.98 1.17 0.00	50.40 1.28 0.00	56.23 1.79 0.00	62.97 2.59 0.00	77.40 3.12 0.00	69.93 2.82 0.00	64.83 2.67 0.00	60.38 2.49 0.00	56.34 1.95 0.00	52.64 1.78 0.00	47.97 1.53 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	34.41 -0.63 0.00	32.77 -0.43 0.00	32.24 -0.42 0.00	32.29 -0.29 0.00	32.96 -0.20 0.00	38.02 -0.42 0.00	48.95 -1.36 0.00	53.11 -3.33 0.00	52.20 -1.84 0.00	43.58 -1.26 0.00	44.98 -1.25 0.00	45.86 -0.70 0.00	43.93 -0.76 0.00	46.11 -0.70 0.00	48.04 -1.08 0.00	53.57 -0.87 0.00	59.41 -0.97 0.00	74.35 0.07 0.00	66.64 -0.47 0.00	61.29 -0.87 0.00	56.56 -1.33 0.00	52.91 -1.47 0.00	48.93 -1.93 0.00	45.70 -0.74 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.11 2.07 0.00	35.13 1.93 0.00	34.49 1.83 0.00	34.34 1.76 0.00	35.02 1.86 0.00	40.71 2.27 0.00	53.63 3.32 0.00	61.47 5.02 0.00	57.55 3.51 0.00	47.75 2.91 0.00	48.91 2.68 0.00	49.12 2.56 0.00	47.11 2.41 0.00	49.24 2.43 0.00	51.68 2.55 0.00	57.70 3.27 0.00	64.66 4.29 0.00	79.48 5.20 0.00	72.01 4.90 0.00	66.76 4.60 0.00	62.52 4.63 0.00	57.86 3.48 0.00	53.81 2.95 0.00	48.72 2.28 0.00
PEEKSKILL____ 23653	36.55 1.51 0.00	34.56 1.36 0.00	33.91 1.24 0.00	33.79 1.21 0.00	34.49 1.33 0.00	39.98 1.54 0.00	52.47 2.16 0.00	59.66 3.22 0.00	56.09 2.05 0.00	46.81 1.97 0.00	48.08 1.85 0.00	48.23 1.67 0.00	46.35 1.65 0.00	48.49 1.68 0.00	50.74 1.62 0.00	56.34 1.90 0.00	63.15 2.78 0.00	77.70 3.42 0.00	70.33 3.22 0.00	65.02 2.86 0.00	60.73 2.84 0.00	56.28 1.90 0.00	52.59 1.73 0.00	47.83 1.39 0.00

PGE MADISON___WINDPWR 24146	37.42 2.38 0.00	35.43 2.22 0.00	34.72 2.06 0.00	34.83 2.25 0.00	35.44 2.29 0.00	41.52 3.08 0.00	54.99 4.68 0.00	66.38 9.94 0.00	63.49 9.45 0.00	51.70 6.86 0.00	52.79 6.56 0.00	53.77 7.22 0.00	51.62 6.93 0.00	54.07 7.26 0.00	56.88 7.76 0.00	65.16 10.73 0.00	74.92 14.55 0.00	84.68 10.40 0.00	76.17 9.06 0.00	70.55 8.39 0.00	65.48 7.58 0.00	60.80 6.41 0.00	56.00 5.14 0.00	51.41 4.97 0.00
PIERCEFIELD___HYD 23852	38.86 3.82 0.00	36.75 3.55 0.00	36.00 3.33 0.00	35.97 3.39 0.00	36.67 3.51 0.00	39.13 0.69 0.00	51.77 1.46 0.00	57.97 1.52 0.00	56.09 2.05 0.00	46.27 1.43 0.00	47.62 1.39 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.68 1.87 0.00	51.48 2.36 0.00	57.21 2.78 0.00	63.81 3.44 0.00	78.96 4.68 0.00	71.07 3.96 0.00	66.01 3.85 0.00	61.31 3.42 0.00	57.81 3.43 0.00	53.87 3.00 0.00	49.13 2.69 0.00
PINELAWN_CC_1 323563	36.83 1.79 0.00	34.70 1.50 0.00	34.00 1.34 0.00	33.88 1.30 0.00	34.75 1.59 0.00	40.59 2.15 0.00	52.57 2.27 0.00	59.94 3.50 0.00	55.71 1.68 0.00	46.86 2.02 0.00	47.94 1.71 0.00	48.00 1.44 0.00	46.53 1.83 0.00	48.92 2.11 0.00	51.53 2.41 0.00	57.10 2.67 0.00	64.60 4.22 0.00	78.97 4.68 -0.01	71.48 4.36 -0.01	65.95 3.79 0.00	61.95 4.05 -0.01	56.99 2.61 0.00	53.10 2.24 0.00	49.13 2.69 0.00
PJM_GEN_HTP_PROXY 323702	36.83 1.79 0.00	34.79 1.59 0.00	34.10 1.44 0.00	33.98 1.40 0.00	34.72 1.56 0.00	40.25 1.81 0.00	53.41 2.56 -0.54	59.74 3.84 0.54	56.63 2.59 0.00	47.35 2.51 0.00	48.59 2.36 0.00	48.75 2.19 0.00	46.88 2.19 0.00	49.06 2.25 0.00	51.28 2.16 0.00	56.83 2.39 0.00	63.69 3.32 0.00	78.29 4.01 0.00	70.93 3.82 0.00	65.45 3.29 0.00	61.08 3.18 0.00	56.72 2.34 0.00	53.00 2.14 0.00	48.16 1.72 0.00
PJM_GEN_KEystone 24065	35.04 0.00 0.00	33.16 0.03 0.07	32.46 0.00 0.20	32.53 0.03 0.08	33.29 0.13 0.00	36.93 0.00 1.51	45.48 -0.25 4.57	50.57 -0.22 5.65	48.33 -0.59 5.11	43.92 -0.31 0.61	43.12 -0.42 2.69	41.30 -0.28 4.98	40.61 -0.31 3.77	42.11 -0.33 4.37	44.68 -0.44 4.00	48.89 -0.44 5.11	52.45 0.18 8.10	67.00 0.37 7.65	60.31 0.27 7.07	56.49 0.00 5.67	49.87 0.00 8.02	44.48 -0.60 9.30	42.20 -0.71 7.96	38.51 -0.37 7.56
PJM_GEN_NEPTUNE_PROXY 323594	36.48 1.44 0.00	34.39 1.19 0.00	33.71 1.04 0.00	33.62 1.04 0.00	34.42 1.26 0.00	40.17 1.73 0.00	52.96 2.11 -0.54	59.23 3.33 0.54	55.66 1.62 0.00	46.81 1.97 0.00	47.94 1.71 0.00	48.00 1.44 0.00	46.48 1.79 0.00	48.78 1.97 0.00	51.28 2.16 0.00	56.83 2.39 0.00	64.18 3.81 0.00	78.74 4.46 -0.01	71.21 4.09 -0.01	65.82 3.67 0.00	61.49 3.59 -0.01	56.77 2.39 0.00	52.85 1.98 0.00	48.53 2.09 0.00
PJM_GEN_VFT_PROXY 323633	36.55 1.51 0.00	34.56 1.36 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.45 1.29 0.00	39.98 1.54 0.00	53.06 2.21 -0.54	59.35 3.44 0.54	56.25 2.22 0.00	47.04 2.20 0.00	48.26 2.03 0.00	48.42 1.86 0.00	46.57 1.88 0.00	48.68 1.87 0.00	50.89 1.77 0.00	56.39 1.96 0.00	63.15 2.78 0.00	77.62 3.35 0.00	70.33 3.22 0.00	64.89 2.73 0.00	60.56 2.66 0.00	56.28 1.90 0.00	52.64 1.78 0.00	47.79 1.35 0.00
PLATSBURG_115KV_PMLD1 355749	35.85 0.81 0.00	33.76 0.56 0.00	33.12 0.46 0.00	32.84 0.26 0.00	33.49 0.33 0.00	38.71 0.27 0.00	50.76 0.45 0.00	55.76 -0.68 0.00	54.25 0.22 0.00	45.56 0.72 0.00	47.06 0.83 0.00	47.58 1.02 0.00	45.72 1.03 0.00	47.89 1.08 0.00	50.60 1.47 0.00	55.09 0.65 0.00	60.61 0.24 0.00	74.95 0.67 0.00	67.85 0.74 0.00	63.09 0.93 0.00	58.65 0.75 0.00	55.58 1.20 0.00	53.00 2.14 0.00	48.34 1.90 0.00
PLEASANTVLY___LBMP 24000	36.51 1.47 0.00	34.53 1.33 0.00	33.94 1.27 0.00	33.82 1.24 0.00	34.48 1.33 0.00	40.02 1.58 0.00	52.47 2.16 0.00	60.05 3.61 0.00	56.31 2.27 0.00	46.72 1.88 0.00	47.99 1.76 0.00	48.23 1.68 0.00	46.35 1.65 0.00	48.50 1.69 0.00	50.84 1.72 0.00	56.56 2.12 0.00	63.33 2.96 0.00	77.77 3.49 0.00	70.40 3.29 0.00	65.08 2.92 0.00	60.79 2.89 0.00	56.56 2.18 0.00	52.70 1.83 0.00	47.83 1.39 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.72 1.68 0.00	34.73 1.53 0.00	34.10 1.44 0.00	33.98 1.40 0.00	34.65 1.49 0.00	40.25 1.81 0.00	52.82 2.52 0.00	60.56 4.12 0.00	56.74 2.70 0.00	47.13 2.29 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.66 1.97 0.00	48.82 2.01 0.00	51.19 2.06 0.00	56.94 2.50 0.00	63.75 3.38 0.00	78.29 4.01 0.00	70.93 3.83 0.00	65.51 3.36 0.00	61.25 3.36 0.00	56.94 2.56 0.00	52.95 2.09 0.00	48.11 1.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.72 1.68 0.00	34.73 1.53 0.00	34.10 1.44 0.00	33.98 1.40 0.00	34.65 1.49 0.00	40.25 1.81 0.00	52.82 2.52 0.00	60.56 4.12 0.00	56.74 2.70 0.00	47.13 2.29 0.00	48.31 2.08 0.00	48.56 2.00 0.00	46.66 1.97 0.00	48.82 2.01 0.00	51.19 2.06 0.00	56.94 2.50 0.00	63.75 3.38 0.00	78.29 4.01 0.00	70.93 3.83 0.00	65.51 3.36 0.00	61.25 3.36 0.00	56.94 2.56 0.00	52.95 2.09 0.00	48.11 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.97 1.93 0.00	34.99 1.79 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.92 1.76 0.00	40.56 2.11 0.00	53.18 2.87 0.00	60.73 4.29 0.00	56.90 2.86 0.00	47.26 2.42 0.00	48.45 2.22 0.00	48.65 2.10 0.00	46.61 1.92 0.00	48.82 2.01 0.00	51.14 2.01 0.00	57.16 2.72 0.00	64.18 3.80 0.00	78.66 4.38 0.00	71.27 4.16 0.00	66.07 3.92 0.00	61.89 3.99 0.00	57.26 2.88 0.00	53.36 2.49 0.00	48.53 2.09 0.00
POLETTI___ 23519	36.76 1.72 0.00	34.79 1.59 0.00	34.13 1.47 0.00	34.01 1.43 0.00	34.68 1.53 0.00	40.32 1.88 0.00	52.92 2.62 0.00	60.90 4.46 0.00	56.96 2.92 0.00	47.40 2.56 0.00	44.30 2.22 4.15	44.35 2.14 4.35	43.52 2.10 3.27	43.49 2.15 5.48	44.44 2.16 6.84	44.63 2.56 12.37	49.29 3.44 14.52	64.83 4.09 13.54	57.53 3.89 13.48	51.97 3.29 13.49	47.64 3.30 13.55	44.69 2.56 12.25	46.35 2.09 6.60	42.30 1.58 5.72
POMONA___ESR 323819	36.51 1.47 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.45 1.29 0.00	39.86 1.42 0.00	52.27 1.96 0.00	59.38 2.93 0.00	55.77 1.73 0.00	46.54 1.70 0.00	47.80 1.57 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.21 1.40 0.00	50.40 1.28 0.00	56.02 1.58 0.00	62.79 2.42 0.00	77.25 2.97 0.00	69.99 2.88 0.00	64.65 2.49 0.00	60.38 2.49 0.00	56.01 1.63 0.00	52.29 1.42 0.00	47.65 1.21 0.00
PORT_JEFF_3 23555	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.55 2.11 0.00	53.02 2.71 0.00	60.56 4.12 0.00	56.14 2.11 0.00	47.13 2.29 0.00	48.03 1.80 0.00	48.14 1.58 0.00	46.66 1.96 0.00	49.34 2.53 0.00	52.22 3.10 0.00	58.08 3.65 0.00	65.62 5.25 0.00	79.86 5.57 -0.01	72.36 5.24 -0.01	66.82 4.66 0.00	62.82 4.92 -0.01	57.59 3.21 0.00	53.56 2.69 0.00	49.13 2.69 0.00

PORT_JEFF_4 23616	36.65 1.61 0.00	34.53 1.33 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.68 1.53 0.00	40.55 2.11 0.00	53.02 2.71 0.00	60.56 4.12 0.00	56.14 2.11 0.00	47.13 2.29 0.00	48.03 1.80 0.00	48.14 1.58 0.00	46.66 1.96 0.00	49.34 2.53 0.00	52.22 3.10 0.00	58.08 3.65 0.00	65.62 5.25 0.00	79.86 5.57 -0.01	72.36 5.24 -0.01	66.82 4.66 0.00	62.82 4.92 -0.01	57.59 3.21 0.00	53.56 2.69 0.00	49.13 2.69 0.00
PORT_JEFF_IC 23713	36.69 1.65 0.00	34.53 1.33 0.00	34.23 1.57 0.00	34.18 1.60 0.00	34.78 1.62 0.00	40.63 2.19 0.00	52.77 2.47 0.00	62.14 5.70 0.00	56.68 2.65 0.00	47.49 2.65 0.00	47.90 1.66 0.00	48.19 1.63 0.00	46.79 2.10 0.00	49.20 2.39 0.00	52.07 2.95 0.00	58.03 3.59 0.00	64.48 4.11 0.00	79.86 5.57 -0.01	72.35 5.23 -0.01	66.45 4.29 0.00	63.00 5.09 -0.01	58.03 3.64 0.00	53.66 2.80 0.00	49.18 2.74 0.00
PPL_PILGRIM_ST_GT1 24216	36.93 1.89 0.00	34.79 1.59 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.88 1.72 0.00	40.79 2.35 0.00	53.33 3.02 0.00	60.90 4.46 0.00	56.52 2.49 0.00	47.48 2.64 0.00	48.50 2.26 0.00	48.60 2.05 0.00	47.10 2.41 0.00	49.67 2.86 0.00	52.41 3.29 0.00	58.25 3.81 0.00	65.92 5.55 0.00	80.75 6.46 -0.01	73.16 6.04 -0.01	67.44 5.28 0.00	63.17 5.27 -0.01	58.03 3.64 0.00	53.97 3.10 0.00	49.50 3.06 0.00
PPL_PILGRIM_ST_GT2 24217	36.93 1.89 0.00	34.79 1.59 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.88 1.72 0.00	40.79 2.35 0.00	53.33 3.02 0.00	60.90 4.46 0.00	56.52 2.49 0.00	47.48 2.64 0.00	48.50 2.26 0.00	48.60 2.05 0.00	47.10 2.41 0.00	49.67 2.86 0.00	52.41 3.29 0.00	58.25 3.81 0.00	65.92 5.55 0.00	80.75 6.46 -0.01	73.16 6.04 -0.01	67.44 5.28 0.00	63.17 5.27 -0.01	58.03 3.64 0.00	53.97 3.10 0.00	49.50 3.06 0.00
PPL_SHRM_GT3 24213	36.09 1.05 0.00	33.96 0.76 0.00	33.38 0.72 0.00	33.26 0.69 0.00	34.39 1.23 0.00	40.25 1.81 0.00	52.72 2.41 0.00	60.22 3.78 0.00	55.39 1.35 0.00	46.41 1.57 0.00	46.93 0.69 0.00	47.02 0.47 0.00	45.63 0.94 0.00	48.87 2.06 0.00	52.12 3.00 0.00	58.36 3.92 0.00	65.44 5.07 0.00	79.48 5.20 -0.01	72.08 4.97 -0.01	66.39 4.23 0.00	62.36 4.46 -0.01	56.77 2.39 0.00	52.80 1.93 0.00	48.39 1.95 0.00
PPL_SHRM_GT4 24214	36.09 1.05 0.00	33.96 0.76 0.00	33.38 0.72 0.00	33.26 0.69 0.00	34.39 1.23 0.00	40.25 1.81 0.00	52.72 2.41 0.00	60.22 3.78 0.00	55.39 1.35 0.00	46.41 1.57 0.00	46.93 0.69 0.00	47.02 0.47 0.00	45.63 0.94 0.00	48.87 2.06 0.00	52.12 3.00 0.00	58.36 3.92 0.00	65.44 5.07 0.00	79.48 5.20 -0.01	72.08 4.97 -0.01	66.39 4.23 0.00	62.36 4.46 -0.01	56.77 2.39 0.00	52.80 1.93 0.00	48.39 1.95 0.00
PROJECT___ORANGE 1 24174	34.44 -0.60 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.65 -0.65 0.00	55.71 -0.73 0.00	53.44 -0.59 0.00	44.35 -0.49 0.00	45.68 -0.55 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.39 -0.74 0.00	53.84 -0.60 0.00	59.95 -0.42 0.00	73.98 -0.30 0.00	66.71 -0.40 0.00	61.72 -0.44 0.00	57.37 -0.52 0.00	53.57 -0.82 0.00	49.85 -1.02 0.00	45.74 -0.70 0.00
PROJECT___ORANGE 2 24166	34.44 -0.60 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.65 -0.65 0.00	55.71 -0.73 0.00	53.44 -0.59 0.00	44.35 -0.49 0.00	45.68 -0.55 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.39 -0.74 0.00	53.84 -0.60 0.00	59.95 -0.42 0.00	73.98 -0.30 0.00	66.71 -0.40 0.00	61.72 -0.44 0.00	57.37 -0.52 0.00	53.57 -0.82 0.00	49.85 -1.02 0.00	45.74 -0.70 0.00
PUCKETT___SOLAR 323809	35.74 0.70 0.00	33.90 0.70 0.00	33.32 0.65 0.00	33.29 0.72 0.00	33.92 0.76 0.00	39.36 0.92 0.00	51.77 1.46 0.00	58.70 2.26 0.00	56.14 2.11 0.00	46.37 1.53 0.00	47.67 1.43 0.00	48.19 1.63 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.79 1.67 0.00	56.78 2.34 0.00	63.87 3.50 0.00	77.70 3.42 0.00	70.06 2.95 0.00	64.77 2.61 0.00	60.21 2.32 0.00	56.01 1.63 0.00	52.03 1.17 0.00	47.74 1.30 0.00
PYRITES___HYD 24023	39.70 4.66 0.00	37.55 4.35 0.00	36.75 4.08 0.00	36.78 4.20 0.00	37.54 4.38 0.00	40.25 1.81 0.00	53.33 3.02 0.00	59.72 3.27 0.00	57.82 3.78 0.00	47.49 2.65 0.00	48.77 2.54 0.00	49.49 2.93 0.00	47.64 2.95 0.00	49.99 3.18 0.00	52.91 3.78 0.00	59.06 4.63 0.00	66.05 5.68 0.00	81.85 7.58 0.00	73.55 6.44 0.00	68.31 6.15 0.00	63.45 5.56 0.00	59.71 5.33 0.00	55.39 4.53 0.00	50.57 4.13 0.00
QUAKERRD_115KV_BK1 80622	33.46 -1.58 0.00	31.84 -1.36 0.00	31.26 -1.40 0.00	31.28 -1.30 0.00	31.87 -1.29 0.00	36.87 -1.58 0.00	47.94 -2.36 0.00	53.11 -3.33 0.00	51.55 -2.49 0.00	42.91 -1.93 0.00	44.20 -2.03 0.00	44.74 -1.82 0.00	42.82 -1.88 0.00	44.98 -1.83 0.00	46.96 -2.16 0.00	52.31 -2.12 0.00	58.08 -2.29 0.00	72.27 -2.01 0.00	64.89 -2.21 0.00	59.92 -2.24 0.00	55.52 -2.37 0.00	51.83 -2.56 0.00	48.02 -2.85 0.00	44.26 -2.18 0.00
QUENSBRY_115KV_TB8 356137	36.55 1.51 0.00	34.56 1.36 0.00	34.00 1.34 0.00	33.91 1.34 0.00	34.62 1.46 0.00	40.02 1.58 0.00	52.42 2.11 0.00	59.77 3.33 0.00	56.31 2.27 0.00	46.14 1.30 0.00	47.80 1.57 0.00	47.86 1.30 0.00	45.90 1.21 0.00	48.17 1.36 0.00	50.84 1.72 0.00	56.94 2.50 0.00	63.57 3.20 0.00	77.99 3.71 0.00	70.60 3.49 0.00	65.39 3.23 0.00	60.90 3.01 0.00	57.26 2.88 0.00	53.10 2.24 0.00	48.48 2.04 0.00
RAMAPO___LBMP 323565	36.37 1.33 0.00	34.43 1.23 0.00	33.81 1.14 0.00	33.69 1.11 0.00	34.35 1.19 0.00	39.86 1.42 0.00	52.22 1.91 0.00	59.77 3.33 0.00	55.98 1.95 0.00	46.54 1.70 0.00	47.71 1.48 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.17 1.36 0.00	50.50 1.38 0.00	56.18 1.74 0.00	62.91 2.54 0.00	77.25 2.97 0.00	69.93 2.82 0.00	64.64 2.49 0.00	60.44 2.55 0.00	56.18 1.79 0.00	52.29 1.42 0.00	47.55 1.11 0.00
RANKINE____ 23646	34.13 -0.91 0.00	32.54 -0.66 0.00	31.98 -0.69 0.00	32.03 -0.55 0.00	32.69 -0.46 0.00	37.71 -0.73 0.00	48.45 -1.86 0.00	52.49 -3.95 0.00	51.77 -2.27 0.00	43.23 -1.61 0.00	44.61 -1.62 0.00	45.49 -1.07 0.00	43.53 -1.16 0.00	45.73 -1.08 0.00	47.60 -1.52 0.00	53.13 -1.31 0.00	58.74 -1.63 0.00	73.53 -0.74 0.00	65.97 -1.14 0.00	60.60 -1.55 0.00	55.93 -1.97 0.00	52.42 -1.96 0.00	48.47 -2.39 0.00	45.23 -1.21 0.00
RAVENSWOOD_GT2_1 24244	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00



RAVENSWOOD_GT2_2 24245	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT2_3 24246	36.86 1.82 0.00	34.86 1.66 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.78 1.62 0.00	40.40 1.96 0.00	53.07 2.77 0.00	61.01 4.57 0.00	57.06 3.03 0.00	47.44 2.60 0.00	48.59 2.36 0.00	48.84 2.28 0.00	46.93 2.23 0.00	49.10 2.29 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.99 3.62 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.10 2.72 0.00	53.15 2.29 0.00	48.16 1.72 0.00
RAVENSWOOD_GT2_4 24247	36.86 1.82 0.00	34.86 1.66 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.78 1.62 0.00	40.40 1.96 0.00	53.07 2.77 0.00	61.01 4.57 0.00	57.06 3.03 0.00	47.44 2.60 0.00	48.59 2.36 0.00	48.84 2.28 0.00	46.93 2.23 0.00	49.10 2.29 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.99 3.62 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.10 2.72 0.00	53.15 2.29 0.00	48.16 1.72 0.00
RAVENSWOOD_GT3_1 24248	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT3_2 24249	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT3_3 24250	36.86 1.82 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.78 1.62 0.00	40.44 2.00 0.00	53.07 2.77 0.00	61.07 4.63 0.00	57.12 3.08 0.00	47.49 2.65 0.00	48.64 2.40 0.00	48.88 2.33 0.00	46.97 2.28 0.00	49.15 2.34 0.00	51.48 2.36 0.00	57.21 2.78 0.00	64.06 3.68 0.00	78.66 4.38 0.00	71.27 4.16 0.00	65.70 3.54 0.00	61.42 3.53 0.00	57.16 2.77 0.00	53.20 2.34 0.00	48.20 1.76 0.00
RAVENSWOOD_GT3_4 24251	36.86 1.82 0.00	34.86 1.66 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.78 1.62 0.00	40.44 2.00 0.00	53.07 2.77 0.00	61.07 4.63 0.00	57.12 3.08 0.00	47.49 2.65 0.00	48.64 2.40 0.00	48.88 2.33 0.00	46.97 2.28 0.00	49.15 2.34 0.00	51.48 2.36 0.00	57.21 2.78 0.00	64.06 3.68 0.00	78.66 4.38 0.00	71.27 4.16 0.00	65.70 3.54 0.00	61.42 3.53 0.00	57.16 2.77 0.00	53.20 2.34 0.00	48.20 1.76 0.00
RAVENSWOOD_GT_1 23729	37.04 2.00 0.00	35.04 1.83 -0.01	34.40 1.73 -0.01	34.28 1.69 -0.01	34.96 1.79 -0.01	40.63 2.19 0.00	53.33 3.02 0.00	61.31 4.85 -0.01	57.23 3.19 0.00	47.62 2.78 0.00	48.73 2.50 0.00	48.98 2.42 0.00	47.11 2.41 0.00	49.25 2.43 0.00	51.58 2.46 0.00	57.21 2.78 0.00	64.06 3.68 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.16 2.77 0.00	53.26 2.39 0.00	48.30 1.86 0.00
RAVENSWOOD_GT_10 24258	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT_11 24259	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT_4 24252	36.79 1.75 0.00	34.79 1.59 0.01	34.16 1.50 0.01	34.04 1.47 0.01	34.71 1.56 0.01	40.36 1.92 0.00	52.97 2.67 0.00	60.90 4.46 0.01	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.88 2.19 0.00	49.06 2.25 0.00	51.38 2.26 0.00	57.16 2.72 0.00	63.94 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT_5 24254	36.79 1.75 0.00	34.79 1.59 0.01	34.16 1.50 0.01	34.04 1.47 0.01	34.71 1.56 0.01	40.36 1.92 0.00	52.97 2.67 0.00	60.90 4.46 0.01	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.88 2.19 0.00	49.06 2.25 0.00	51.38 2.26 0.00	57.16 2.72 0.00	63.94 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT_6 24253	36.79 1.75 0.00	34.79 1.59 0.01	34.16 1.50 0.01	34.04 1.47 0.01	34.71 1.56 0.01	40.36 1.92 0.00	52.97 2.67 0.00	60.90 4.46 0.01	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.88 2.19 0.00	49.06 2.25 0.00	51.38 2.26 0.00	57.16 2.72 0.00	63.94 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT_7 24255	36.79 1.75 0.00	34.79 1.59 0.01	34.16 1.50 0.01	34.04 1.47 0.01	34.71 1.56 0.01	40.36 1.92 0.00	52.97 2.67 0.00	60.90 4.46 0.01	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.88 2.19 0.00	49.06 2.25 0.00	51.38 2.26 0.00	57.16 2.72 0.00	63.94 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.37 3.47 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00

RAVENSWOOD_GT_9 24257	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.40 1.96 0.00	53.02 2.72 0.00	60.96 4.52 0.00	57.01 2.97 0.00	47.44 2.60 0.00	48.54 2.31 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.43 2.31 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.59 4.31 0.00	71.14 4.03 0.00	65.64 3.48 0.00	61.31 3.42 0.00	57.10 2.72 0.00	53.10 2.24 0.00	48.16 1.72 0.00
RAVENSWOOD___1 23533	37.00 1.96 0.00	35.00 1.79 -0.01	34.27 1.60 -0.01	34.15 1.56 -0.01	34.89 1.72 -0.01	40.40 1.96 0.00	52.97 2.66 0.00	60.52 4.07 -0.01	56.58 2.54 0.00	47.44 2.60 0.00	48.68 2.45 0.00	48.84 2.28 0.00	46.97 2.28 0.00	49.10 2.29 0.00	51.23 2.11 0.00	56.67 2.23 0.00	63.45 3.08 0.00	77.99 3.71 0.00	70.60 3.49 0.00	65.14 2.98 0.00	60.84 2.95 0.00	56.56 2.18 0.00	53.05 2.19 0.00	48.25 1.81 0.00
RAVENSWOOD___2 23534	36.97 1.93 0.00	34.97 1.76 -0.01	34.27 1.60 -0.01	34.15 1.56 -0.01	34.86 1.69 -0.01	40.40 1.96 0.00	52.97 2.66 0.00	60.52 4.07 -0.01	56.58 2.54 0.00	47.44 2.60 0.00	48.63 2.40 0.00	48.84 2.28 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.19 2.06 0.00	56.62 2.18 0.00	63.45 3.08 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.14 2.98 0.00	60.79 2.89 0.00	56.56 2.18 0.00	53.05 2.19 0.00	48.25 1.81 0.00
RAVENSWOOD___3 23535	36.83 1.79 0.00	34.83 1.63 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.72 1.56 0.00	40.25 1.81 0.00	52.87 2.56 0.00	60.28 3.84 0.00	56.58 2.54 0.00	47.35 2.51 0.00	48.54 2.31 0.00	48.75 2.19 0.00	46.84 2.15 0.00	49.01 2.20 0.00	51.19 2.06 0.00	56.78 2.34 0.00	63.57 3.20 0.00	78.21 3.93 0.00	70.80 3.69 0.00	65.33 3.17 0.00	61.02 3.12 0.00	56.67 2.28 0.00	53.00 2.14 0.00	48.16 1.72 0.00
RAVENSWOOD___4 23820	36.96 1.93 0.00	34.97 1.76 -0.01	34.24 1.57 -0.01	34.12 1.53 -0.01	34.86 1.69 -0.01	40.40 1.96 0.00	52.92 2.61 0.00	60.46 4.01 -0.01	56.52 2.49 0.00	47.39 2.55 0.00	48.63 2.40 0.00	48.79 2.23 0.00	46.93 2.23 0.00	49.06 2.25 0.00	51.18 2.06 0.00	56.61 2.18 0.00	63.45 3.08 0.00	77.92 3.64 0.00	70.60 3.49 0.00	65.08 2.92 0.00	60.79 2.89 0.00	56.50 2.12 0.00	53.05 2.19 0.00	48.20 1.76 0.00
RCPL_TRUST___DRP 24196	36.90 1.86 0.00	34.89 1.69 0.00	34.23 1.57 0.00	34.11 1.53 0.00	34.82 1.66 0.00	40.44 2.00 0.00	53.12 2.82 0.00	61.13 4.68 0.00	57.23 3.19 0.00	47.58 2.74 0.00	48.73 2.50 0.00	48.98 2.42 0.00	47.06 2.37 0.00	49.24 2.43 0.00	51.58 2.46 0.00	57.38 2.94 0.00	64.18 3.80 0.00	78.88 4.61 0.00	71.40 4.29 0.00	65.83 3.67 0.00	61.54 3.65 0.00	57.26 2.88 0.00	53.25 2.39 0.00	48.25 1.81 0.00
RED___ROCHESTER 323720	34.34 -0.70 0.00	32.67 -0.53 0.00	32.11 -0.56 0.00	32.15 -0.42 0.00	32.76 -0.40 0.00	37.82 -0.62 0.00	49.15 -1.16 0.00	54.97 -1.47 0.00	52.90 -1.14 0.00	43.99 -0.85 0.00	45.35 -0.88 0.00	46.00 -0.56 0.00	43.98 -0.72 0.00	46.25 -0.56 0.00	48.48 -0.64 0.00	53.67 -0.76 0.00	59.95 -0.42 0.00	74.43 0.15 0.00	66.91 -0.20 0.00	61.66 -0.50 0.00	57.26 -0.64 0.00	53.13 -1.25 0.00	49.34 -1.52 0.00	45.37 -1.07 0.00
REGAN___SOLAR 323812	37.39 2.35 0.00	35.36 2.16 0.00	34.79 2.12 0.00	34.73 2.15 0.00	35.41 2.26 0.00	41.33 2.88 0.00	54.43 4.13 0.00	61.41 4.97 0.00	57.98 3.94 0.00	47.44 2.60 0.00	48.91 2.68 0.00	48.88 2.33 0.00	46.88 2.19 0.00	49.29 2.48 0.00	51.92 2.80 0.00	58.25 3.81 0.00	65.44 5.07 0.00	80.59 6.31 0.00	72.81 5.70 0.00	67.63 5.47 0.00	62.93 5.03 0.00	58.57 4.19 0.00	54.58 3.71 0.00	49.74 3.30 0.00
RENSSELAER___COGEN 23796	35.57 0.53 0.00	33.70 0.50 0.00	33.19 0.52 0.00	33.10 0.52 0.00	33.62 0.46 0.00	39.05 0.61 0.00	51.21 0.91 0.00	57.85 1.41 0.00	54.85 0.81 0.00	45.42 0.58 0.00	46.93 0.69 0.00	47.12 0.56 0.00	45.27 0.58 0.00	47.42 0.61 0.00	49.76 0.64 0.00	55.30 0.87 0.00	61.76 1.39 0.00	75.84 1.56 0.00	68.58 1.47 0.00	63.52 1.37 0.00	59.23 1.33 0.00	55.25 0.87 0.00	51.58 0.71 0.00	47.00 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.39 2.35 0.00	35.36 2.16 0.00	34.76 2.09 0.00	34.70 2.12 0.00	35.45 2.29 0.00	41.21 2.77 0.00	54.03 3.72 0.00	61.86 5.42 0.00	58.20 4.16 0.00	47.49 2.65 0.00	49.19 2.96 0.00	49.21 2.65 0.00	47.11 2.41 0.00	49.52 2.71 0.00	52.41 3.29 0.00	58.95 4.52 0.00	65.87 5.49 0.00	80.74 6.46 0.00	73.01 5.91 0.00	67.69 5.53 0.00	63.05 5.15 0.00	59.11 4.73 0.00	54.58 3.71 0.00	49.83 3.39 0.00
REVERE_CPPR_DRP 24186	36.13 1.09 0.00	34.26 1.06 0.00	33.64 0.98 0.00	33.65 1.08 0.00	34.29 1.13 0.00	39.75 1.31 0.00	52.27 1.96 0.00	58.81 2.37 0.00	56.31 2.27 0.00	46.50 1.66 0.00	47.85 1.62 0.00	48.33 1.77 0.00	46.35 1.65 0.00	48.54 1.73 0.00	50.99 1.87 0.00	57.05 2.61 0.00	63.81 3.44 0.00	78.66 4.38 0.00	70.80 3.69 0.00	65.51 3.36 0.00	60.96 3.07 0.00	56.99 2.61 0.00	52.80 1.93 0.00	48.30 1.86 0.00
REYNOLDS_115KV_TB3 80639	35.95 0.91 0.00	34.03 0.83 0.00	33.51 0.85 0.00	33.43 0.85 0.00	34.02 0.86 0.00	39.52 1.08 0.00	51.72 1.41 0.00	58.70 2.26 0.00	55.39 1.35 0.00	45.83 0.99 0.00	47.43 1.20 0.00	47.63 1.07 0.00	45.72 1.03 0.00	47.93 1.12 0.00	50.30 1.18 0.00	56.01 1.58 0.00	62.49 2.11 0.00	76.65 2.38 0.00	69.32 2.21 0.00	64.21 2.05 0.00	59.86 1.97 0.00	55.96 1.58 0.00	52.19 1.32 0.00	47.46 1.02 0.00
RIVERBAY____ 323610	37.46 2.42 0.00	35.47 2.26 -0.01	34.83 2.16 -0.01	34.74 2.15 -0.01	35.45 2.29 -0.01	41.13 2.69 0.00	53.98 3.67 0.00	61.87 5.42 -0.01	57.44 3.40 0.00	47.71 2.87 0.00	48.82 2.59 0.00	49.07 2.51 0.00	47.15 2.46 0.00	49.29 2.48 0.00	51.63 2.51 0.00	57.27 2.83 0.00	64.12 3.74 0.00	78.73 4.46 0.00	71.34 4.23 0.00	65.70 3.54 0.00	61.42 3.53 0.00	57.37 2.99 0.00	53.61 2.75 0.00	48.58 2.14 0.00
RIVERSDE_115KV_TB3 55908	35.78 0.74 0.00	33.86 0.66 0.00	33.35 0.69 0.00	33.23 0.65 0.00	33.82 0.66 0.00	39.29 0.85 0.00	51.46 1.16 0.00	58.42 1.98 0.00	55.17 1.13 0.00	45.60 0.76 0.00	47.20 0.97 0.00	47.39 0.84 0.00	45.54 0.85 0.00	47.70 0.89 0.00	50.11 0.98 0.00	55.74 1.31 0.00	62.18 1.81 0.00	76.28 2.01 0.00	68.99 1.88 0.00	63.90 1.74 0.00	59.57 1.68 0.00	55.69 1.31 0.00	51.93 1.07 0.00	47.23 0.79 0.00
ROARING___BROOK_WT_PWR 323790	34.80 -0.24 0.00	32.90 -0.30 0.00	32.34 -0.33 0.00	32.19 -0.39 0.00	32.79 -0.36 0.00	38.09 -0.35 0.00	49.85 -0.45 0.00	55.88 -0.56 0.00	53.82 -0.22 0.00	44.71 -0.13 0.00	46.14 -0.09 0.00	46.56 0.00 0.00	44.74 0.04 0.00	46.86 0.05 0.00	49.27 0.15 0.00	54.55 0.11 0.00	60.19 -0.18 0.00	74.06 -0.22 0.00	66.91 -0.20 0.00	62.03 -0.12 0.00	57.78 -0.12 0.00	54.55 0.16 0.00	51.12 0.26 0.00	46.63 0.19 0.00

ROCHESRG_115KV_T4 355643	33.99 -1.05 0.00	32.34 -0.86 0.00	31.75 -0.91 0.00	31.80 -0.78 0.00	32.40 -0.76 0.00	37.44 -1.00 0.00	48.55 -1.76 0.00	53.51 -2.93 0.00	52.09 -1.95 0.00	43.41 -1.43 0.00	44.75 -1.48 0.00	45.35 -1.21 0.00	43.40 -1.30 0.00	45.59 -1.22 0.00	47.50 -1.62 0.00	52.91 -1.52 0.00	58.74 -1.63 0.00	73.16 -1.11 0.00	65.70 -1.41 0.00	60.60 -1.55 0.00	56.10 -1.79 0.00	52.42 -1.96 0.00	48.52 -2.34 0.00	44.86 -1.58 0.00
ROCHESTER_9_IC 23652	34.16 -0.88 0.00	32.50 -0.70 0.00	31.91 -0.75 0.00	31.96 -0.62 0.00	32.56 -0.60 0.00	37.63 -0.81 0.00	48.85 -1.46 0.00	53.90 -2.54 0.00	52.47 -1.57 0.00	43.72 -1.12 0.00	45.08 -1.16 0.00	45.67 -0.88 0.00	43.71 -0.98 0.00	45.92 -0.89 0.00	47.85 -1.28 0.00	53.35 -1.09 0.00	59.17 -1.21 0.00	73.83 -0.45 0.00	66.24 -0.87 0.00	61.10 -1.06 0.00	56.56 -1.33 0.00	52.80 -1.58 0.00	48.83 -2.03 0.00	45.14 -1.30 0.00
ROCKVIEW_13_KV_LD 356306	36.83 1.79 0.00	34.83 1.63 0.00	34.20 1.54 0.00	34.08 1.50 0.00	34.75 1.59 0.00	40.36 1.92 0.00	52.97 2.67 0.00	60.79 4.35 0.00	56.96 2.92 0.00	47.31 2.47 0.00	48.50 2.27 0.00	48.70 2.14 0.00	46.84 2.15 0.00	48.96 2.15 0.00	51.33 2.21 0.00	57.10 2.67 0.00	63.93 3.56 0.00	78.66 4.38 0.00	71.20 4.09 0.00	65.76 3.61 0.00	61.48 3.59 0.00	57.16 2.77 0.00	53.10 2.24 0.00	48.20 1.76 0.00
ROME____115KV_TB2 80656	36.13 1.09 0.00	34.26 1.06 0.00	33.64 0.98 0.00	33.65 1.08 0.00	34.29 1.13 0.00	39.75 1.31 0.00	52.27 1.96 0.00	58.81 2.37 0.00	56.31 2.27 0.00	46.50 1.66 0.00	47.85 1.62 0.00	48.33 1.77 0.00	46.35 1.65 0.00	48.54 1.73 0.00	50.99 1.87 0.00	57.05 2.61 0.00	63.81 3.44 0.00	78.66 4.38 0.00	70.80 3.69 0.00	65.51 3.36 0.00	60.96 3.07 0.00	56.99 2.61 0.00	52.80 1.93 0.00	48.30 1.86 0.00
ROSETON___1 23587	36.44 1.40 0.00	34.46 1.26 0.00	33.84 1.17 0.00	33.72 1.14 0.00	34.39 1.23 0.00	39.86 1.42 0.00	52.27 1.96 0.00	59.43 2.99 0.00	55.93 1.89 0.00	46.64 1.80 0.00	47.89 1.66 0.00	48.09 1.53 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.60 1.47 0.00	56.18 1.74 0.00	62.97 2.59 0.00	77.40 3.12 0.00	70.13 3.02 0.00	64.83 2.67 0.00	60.50 2.61 0.00	56.17 1.79 0.00	52.49 1.63 0.00	47.79 1.35 0.00
ROSETON___2 23588	36.44 1.40 0.00	34.46 1.26 0.00	33.84 1.17 0.00	33.72 1.14 0.00	34.39 1.23 0.00	39.86 1.42 0.00	52.27 1.96 0.00	59.43 2.99 0.00	55.93 1.89 0.00	46.64 1.80 0.00	47.89 1.66 0.00	48.09 1.53 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.60 1.47 0.00	56.18 1.74 0.00	62.97 2.59 0.00	77.40 3.12 0.00	70.13 3.02 0.00	64.83 2.67 0.00	60.50 2.61 0.00	56.17 1.79 0.00	52.49 1.63 0.00	47.79 1.35 0.00
ROTRRDAM_115KV_TB3 80664	35.92 0.88 0.00	34.00 0.80 0.00	33.48 0.82 0.00	33.39 0.81 0.00	33.99 0.83 0.00	39.44 1.00 0.00	51.67 1.36 0.00	58.47 2.03 0.00	55.39 1.35 0.00	45.78 0.94 0.00	47.25 1.02 0.00	47.49 0.93 0.00	45.59 0.89 0.00	47.79 0.98 0.00	50.20 1.08 0.00	55.85 1.42 0.00	62.30 1.93 0.00	76.51 2.23 0.00	69.19 2.08 0.00	64.08 1.93 0.00	59.75 1.85 0.00	55.90 1.52 0.00	52.14 1.27 0.00	47.51 1.07 0.00
RUSSELL___1 23602	34.30 -0.74 0.00	32.67 -0.53 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.83 -0.62 0.00	49.10 -1.21 0.00	54.18 -2.26 0.00	52.79 -1.24 0.00	43.99 -0.85 0.00	45.35 -0.88 0.00	45.95 -0.61 0.00	43.93 -0.76 0.00	46.20 -0.61 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.59 -0.78 0.00	74.43 0.15 0.00	66.77 -0.34 0.00	61.60 -0.56 0.00	56.97 -0.93 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.37 -1.07 0.00
RUSSELL___2 23532	34.30 -0.74 0.00	32.67 -0.53 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.83 -0.62 0.00	49.10 -1.21 0.00	54.18 -2.26 0.00	52.79 -1.24 0.00	43.99 -0.85 0.00	45.35 -0.88 0.00	45.95 -0.61 0.00	43.93 -0.76 0.00	46.20 -0.61 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.59 -0.78 0.00	74.43 0.15 0.00	66.77 -0.34 0.00	61.60 -0.56 0.00	56.97 -0.93 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.37 -1.07 0.00
RUSSELL___3 23549	34.30 -0.74 0.00	32.67 -0.53 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.83 -0.62 0.00	49.10 -1.21 0.00	54.18 -2.26 0.00	52.79 -1.24 0.00	43.99 -0.85 0.00	45.35 -0.88 0.00	45.95 -0.61 0.00	43.93 -0.76 0.00	46.20 -0.61 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.59 -0.78 0.00	74.43 0.15 0.00	66.77 -0.34 0.00	61.60 -0.56 0.00	56.97 -0.93 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.37 -1.07 0.00
RUSSELL___4 23556	34.30 -0.74 0.00	32.67 -0.53 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.83 -0.62 0.00	49.10 -1.21 0.00	54.18 -2.26 0.00	52.79 -1.24 0.00	43.99 -0.85 0.00	45.35 -0.88 0.00	45.95 -0.61 0.00	43.93 -0.76 0.00	46.20 -0.61 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.59 -0.78 0.00	74.43 0.15 0.00	66.77 -0.34 0.00	61.60 -0.56 0.00	56.97 -0.93 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.37 -1.07 0.00
RUSSELL___STATION 23914	34.30 -0.74 0.00	32.67 -0.53 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.83 -0.62 0.00	49.10 -1.21 0.00	54.18 -2.26 0.00	52.79 -1.24 0.00	43.99 -0.85 0.00	45.35 -0.88 0.00	45.95 -0.61 0.00	43.93 -0.76 0.00	46.20 -0.61 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.59 -0.78 0.00	74.43 0.15 0.00	66.77 -0.34 0.00	61.60 -0.56 0.00	56.97 -0.93 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.37 -1.07 0.00
S SALMON___HYD 24043	34.27 -0.77 0.00	32.54 -0.66 0.00	31.98 -0.69 0.00	31.96 -0.62 0.00	32.53 -0.63 0.00	37.79 -0.65 0.00	49.40 -0.90 0.00	55.60 -0.85 0.00	53.23 -0.81 0.00	43.99 -0.85 0.00	45.31 -0.92 0.00	45.72 -0.84 0.00	43.84 -0.85 0.00	45.97 -0.84 0.00	48.29 -0.84 0.00	53.79 -0.65 0.00	60.19 -0.18 0.00	74.28 0.00 0.00	66.91 -0.20 0.00	61.97 -0.19 0.00	57.61 -0.29 0.00	53.73 -0.65 0.00	49.90 -0.97 0.00	45.61 -0.83 0.00
S.PERRY__115KV_TB1 80734	35.32 0.28 0.00	33.60 0.40 0.00	32.96 0.29 0.00	33.00 0.42 0.00	33.66 0.50 0.00	38.98 0.54 0.00	50.91 0.60 0.00	56.27 -0.17 0.00	54.90 0.86 0.00	45.65 0.81 0.00	46.92 0.69 0.00	47.53 0.98 0.00	45.45 0.76 0.00	47.70 0.89 0.00	48.19 -0.93 0.00	54.00 -0.44 0.00	60.31 -0.06 0.00	75.61 1.34 0.00	67.91 0.81 0.00	62.66 0.50 0.00	57.95 0.06 0.00	53.78 -0.60 0.00	49.54 -1.32 0.00	47.42 0.98 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.78 -1.26 0.00	32.20 -1.00 0.00	31.62 -1.05 0.00	31.70 -0.88 0.00	32.33 -0.83 0.00	37.29 -1.15 0.00	47.79 -2.52 0.00	51.64 -4.80 0.00	50.96 -3.08 0.00	42.60 -2.24 0.00	43.92 -2.31 0.00	44.79 -1.77 0.00	42.86 -1.83 0.00	45.03 -1.78 0.00	46.81 -2.31 0.00	52.20 -2.23 0.00	57.78 -2.60 0.00	72.27 -2.01 0.00	64.76 -2.35 0.00	59.55 -2.61 0.00	54.94 -2.95 0.00	51.50 -2.88 0.00	47.71 -3.15 0.00	44.54 -1.90 0.00

SAWYER___23_KV_LOAD 55526	33.78 -1.26 0.00	32.20 -1.00 0.00	31.62 -1.05 0.00	31.70 -0.88 0.00	32.33 -0.83 0.00	37.29 -1.15 0.00	47.79 -2.52 0.00	51.64 -4.80 0.00	50.96 -3.08 0.00	42.60 -2.24 0.00	43.92 -2.31 0.00	44.79 -1.77 0.00	42.86 -1.83 0.00	45.03 -1.78 0.00	46.81 -2.31 0.00	52.20 -2.23 0.00	57.78 -2.60 0.00	72.27 -2.01 0.00	64.76 -2.35 0.00	59.55 -2.61 0.00	54.94 -2.95 0.00	51.50 -2.88 0.00	47.71 -3.15 0.00	44.54 -1.90 0.00
SELKIRK___I 23801	35.81 0.77 0.00	33.93 0.73 0.00	33.42 0.75 0.00	33.33 0.75 0.00	33.89 0.73 0.00	39.33 0.88 0.00	51.51 1.21 0.00	58.08 1.64 0.00	55.06 1.02 0.00	45.56 0.72 0.00	47.06 0.83 0.00	47.26 0.70 0.00	45.41 0.71 0.00	47.61 0.80 0.00	50.01 0.89 0.00	55.58 1.14 0.00	62.00 1.63 0.00	76.21 1.93 0.00	68.85 1.74 0.00	63.90 1.74 0.00	59.51 1.62 0.00	55.63 1.25 0.00	51.98 1.12 0.00	47.42 0.98 0.00
SELKIRK___II 23799	35.67 0.63 0.00	33.80 0.60 0.00	33.28 0.62 0.00	33.20 0.62 0.00	33.76 0.60 0.00	39.17 0.73 0.00	51.31 1.01 0.00	57.97 1.52 0.00	54.95 0.92 0.00	45.51 0.67 0.00	47.02 0.79 0.00	47.21 0.65 0.00	45.36 0.67 0.00	47.51 0.70 0.00	49.86 0.74 0.00	55.42 0.98 0.00	61.82 1.45 0.00	75.99 1.71 0.00	68.65 1.54 0.00	63.65 1.49 0.00	59.34 1.45 0.00	55.36 0.98 0.00	51.73 0.86 0.00	47.14 0.70 0.00
SENECA OSWGO___HYD 24041	33.99 -1.05 0.00	32.27 -0.93 0.00	31.75 -0.91 0.00	31.67 -0.91 0.00	32.26 -0.89 0.00	37.36 -1.08 0.00	49.00 -1.31 0.00	55.09 -1.36 0.00	52.74 -1.30 0.00	43.72 -1.12 0.00	45.03 -1.20 0.00	45.39 -1.16 0.00	43.53 -1.16 0.00	45.55 -1.26 0.00	47.80 -1.32 0.00	53.08 -1.36 0.00	59.29 -1.08 0.00	73.09 -1.19 0.00	65.90 -1.21 0.00	60.97 -1.18 0.00	56.74 -1.16 0.00	52.92 -1.47 0.00	49.34 -1.52 0.00	45.09 -1.35 0.00
SENECA___115KV_TB3 355854	34.20 -0.84 0.00	32.60 -0.60 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.76 -0.40 0.00	37.79 -0.65 0.00	48.55 -1.76 0.00	52.60 -3.84 0.00	51.82 -2.22 0.00	43.32 -1.52 0.00	44.71 -1.53 0.00	45.63 -0.93 0.00	43.67 -1.03 0.00	45.87 -0.94 0.00	47.70 -1.42 0.00	53.24 -1.20 0.00	58.86 -1.51 0.00	73.76 -0.52 0.00	66.10 -1.01 0.00	60.73 -1.43 0.00	56.04 -1.85 0.00	52.53 -1.85 0.00	48.58 -2.29 0.00	45.33 -1.11 0.00
SENECA___ENERGY 23797	34.41 -0.63 0.00	32.67 -0.53 0.00	32.11 -0.56 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.55 -0.75 0.00	55.60 -0.85 0.00	53.33 -0.70 0.00	44.35 -0.49 0.00	45.68 -0.55 0.00	46.09 -0.47 0.00	44.11 -0.58 0.00	46.25 -0.56 0.00	48.44 -0.69 0.00	53.79 -0.65 0.00	60.19 -0.18 0.00	74.58 0.30 0.00	67.18 0.07 0.00	62.03 -0.12 0.00	57.61 -0.29 0.00	53.51 -0.87 0.00	49.79 -1.07 0.00	45.79 -0.65 0.00
SHOEMAKER___GT 23640	36.30 1.26 0.00	34.36 1.16 0.00	33.71 1.04 0.00	33.62 1.04 0.00	34.25 1.09 0.00	39.71 1.27 0.00	52.02 1.71 0.00	58.98 2.54 0.00	55.61 1.57 0.00	46.32 1.48 0.00	47.57 1.34 0.00	47.76 1.21 0.00	45.85 1.16 0.00	47.98 1.17 0.00	50.25 1.13 0.00	55.85 1.41 0.00	62.67 2.29 0.00	77.03 2.75 0.00	69.80 2.69 0.00	64.52 2.36 0.00	60.27 2.37 0.00	55.90 1.52 0.00	52.18 1.32 0.00	47.60 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	36.27 1.23 0.00	34.33 1.13 0.00	33.74 1.08 0.00	33.62 1.04 0.00	34.25 1.09 0.00	39.79 1.35 0.00	52.07 1.76 0.00	59.43 2.99 0.00	55.82 1.78 0.00	46.36 1.52 0.00	47.57 1.34 0.00	47.81 1.26 0.00	45.86 1.16 0.00	48.03 1.22 0.00	50.30 1.18 0.00	56.07 1.63 0.00	62.79 2.41 0.00	77.03 2.75 0.00	69.79 2.68 0.00	64.58 2.42 0.00	60.38 2.49 0.00	56.12 1.74 0.00	52.24 1.37 0.00	47.55 1.11 0.00
SHOREHAM_IC_1 23715	36.09 1.05 0.00	33.96 0.76 0.00	33.38 0.72 0.00	33.26 0.69 0.00	34.39 1.23 0.00	40.25 1.81 0.00	52.72 2.41 0.00	60.22 3.78 0.00	55.39 1.35 0.00	46.41 1.57 0.00	46.93 0.69 0.00	47.02 0.47 0.00	45.63 0.94 0.00	48.87 2.06 0.00	52.12 3.00 0.00	58.36 3.92 0.00	65.44 5.07 0.00	79.48 5.20 -0.01	72.08 4.97 -0.01	66.39 4.23 0.00	62.36 4.46 -0.01	56.77 2.39 0.00	52.80 1.93 0.00	48.39 1.95 0.00
SHOREHAM_IC_2 23716	36.09 1.05 0.00	33.96 0.76 0.00	33.38 0.72 0.00	33.26 0.69 0.00	34.39 1.23 0.00	40.25 1.81 0.00	52.72 2.41 0.00	60.22 3.78 0.00	55.39 1.35 0.00	46.41 1.57 0.00	46.93 0.69 0.00	47.02 0.47 0.00	45.63 0.94 0.00	48.87 2.06 0.00	52.12 3.00 0.00	58.36 3.92 0.00	65.44 5.07 0.00	79.48 5.20 -0.01	72.08 4.97 -0.01	66.39 4.23 0.00	62.36 4.46 -0.01	56.77 2.39 0.00	52.80 1.93 0.00	48.39 1.95 0.00
SISSONVILLE____ 23735	38.86 3.82 0.00	36.75 3.55 0.00	36.00 3.33 0.00	35.97 3.39 0.00	36.67 3.51 0.00	39.13 0.69 0.00	51.77 1.46 0.00	57.97 1.52 0.00	56.09 2.05 0.00	46.27 1.43 0.00	47.62 1.39 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.68 1.87 0.00	51.48 2.36 0.00	57.21 2.78 0.00	63.81 3.44 0.00	78.96 4.68 0.00	71.07 3.96 0.00	66.01 3.85 0.00	61.31 3.42 0.00	57.81 3.43 0.00	53.87 3.00 0.00	49.13 2.69 0.00
SITHE_IND_GS1 24169	33.67 -1.37 0.00	31.97 -1.23 0.00	31.49 -1.17 0.00	31.44 -1.14 0.00	31.97 -1.19 0.00	37.02 -1.42 0.00	48.45 -1.86 0.00	54.41 -2.03 0.00	52.04 -2.00 0.00	43.18 -1.66 0.00	44.52 -1.71 0.00	44.88 -1.67 0.00	43.04 -1.65 0.00	45.08 -1.73 0.00	47.31 -1.82 0.00	52.42 -2.01 0.00	58.44 -1.93 0.00	71.97 -2.30 0.00	64.96 -2.15 0.00	60.11 -2.05 0.00	55.98 -1.91 0.00	52.32 -2.07 0.00	48.83 -2.04 0.00	44.63 -1.81 0.00
SITHE_IND_GS2 24170	33.67 -1.37 0.00	31.97 -1.23 0.00	31.49 -1.17 0.00	31.44 -1.14 0.00	31.97 -1.19 0.00	37.02 -1.42 0.00	48.45 -1.86 0.00	54.41 -2.03 0.00	52.04 -2.00 0.00	43.18 -1.66 0.00	44.52 -1.71 0.00	44.88 -1.67 0.00	43.04 -1.65 0.00	45.08 -1.73 0.00	47.31 -1.82 0.00	52.42 -2.01 0.00	58.44 -1.93 0.00	71.97 -2.30 0.00	64.96 -2.15 0.00	60.11 -2.05 0.00	55.98 -1.91 0.00	52.32 -2.07 0.00	48.83 -2.04 0.00	44.63 -1.81 0.00
SITHE_IND_GS3 24171	33.67 -1.37 0.00	31.97 -1.23 0.00	31.49 -1.17 0.00	31.44 -1.14 0.00	31.97 -1.19 0.00	37.02 -1.42 0.00	48.45 -1.86 0.00	54.41 -2.03 0.00	52.04 -2.00 0.00	43.18 -1.66 0.00	44.52 -1.71 0.00	44.88 -1.67 0.00	43.04 -1.65 0.00	45.08 -1.73 0.00	47.31 -1.82 0.00	52.42 -2.01 0.00	58.44 -1.93 0.00	71.97 -2.30 0.00	64.96 -2.15 0.00	60.11 -2.05 0.00	55.98 -1.91 0.00	52.32 -2.07 0.00	48.83 -2.04 0.00	44.63 -1.81 0.00
SITHE_IND_GS4 24172	33.67 -1.37 0.00	31.97 -1.23 0.00	31.49 -1.17 0.00	31.44 -1.14 0.00	31.97 -1.19 0.00	37.02 -1.42 0.00	48.45 -1.86 0.00	54.41 -2.03 0.00	52.04 -2.00 0.00	43.18 -1.66 0.00	44.52 -1.71 0.00	44.88 -1.67 0.00	43.04 -1.65 0.00	45.08 -1.73 0.00	47.31 -1.82 0.00	52.42 -2.01 0.00	58.44 -1.93 0.00	71.97 -2.30 0.00	64.96 -2.15 0.00	60.11 -2.05 0.00	55.98 -1.91 0.00	52.32 -2.07 0.00	48.83 -2.04 0.00	44.63 -1.81 0.00

SITHE___BATAVIA 24024	34.62 -0.42 0.00	33.04 -0.17 0.00	32.47 -0.19 0.00	32.55 -0.03 0.00	33.19 0.03 0.00	38.21 -0.23 0.00	49.35 -0.96 0.00	54.92 -1.52 0.00	53.07 -0.97 0.00	44.17 -0.67 0.00	45.44 -0.79 0.00	46.23 -0.32 0.00	44.16 -0.53 0.00	46.53 -0.28 0.00	48.83 -0.29 0.00	54.00 -0.44 0.00	60.49 0.12 0.00	75.39 1.12 0.00	67.64 0.53 0.00	62.16 0.00 0.00	57.66 -0.23 0.00	53.40 -0.98 0.00	49.54 -1.32 0.00	45.74 -0.70 0.00
SITHE___INDEPEND 23800	33.67 -1.37 0.00	31.97 -1.23 0.00	31.46 -1.21 0.00	31.41 -1.17 0.00	31.96 -1.19 0.00	37.02 -1.42 0.00	48.45 -1.86 0.00	54.30 -2.14 0.00	52.04 -2.00 0.00	43.18 -1.66 0.00	44.52 -1.71 0.00	44.83 -1.72 0.00	43.04 -1.65 0.00	45.08 -1.73 0.00	47.26 -1.87 0.00	52.48 -1.96 0.00	58.38 -1.99 0.00	71.98 -2.30 0.00	64.89 -2.21 0.00	60.11 -2.05 0.00	55.87 -2.03 0.00	52.32 -2.07 0.00	48.78 -2.09 0.00	44.63 -1.81 0.00
SITHE___MASSENA 23902	35.49 0.45 0.00	33.60 0.40 0.00	33.02 0.36 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.86 0.42 0.00	50.66 0.35 0.00	56.39 -0.06 0.00	54.69 0.65 0.00	45.33 0.49 0.00	46.79 0.56 0.00	47.21 0.65 0.00	45.32 0.63 0.00	47.51 0.70 0.00	50.01 0.89 0.00	55.25 0.82 0.00	60.43 0.06 0.00	74.43 0.15 0.00	67.18 0.07 0.00	62.41 0.25 0.00	58.07 0.17 0.00	55.25 0.87 0.00	51.88 1.02 0.00	47.37 0.93 0.00
SITHE___OGDNSBRG 24021	39.98 4.94 0.00	37.82 4.61 0.00	37.01 4.34 0.00	37.04 4.46 0.00	37.80 4.64 0.00	40.59 2.15 0.00	53.78 3.47 0.00	60.22 3.78 0.00	58.25 4.21 0.00	47.80 2.96 0.00	49.05 2.82 0.00	49.72 3.17 0.00	47.87 3.17 0.00	50.18 3.37 0.00	53.15 4.03 0.00	59.44 5.01 0.00	66.71 6.34 0.00	82.67 8.39 0.00	74.29 7.18 0.00	69.00 6.84 0.00	64.09 6.19 0.00	60.31 5.93 0.00	55.85 4.98 0.00	50.94 4.50 0.00
SITHE___STERLING 23777	35.81 0.77 0.00	34.00 0.80 0.00	33.42 0.75 0.00	33.39 0.81 0.00	34.02 0.86 0.00	39.56 1.12 0.00	51.92 1.61 0.00	58.36 1.92 0.00	55.82 1.78 0.00	46.14 1.30 0.00	47.48 1.25 0.00	47.91 1.35 0.00	45.94 1.25 0.00	48.12 1.31 0.00	50.50 1.37 0.00	56.34 1.90 0.00	63.03 2.65 0.00	77.62 3.35 0.00	69.93 2.82 0.00	64.71 2.55 0.00	60.21 2.32 0.00	56.23 1.85 0.00	52.24 1.37 0.00	47.79 1.35 0.00
SLEIGHT__34_KV_TB1 80719	34.16 -0.88 0.00	32.47 -0.73 0.00	31.88 -0.78 0.00	31.89 -0.68 0.00	32.50 -0.66 0.00	37.63 -0.81 0.00	49.15 -1.16 0.00	54.64 -1.81 0.00	52.96 -1.08 0.00	44.03 -0.81 0.00	45.35 -0.88 0.00	45.86 -0.70 0.00	43.89 -0.80 0.00	46.01 -0.80 0.00	48.09 -1.03 0.00	53.62 -0.82 0.00	59.65 -0.72 0.00	74.20 -0.07 0.00	66.71 -0.40 0.00	61.60 -0.56 0.00	57.08 -0.81 0.00	53.19 -1.20 0.00	49.29 -1.58 0.00	45.33 -1.11 0.00
SOUTH CAIRO___GT 23612	37.21 2.17 0.00	35.33 2.12 0.00	34.69 2.03 0.00	34.57 1.99 0.00	35.21 2.06 0.00	41.02 2.58 0.00	53.68 3.37 0.00	60.56 4.12 0.00	57.06 3.03 0.00	46.95 2.11 0.00	48.31 2.08 0.00	48.37 1.82 0.00	46.12 1.43 0.00	48.40 1.59 0.00	50.84 1.72 0.00	57.43 2.99 0.00	64.66 4.29 0.00	78.96 4.68 0.00	71.61 4.50 0.00	66.82 4.66 0.00	62.64 4.75 0.00	57.81 3.43 0.00	53.97 3.10 0.00	49.37 2.93 0.00
SOUTH HAMPTN___IC 23720	36.30 1.26 0.00	34.16 0.96 0.00	33.55 0.88 0.00	33.46 0.88 0.00	34.52 1.36 0.00	40.40 1.96 0.00	52.97 2.66 0.00	60.56 4.12 0.00	55.71 1.68 0.00	46.68 1.84 0.00	47.20 0.97 0.00	47.40 0.84 0.00	46.08 1.39 0.00	49.20 2.39 0.00	52.47 3.34 0.00	58.68 4.25 0.00	65.92 5.55 0.00	80.23 5.94 -0.01	72.69 5.57 -0.01	67.01 4.85 0.00	63.05 5.15 -0.01	57.48 3.10 0.00	53.46 2.59 0.00	49.04 2.60 0.00
SOUTHDOW_115KV_TB1 355954	34.93 -0.11 0.00	33.30 0.10 0.00	32.83 0.16 0.00	32.87 0.29 0.00	33.66 0.50 0.00	38.90 0.46 0.00	50.26 -0.05 0.00	54.81 -1.64 0.00	54.20 0.16 0.00	45.33 0.49 0.00	46.79 0.55 0.00	47.91 1.35 0.00	45.81 1.12 0.00	48.12 1.31 0.00	50.15 1.03 0.00	55.91 1.47 0.00	61.88 1.51 0.00	77.69 3.42 0.00	69.59 2.48 0.00	63.90 1.74 0.00	58.88 0.98 0.00	55.03 0.65 0.00	50.81 -0.05 0.00	47.18 0.74 0.00
SOUTHOLD_69_KV_BK 2 55809	36.30 1.26 0.00	34.16 0.96 0.00	34.04 1.37 0.00	34.01 1.43 0.00	34.62 1.46 0.00	40.36 1.92 0.00	52.52 2.21 0.00	62.54 6.10 0.00	56.31 2.27 0.00	47.04 2.20 0.00	47.06 0.83 0.00	47.58 1.02 0.00	46.35 1.65 0.00	49.15 2.34 0.00	52.61 3.49 0.00	58.63 4.19 0.00	65.26 4.89 0.00	81.05 6.76 -0.01	73.43 6.31 -0.01	67.38 5.22 0.00	63.69 5.79 -0.01	58.51 4.13 0.00	54.12 3.26 0.00	49.64 3.20 0.00
SOUTHOLD___IC 23719	36.26 1.23 0.00	34.13 0.93 0.00	33.51 0.85 0.00	33.42 0.85 0.00	34.49 1.33 0.00	40.36 1.92 0.00	53.02 2.71 0.00	60.73 4.29 0.00	55.77 1.73 0.00	46.68 1.84 0.00	47.16 0.92 0.00	47.54 0.98 0.00	46.26 1.56 0.00	49.43 2.62 0.00	52.71 3.58 0.00	59.01 4.57 0.00	66.35 5.98 0.00	80.90 6.61 -0.01	73.22 6.11 -0.01	67.50 5.35 0.00	63.69 5.79 -0.01	58.13 3.75 0.00	54.07 3.21 0.00	49.64 3.20 0.00
SOUTH_FORK_WT_PWR 323839	35.92 0.88 0.00	33.76 0.56 0.00	33.16 0.49 0.00	33.10 0.52 0.00	34.15 0.99 0.00	39.94 1.50 0.00	52.47 2.16 0.00	60.11 3.67 0.00	55.17 1.14 0.00	46.23 1.39 0.00	46.65 0.42 0.00	47.12 0.56 0.00	45.90 1.21 0.00	49.10 2.29 0.00	52.41 3.29 0.00	58.57 4.14 0.00	65.81 5.44 0.00	80.23 5.94 -0.01	72.62 5.50 -0.01	66.94 4.79 0.00	63.29 5.38 -0.01	57.87 3.48 0.00	53.86 3.00 0.00	49.50 3.06 0.00
SPIERFLS_115KV_TB 1 80737	36.37 1.33 0.00	34.40 1.20 0.00	33.84 1.18 0.00	33.75 1.17 0.00	34.45 1.29 0.00	39.79 1.35 0.00	52.12 1.81 0.00	59.38 2.93 0.00	55.93 1.89 0.00	45.87 1.03 0.00	47.48 1.25 0.00	47.53 0.98 0.00	45.63 0.94 0.00	47.89 1.08 0.00	50.50 1.38 0.00	56.56 2.12 0.00	63.15 2.78 0.00	77.47 3.19 0.00	70.06 2.95 0.00	64.96 2.80 0.00	60.50 2.61 0.00	56.94 2.56 0.00	52.80 1.93 0.00	48.20 1.76 0.00
ST LAWRENCE____ 23600	35.15 0.11 0.00	33.27 0.07 0.00	32.70 0.03 0.00	32.55 -0.03 0.00	33.16 0.00 0.00	38.52 0.08 0.00	50.26 -0.05 0.00	55.88 -0.56 0.00	54.20 0.16 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.74 0.19 0.00	44.87 0.18 0.00	47.05 0.24 0.00	49.47 0.35 0.00	54.65 0.22 0.00	59.77 -0.60 0.00	73.53 -0.74 0.00	66.50 -0.61 0.00	61.66 -0.50 0.00	57.43 -0.47 0.00	54.65 0.27 0.00	51.32 0.46 0.00	46.86 0.42 0.00
STATE_CA_115KV_115_LB 55624	35.71 0.67 0.00	33.80 0.60 0.00	33.25 0.59 0.00	33.17 0.59 0.00	33.76 0.60 0.00	39.25 0.81 0.00	51.36 1.06 0.00	58.36 1.92 0.00	55.17 1.13 0.00	45.60 0.76 0.00	47.16 0.92 0.00	47.35 0.79 0.00	45.45 0.76 0.00	47.65 0.84 0.00	50.06 0.93 0.00	55.74 1.31 0.00	62.12 1.75 0.00	76.21 1.93 0.00	68.92 1.81 0.00	63.84 1.68 0.00	59.51 1.62 0.00	55.63 1.25 0.00	51.83 0.97 0.00	47.18 0.74 0.00

STATE_ST_34_KV_LOAD 55959	34.65 -0.39 0.00	32.87 -0.33 0.00	32.34 -0.33 0.00	32.29 -0.29 0.00	32.89 -0.27 0.00	38.17 -0.27 0.00	50.06 -0.25 0.00	56.05 -0.40 0.00	53.87 -0.16 0.00	44.66 -0.18 0.00	46.05 -0.18 0.00	46.37 -0.19 0.00	44.47 -0.22 0.00	46.48 -0.33 0.00	48.73 -0.39 0.00	54.27 -0.16 0.00	60.55 0.18 0.00	75.09 0.82 0.00	67.65 0.54 0.00	62.53 0.37 0.00	58.12 0.23 0.00	54.16 -0.22 0.00	50.36 -0.51 0.00	46.16 -0.28 0.00
STATION_5_MISC_HYD 23604	34.17 -0.87 0.00	32.54 -0.66 0.00	31.98 -0.69 0.00	32.03 -0.55 0.00	32.63 -0.53 0.00	37.63 -0.81 0.00	48.90 -1.41 0.00	54.63 -1.81 0.00	52.58 -1.46 0.00	43.72 -1.12 0.00	45.08 -1.15 0.00	45.72 -0.84 0.00	43.71 -0.98 0.00	45.97 -0.84 0.00	48.19 -0.93 0.00	53.29 -1.15 0.00	59.53 -0.85 0.00	73.83 -0.44 0.00	66.44 -0.67 0.00	61.16 -1.00 0.00	56.85 -1.04 0.00	52.80 -1.58 0.00	49.08 -1.78 0.00	45.14 -1.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.55 -0.49 0.00	32.84 -0.37 0.00	32.24 -0.42 0.00	32.29 -0.29 0.00	32.89 -0.27 0.00	38.10 -0.35 0.00	49.65 -0.65 0.00	55.14 -1.30 0.00	53.50 -0.54 0.00	44.53 -0.31 0.00	45.86 -0.37 0.00	46.32 -0.23 0.00	44.38 -0.31 0.00	46.53 -0.28 0.00	48.63 -0.49 0.00	54.22 -0.22 0.00	60.31 -0.06 0.00	75.17 0.89 0.00	67.51 0.40 0.00	62.34 0.19 0.00	57.78 -0.12 0.00	53.78 -0.60 0.00	49.75 -1.12 0.00	45.88 -0.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.99 -1.05 0.00	32.34 -0.86 0.00	31.75 -0.91 0.00	31.80 -0.78 0.00	32.40 -0.76 0.00	37.44 -1.00 0.00	48.65 -1.66 0.00	53.73 -2.71 0.00	52.31 -1.73 0.00	43.54 -1.30 0.00	44.89 -1.34 0.00	45.44 -1.12 0.00	43.49 -1.21 0.00	45.69 -1.12 0.00	47.65 -1.47 0.00	53.13 -1.31 0.00	58.92 -1.45 0.00	73.46 -0.82 0.00	65.97 -1.14 0.00	60.85 -1.31 0.00	56.33 -1.56 0.00	52.59 -1.79 0.00	48.68 -2.19 0.00	44.91 -1.53 0.00
STA_56___34_KV_BUS2 355983	33.99 -1.05 0.00	32.34 -0.86 0.00	31.75 -0.91 0.00	31.80 -0.78 0.00	32.40 -0.76 0.00	37.44 -1.00 0.00	48.65 -1.66 0.00	53.73 -2.71 0.00	52.31 -1.73 0.00	43.54 -1.30 0.00	44.89 -1.34 0.00	45.44 -1.12 0.00	43.49 -1.21 0.00	45.69 -1.12 0.00	47.65 -1.47 0.00	53.13 -1.31 0.00	58.92 -1.45 0.00	73.46 -0.82 0.00	65.97 -1.14 0.00	60.85 -1.31 0.00	56.33 -1.56 0.00	52.59 -1.79 0.00	48.68 -2.19 0.00	44.91 -1.53 0.00
STA_67___115KV_BK2 355882	34.09 -0.95 0.00	32.44 -0.76 0.00	31.85 -0.82 0.00	31.89 -0.68 0.00	32.50 -0.66 0.00	37.56 -0.88 0.00	48.75 -1.56 0.00	53.73 -2.71 0.00	52.36 -1.68 0.00	43.58 -1.26 0.00	44.94 -1.29 0.00	45.53 -1.02 0.00	43.58 -1.12 0.00	45.78 -1.03 0.00	47.70 -1.42 0.00	53.18 -1.25 0.00	58.98 -1.39 0.00	73.53 -0.74 0.00	66.04 -1.07 0.00	60.91 -1.24 0.00	56.39 -1.51 0.00	52.64 -1.74 0.00	48.73 -2.14 0.00	45.00 -1.44 0.00
STA_7___115KV_9TRANS 80674	34.30 -0.74 0.00	32.67 -0.53 0.00	32.04 -0.62 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.83 -0.62 0.00	49.10 -1.21 0.00	54.18 -2.26 0.00	52.79 -1.24 0.00	43.99 -0.85 0.00	45.35 -0.88 0.00	45.95 -0.61 0.00	43.93 -0.76 0.00	46.20 -0.61 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.59 -0.78 0.00	74.43 0.15 0.00	66.77 -0.34 0.00	61.60 -0.56 0.00	56.97 -0.93 0.00	53.13 -1.25 0.00	49.13 -1.73 0.00	45.37 -1.07 0.00
STA_82___115KV_TB1 80780	34.09 -0.95 0.00	32.47 -0.73 0.00	31.85 -0.82 0.00	31.89 -0.68 0.00	32.50 -0.66 0.00	37.60 -0.85 0.00	48.75 -1.56 0.00	53.79 -2.65 0.00	52.36 -1.68 0.00	43.63 -1.21 0.00	44.94 -1.29 0.00	45.53 -1.02 0.00	43.58 -1.12 0.00	45.83 -0.98 0.00	47.75 -1.38 0.00	53.18 -1.25 0.00	59.04 -1.33 0.00	73.61 -0.67 0.00	66.10 -1.01 0.00	60.98 -1.18 0.00	56.39 -1.51 0.00	52.64 -1.74 0.00	48.73 -2.14 0.00	45.05 -1.39 0.00
STEEL___WIND 323596	34.17 -0.87 0.00	32.57 -0.63 0.00	32.11 -0.56 0.00	32.15 -0.42 0.00	32.79 -0.36 0.00	37.71 -0.73 0.00	48.50 -1.81 0.00	53.62 -2.82 0.00	51.93 -2.11 0.00	43.27 -1.57 0.00	44.66 -1.57 0.00	45.58 -0.98 0.00	43.58 -1.12 0.00	45.82 -0.99 0.00	48.09 -1.03 0.00	53.13 -1.31 0.00	59.40 -0.97 0.00	73.68 -0.60 0.00	66.23 -0.87 0.00	60.73 -1.43 0.00	56.39 -1.51 0.00	52.43 -1.96 0.00	48.78 -2.09 0.00	45.28 -1.16 0.00
STEPHTWN_115KV_BK_2 55603	35.99 0.95 0.00	34.06 0.86 0.00	33.51 0.85 0.00	33.43 0.85 0.00	34.02 0.86 0.00	39.59 1.15 0.00	51.87 1.56 0.00	58.98 2.54 0.00	55.71 1.68 0.00	46.01 1.17 0.00	47.57 1.34 0.00	47.77 1.21 0.00	45.86 1.16 0.00	48.03 1.22 0.00	50.50 1.38 0.00	56.29 1.85 0.00	62.79 2.41 0.00	77.03 2.75 0.00	69.66 2.55 0.00	64.52 2.36 0.00	60.21 2.32 0.00	56.18 1.79 0.00	52.34 1.48 0.00	47.60 1.16 0.00
STEUBEN_REC_LFGE 323667	34.69 -0.35 0.00	32.87 -0.33 0.00	32.31 -0.36 0.00	32.32 -0.26 0.00	32.93 -0.23 0.00	38.21 -0.23 0.00	49.80 -0.50 0.00	55.14 -1.30 0.00	53.98 -0.05 0.00	45.11 0.27 0.00	46.65 0.42 0.00	47.35 0.79 0.00	45.36 0.67 0.00	47.51 0.70 0.00	49.66 0.54 0.00	55.63 1.20 0.00	62.12 1.75 0.00	77.69 3.42 0.00	69.73 2.62 0.00	64.27 2.11 0.00	59.40 1.51 0.00	55.31 0.92 0.00	51.07 0.20 0.00	47.51 1.07 0.00
STILLWATER___SOLAR 323814	36.69 1.65 0.00	34.73 1.53 0.00	34.17 1.50 0.00	34.08 1.50 0.00	34.72 1.56 0.00	40.29 1.85 0.00	52.97 2.66 0.00	59.83 3.39 0.00	56.58 2.54 0.00	46.59 1.75 0.00	48.17 1.94 0.00	48.33 1.77 0.00	46.39 1.70 0.00	48.63 1.82 0.00	51.19 2.06 0.00	57.16 2.72 0.00	63.87 3.50 0.00	78.51 4.23 0.00	70.93 3.82 0.00	65.76 3.60 0.00	61.25 3.36 0.00	57.21 2.83 0.00	53.31 2.44 0.00	48.62 2.18 0.00
STONY___BROOK 24151	36.72 1.68 0.00	34.56 1.36 0.00	33.91 1.24 0.00	33.82 1.24 0.00	34.72 1.56 0.00	40.63 2.19 0.00	53.07 2.77 0.00	60.68 4.24 0.00	56.20 2.16 0.00	47.21 2.37 0.00	48.13 1.90 0.00	48.23 1.67 0.00	46.79 2.10 0.00	49.43 2.62 0.00	52.27 3.15 0.00	58.19 3.75 0.00	65.81 5.44 0.00	79.93 5.64 -0.01	72.42 5.30 -0.01	66.94 4.79 0.00	62.94 5.03 -0.01	57.70 3.32 0.00	53.66 2.80 0.00	49.23 2.79 0.00
STURGEON_POOL_HYD 23609	37.53 2.49 0.00	35.56 2.36 0.00	34.85 2.19 0.00	34.73 2.15 0.00	35.41 2.25 0.00	41.17 2.73 0.00	54.03 3.72 0.00	61.69 5.25 0.00	57.66 3.62 0.00	47.98 3.14 0.00	49.00 2.77 0.00	49.12 2.56 0.00	46.93 2.23 0.00	49.15 2.34 0.00	51.43 2.31 0.00	57.76 3.32 0.00	65.08 4.71 0.00	79.63 5.35 0.00	72.21 5.10 0.00	67.13 4.97 0.00	63.05 5.15 0.00	57.97 3.59 0.00	54.02 3.15 0.00	49.18 2.74 0.00
ST_LAW_115_BK7_LBMP 345037	35.15 0.11 0.00	33.27 0.07 0.00	32.70 0.03 0.00	32.55 -0.03 0.00	33.16 0.00 0.00	38.52 0.08 0.00	50.26 -0.05 0.00	55.88 -0.56 0.00	54.20 0.16 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.74 0.19 0.00	44.92 0.22 0.00	47.05 0.24 0.00	49.47 0.35 0.00	54.65 0.22 0.00	59.77 -0.60 0.00	73.61 -0.67 0.00	66.50 -0.61 0.00	61.73 -0.43 0.00	57.43 -0.47 0.00	54.65 0.27 0.00	51.37 0.51 0.00	46.86 0.42 0.00

ST_LAW_115_BK8_LBMP 345038	35.15 0.11 0.00	33.27 0.07 0.00	32.70 0.03 0.00	32.55 -0.03 0.00	33.16 0.00 0.00	38.52 0.08 0.00	50.26 -0.05 0.00	55.88 -0.56 0.00	54.20 0.16 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.74 0.19 0.00	44.92 0.22 0.00	47.05 0.24 0.00	49.47 0.35 0.00	54.65 0.22 0.00	59.77 -0.60 0.00	73.61 -0.67 0.00	66.50 -0.61 0.00	61.73 -0.43 0.00	57.43 -0.47 0.00	54.65 0.27 0.00	51.37 0.51 0.00	46.86 0.42 0.00
ST_LAW_230_BK5_LBMP 345035	35.15 0.11 0.00	33.27 0.07 0.00	32.70 0.03 0.00	32.55 -0.03 0.00	33.16 0.00 0.00	38.52 0.08 0.00	50.26 -0.05 0.00	55.88 -0.56 0.00	54.20 0.16 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.74 0.19 0.00	44.87 0.18 0.00	47.05 0.24 0.00	49.47 0.35 0.00	54.65 0.22 0.00	59.77 -0.60 0.00	73.53 -0.74 0.00	66.50 -0.61 0.00	61.66 -0.50 0.00	57.43 -0.47 0.00	54.65 0.27 0.00	51.32 0.46 0.00	46.86 0.42 0.00
ST_LAW_230_BK6_LBMP 345036	35.15 0.11 0.00	33.27 0.07 0.00	32.70 0.03 0.00	32.55 -0.03 0.00	33.16 0.00 0.00	38.52 0.08 0.00	50.26 -0.05 0.00	55.88 -0.56 0.00	54.20 0.16 0.00	44.93 0.09 0.00	46.37 0.14 0.00	46.74 0.19 0.00	44.87 0.18 0.00	47.05 0.24 0.00	49.47 0.35 0.00	54.65 0.22 0.00	59.77 -0.60 0.00	73.53 -0.74 0.00	66.50 -0.61 0.00	61.66 -0.50 0.00	57.43 -0.47 0.00	54.65 0.27 0.00	51.32 0.46 0.00	46.86 0.42 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.41 1.37 0.00	34.43 1.23 0.00	33.81 1.14 0.00	33.72 1.14 0.00	34.35 1.19 0.00	39.86 1.42 0.00	52.27 1.96 0.00	59.72 3.27 0.00	55.98 1.95 0.00	46.54 1.70 0.00	47.71 1.48 0.00	47.95 1.40 0.00	46.03 1.34 0.00	48.17 1.36 0.00	50.45 1.33 0.00	56.23 1.80 0.00	62.97 2.60 0.00	77.32 3.05 0.00	69.99 2.89 0.00	64.77 2.61 0.00	60.56 2.66 0.00	56.23 1.85 0.00	52.39 1.53 0.00	47.65 1.21 0.00
SWANROAD_115KV_TB1 355699	33.01 -2.03 0.00	31.51 -1.69 0.00	30.93 -1.73 0.00	30.98 -1.60 0.00	31.60 -1.56 0.00	36.44 -2.00 0.00	46.64 -3.67 0.00	50.23 -6.21 0.00	49.61 -4.43 0.00	41.48 -3.36 0.00	42.76 -3.47 0.00	43.62 -2.93 0.00	41.70 -2.99 0.00	43.86 -2.95 0.00	45.54 -3.59 0.00	50.79 -3.65 0.00	56.15 -4.23 0.00	70.27 -4.01 0.00	62.95 -4.16 0.00	57.87 -4.29 0.00	53.38 -4.52 0.00	50.09 -4.30 0.00	46.44 -4.43 0.00	43.37 -3.07 0.00
SYNERGY___BIOGAS 323694	34.62 -0.42 0.00	33.04 -0.17 0.00	32.47 -0.19 0.00	32.55 -0.03 0.00	33.19 0.03 0.00	38.21 -0.23 0.00	49.35 -0.96 0.00	54.92 -1.52 0.00	53.07 -0.97 0.00	44.17 -0.67 0.00	45.44 -0.79 0.00	46.23 -0.32 0.00	44.16 -0.53 0.00	46.53 -0.28 0.00	48.83 -0.29 0.00	54.00 -0.44 0.00	60.49 0.12 0.00	75.39 1.12 0.00	67.64 0.53 0.00	62.16 0.00 0.00	57.66 -0.23 0.00	53.40 -0.98 0.00	49.54 -1.32 0.00	45.74 -0.70 0.00
SYRACUSE___ENERGY_ST1 323597	34.44 -0.60 0.00	32.70 -0.50 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.70 -0.60 0.00	55.76 -0.68 0.00	53.50 -0.54 0.00	44.35 -0.49 0.00	45.72 -0.51 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.44 -0.69 0.00	53.89 -0.54 0.00	60.01 -0.36 0.00	74.13 -0.15 0.00	66.84 -0.27 0.00	61.85 -0.31 0.00	57.49 -0.41 0.00	53.73 -0.65 0.00	50.00 -0.86 0.00	45.79 -0.65 0.00
SYRACUSE___ENERGY_ST2 323598	34.44 -0.60 0.00	32.70 -0.50 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.70 -0.60 0.00	55.76 -0.68 0.00	53.50 -0.54 0.00	44.35 -0.49 0.00	45.72 -0.51 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.44 -0.69 0.00	53.89 -0.54 0.00	60.01 -0.36 0.00	74.13 -0.15 0.00	66.84 -0.27 0.00	61.85 -0.31 0.00	57.49 -0.41 0.00	53.73 -0.65 0.00	50.00 -0.86 0.00	45.79 -0.65 0.00
SYRACUSE___POWER 24017	34.58 -0.46 0.00	32.80 -0.40 0.00	32.27 -0.39 0.00	32.22 -0.36 0.00	32.79 -0.36 0.00	38.02 -0.42 0.00	49.85 -0.45 0.00	55.93 -0.51 0.00	53.66 -0.38 0.00	44.48 -0.36 0.00	45.86 -0.37 0.00	46.23 -0.33 0.00	44.34 -0.36 0.00	46.39 -0.42 0.00	48.58 -0.54 0.00	54.06 -0.38 0.00	60.25 -0.12 0.00	74.35 0.07 0.00	67.04 -0.07 0.00	62.03 -0.12 0.00	57.66 -0.23 0.00	53.84 -0.54 0.00	50.10 -0.76 0.00	45.93 -0.51 0.00
TALLMAN___138KV_BK151 55660	36.44 1.40 0.00	34.50 1.29 0.00	33.87 1.21 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.94 1.50 0.00	52.32 2.01 0.00	59.88 3.44 0.00	56.04 2.00 0.00	46.59 1.75 0.00	47.80 1.57 0.00	48.00 1.44 0.00	46.12 1.43 0.00	48.26 1.45 0.00	50.55 1.42 0.00	56.23 1.80 0.00	62.97 2.60 0.00	77.32 3.05 0.00	70.06 2.95 0.00	64.77 2.61 0.00	60.56 2.66 0.00	56.28 1.90 0.00	52.39 1.53 0.00	47.60 1.16 0.00
TEALLAVE_115KV_TB7 355573	34.41 -0.63 0.00	32.67 -0.53 0.00	32.11 -0.56 0.00	32.06 -0.52 0.00	32.66 -0.50 0.00	37.86 -0.58 0.00	49.60 -0.70 0.00	55.65 -0.79 0.00	53.39 -0.65 0.00	44.30 -0.54 0.00	45.63 -0.60 0.00	46.00 -0.56 0.00	44.11 -0.58 0.00	46.15 -0.66 0.00	48.34 -0.79 0.00	53.78 -0.65 0.00	59.89 -0.48 0.00	73.91 -0.37 0.00	66.64 -0.47 0.00	61.66 -0.50 0.00	57.31 -0.58 0.00	53.51 -0.87 0.00	49.85 -1.02 0.00	45.70 -0.74 0.00
TELGRAPH_34_KV_EAST 80808	34.09 -0.95 0.00	32.50 -0.70 0.00	31.91 -0.75 0.00	31.99 -0.59 0.00	32.63 -0.53 0.00	37.67 -0.77 0.00	48.45 -1.86 0.00	52.60 -3.84 0.00	51.82 -2.22 0.00	43.27 -1.57 0.00	44.57 -1.66 0.00	45.39 -1.16 0.00	43.40 -1.30 0.00	45.64 -1.17 0.00	47.45 -1.67 0.00	52.97 -1.47 0.00	58.68 -1.69 0.00	73.61 -0.67 0.00	65.90 -1.21 0.00	60.60 -1.55 0.00	55.93 -1.97 0.00	52.32 -2.07 0.00	48.32 -2.54 0.00	45.00 -1.44 0.00
TEMPLE___115KV_TB 2 55572	34.44 -0.60 0.00	32.67 -0.53 0.00	32.14 -0.52 0.00	32.09 -0.49 0.00	32.69 -0.46 0.00	37.90 -0.54 0.00	49.65 -0.65 0.00	55.71 -0.73 0.00	53.44 -0.59 0.00	44.35 -0.49 0.00	45.68 -0.55 0.00	46.04 -0.51 0.00	44.16 -0.54 0.00	46.20 -0.61 0.00	48.39 -0.74 0.00	53.84 -0.60 0.00	59.95 -0.42 0.00	73.98 -0.30 0.00	66.71 -0.40 0.00	61.72 -0.44 0.00	57.37 -0.52 0.00	53.57 -0.82 0.00	49.85 -1.02 0.00	45.74 -0.70 0.00
TIANA____69_KV_BK 1 55817	36.34 1.30 0.00	34.20 1.00 0.00	34.10 1.44 0.00	34.08 1.50 0.00	34.65 1.49 0.00	40.44 2.00 0.00	52.47 2.16 0.00	62.42 5.98 0.00	56.31 2.27 0.00	47.08 2.24 0.00	47.16 0.92 0.00	47.53 0.98 0.00	46.17 1.47 0.00	48.87 2.06 0.00	52.27 3.14 0.00	58.30 3.86 0.00	64.78 4.41 0.00	80.30 6.02 -0.01	72.82 5.70 -0.01	66.82 4.66 0.00	62.94 5.04 -0.01	57.75 3.37 0.00	53.41 2.54 0.00	48.95 2.51 0.00
TILDEN___115KV_TB1 80814	34.58 -0.46 0.00	32.80 -0.40 0.00	32.27 -0.39 0.00	32.22 -0.36 0.00	32.79 -0.36 0.00	38.02 -0.42 0.00	49.85 -0.45 0.00	55.93 -0.51 0.00	53.66 -0.38 0.00	44.48 -0.36 0.00	45.86 -0.37 0.00	46.23 -0.33 0.00	44.34 -0.36 0.00	46.39 -0.42 0.00	48.58 -0.54 0.00	54.06 -0.38 0.00	60.25 -0.12 0.00	74.35 0.07 0.00	67.04 -0.07 0.00	62.03 -0.12 0.00	57.66 -0.23 0.00	53.84 -0.54 0.00	50.10 -0.76 0.00	45.93 -0.51 0.00

TRIGEN___CC 323695	36.69 1.65 0.00	34.63 1.43 0.00	34.10 1.44 0.00	34.01 1.43 0.00	34.65 1.49 0.00	40.44 2.00 0.00	52.67 2.36 0.00	61.18 4.74 0.00	56.52 2.49 0.00	47.40 2.56 0.00	48.13 1.90 0.00	48.42 1.86 0.00	46.84 2.15 0.00	49.01 2.20 0.00	51.43 2.31 0.00	57.16 2.72 0.00	64.24 3.86 0.00	79.27 4.98 -0.02	71.76 4.63 -0.02	66.07 3.92 0.00	61.96 4.05 -0.02	57.37 2.99 0.00	53.25 2.39 0.00	48.67 2.23 0.00
TRINITY___115KV___4 BK 55933	35.64 0.60 0.00	33.73 0.53 0.00	33.22 0.56 0.00	33.13 0.55 0.00	33.69 0.53 0.00	39.17 0.73 0.00	51.26 0.96 0.00	58.19 1.75 0.00	55.01 0.97 0.00	45.47 0.63 0.00	47.02 0.79 0.00	47.21 0.65 0.00	45.36 0.67 0.00	47.51 0.70 0.00	49.91 0.79 0.00	55.58 1.14 0.00	61.94 1.57 0.00	75.99 1.71 0.00	68.72 1.61 0.00	63.65 1.49 0.00	59.40 1.51 0.00	55.47 1.09 0.00	51.73 0.86 0.00	47.09 0.65 0.00
UNION___PROCESSING_DRP 323587	34.09 -0.95 0.00	32.47 -0.73 0.00	31.88 -0.78 0.00	31.93 -0.65 0.00	32.53 -0.63 0.00	37.60 -0.85 0.00	48.80 -1.51 0.00	53.79 -2.65 0.00	52.36 -1.68 0.00	43.63 -1.21 0.00	44.98 -1.25 0.00	45.58 -0.98 0.00	43.62 -1.07 0.00	45.83 -0.98 0.00	47.75 -1.38 0.00	53.18 -1.25 0.00	59.04 -1.33 0.00	73.61 -0.67 0.00	66.10 -1.01 0.00	60.98 -1.18 0.00	56.45 -1.45 0.00	52.70 -1.69 0.00	48.78 -2.09 0.00	45.05 -1.39 0.00
UPPER HUDSON___HYD 24058	36.37 1.33 0.00	34.39 1.19 0.00	33.84 1.17 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.79 1.34 0.00	52.37 2.06 0.00	59.21 2.76 0.00	55.88 1.84 0.00	45.91 1.07 0.00	47.48 1.25 0.00	47.54 0.98 0.00	45.63 0.94 0.00	47.89 1.08 0.00	50.45 1.33 0.00	56.39 1.96 0.00	63.09 2.72 0.00	77.54 3.26 0.00	70.06 2.95 0.00	65.02 2.86 0.00	60.50 2.61 0.00	56.83 2.45 0.00	52.80 1.93 0.00	48.20 1.76 0.00
UPPER RAQUET___HYD 24056	38.86 3.82 0.00	36.75 3.55 0.00	36.03 3.37 0.00	35.97 3.39 0.00	36.67 3.51 0.00	42.94 4.50 0.00	51.97 1.66 0.00	58.08 1.64 0.00	56.41 2.37 0.00	46.27 1.43 0.00	47.62 1.39 0.00	48.28 1.72 0.00	46.39 1.70 0.00	48.73 1.92 0.00	51.48 2.36 0.00	57.65 3.21 0.00	63.93 3.56 0.00	79.04 4.76 0.00	71.14 4.03 0.00	66.14 3.98 0.00	61.37 3.47 0.00	58.19 3.81 0.00	53.97 3.10 0.00	49.13 2.69 0.00
VALLEY44_115KV_TB2 355964	34.51 -0.53 0.00	32.80 -0.40 0.00	32.27 -0.39 0.00	32.29 -0.29 0.00	32.99 -0.17 0.00	38.02 -0.42 0.00	49.15 -1.16 0.00	53.51 -2.93 0.00	52.36 -1.68 0.00	43.67 -1.17 0.00	45.03 -1.20 0.00	45.90 -0.65 0.00	43.98 -0.72 0.00	46.15 -0.66 0.00	48.14 -0.98 0.00	53.67 -0.76 0.00	59.71 -0.66 0.00	74.50 0.22 0.00	66.84 -0.27 0.00	61.47 -0.68 0.00	56.79 -1.10 0.00	53.13 -1.25 0.00	49.08 -1.78 0.00	45.93 -0.51 0.00
VALLEY___115KV_TB 1-4 80826	35.15 0.11 0.00	33.23 0.03 0.00	32.66 0.00 0.00	32.58 0.00 0.00	33.16 0.00 0.00	38.48 0.04 0.00	50.46 0.15 0.00	56.95 0.51 0.00	54.42 0.38 0.00	45.15 0.31 0.00	46.60 0.37 0.00	46.98 0.42 0.00	45.10 0.40 0.00	47.28 0.47 0.00	49.66 0.54 0.00	55.31 0.87 0.00	61.64 1.27 0.00	75.84 1.56 0.00	68.45 1.34 0.00	63.46 1.31 0.00	59.11 1.22 0.00	55.52 1.14 0.00	51.78 0.92 0.00	47.28 0.84 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.86 1.82 0.00	34.93 1.73 0.00	34.36 1.70 0.00	34.37 1.79 0.00	34.98 1.82 0.00	40.71 2.27 0.00	53.38 3.07 0.00	60.45 4.01 0.00	57.55 3.51 0.00	47.58 2.74 0.00	48.91 2.68 0.00	49.30 2.75 0.00	47.29 2.59 0.00	49.48 2.67 0.00	51.87 2.75 0.00	58.08 3.65 0.00	65.08 4.71 0.00	79.70 5.42 0.00	71.94 4.83 0.00	66.63 4.48 0.00	62.12 4.23 0.00	57.97 3.59 0.00	53.76 2.90 0.00	49.13 2.69 0.00
VISCHER___FERRY HYD 24020	36.37 1.33 0.00	34.43 1.23 0.00	33.87 1.21 0.00	33.79 1.21 0.00	34.42 1.26 0.00	39.94 1.50 0.00	52.42 2.11 0.00	59.21 2.76 0.00	56.04 2.00 0.00	46.32 1.48 0.00	47.94 1.71 0.00	48.09 1.53 0.00	46.21 1.52 0.00	48.45 1.64 0.00	50.84 1.72 0.00	56.56 2.12 0.00	63.21 2.84 0.00	77.70 3.42 0.00	70.20 3.09 0.00	65.08 2.92 0.00	60.62 2.72 0.00	56.56 2.18 0.00	52.80 1.93 0.00	48.06 1.62 0.00
V_A_10_SYNC_DSASP 323832	33.50 -1.54 0.00	31.94 -1.26 0.00	31.39 -1.27 0.00	31.47 -1.11 0.00	32.06 -1.09 0.00	36.90 -1.54 0.00	47.54 -2.77 0.00	52.77 -3.67 0.00	50.85 -3.19 0.00	42.33 -2.51 0.00	43.64 -2.59 0.00	44.42 -2.14 0.00	42.46 -2.23 0.00	44.66 -2.15 0.00	46.82 -2.31 0.00	51.72 -2.72 0.00	57.72 -2.66 0.00	71.46 -2.82 0.00	64.29 -2.82 0.00	59.05 -3.11 0.00	54.88 -3.01 0.00	51.06 -3.32 0.00	47.56 -3.31 0.00	43.98 -2.46 0.00
V_CMM_10_SYNC_DSASP 323787	35.35 0.31 0.00	33.46 0.26 0.00	32.89 0.23 0.00	32.74 0.16 0.00	33.36 0.20 0.00	38.71 0.27 0.00	50.51 0.20 0.00	56.16 -0.28 0.00	54.52 0.49 0.00	45.20 0.36 0.00	46.65 0.42 0.00	47.02 0.47 0.00	45.14 0.45 0.00	47.33 0.52 0.00	49.76 0.64 0.00	54.98 0.54 0.00	60.19 -0.18 0.00	74.06 -0.22 0.00	66.91 -0.20 0.00	62.10 -0.06 0.00	57.84 -0.06 0.00	55.04 0.65 0.00	51.68 0.81 0.00	47.14 0.70 0.00
V_CMP_10_SYNC_DSASP 323788	35.85 0.81 0.00	33.76 0.56 0.00	33.12 0.46 0.00	32.84 0.26 0.00	33.49 0.33 0.00	39.02 0.58 0.00	50.76 0.45 0.00	55.93 -0.51 0.00	55.06 1.02 0.00	45.56 0.72 0.00	47.06 0.83 0.00	47.58 1.02 0.00	45.72 1.03 0.00	47.89 1.08 0.00	50.60 1.47 0.00	56.07 1.63 0.00	60.68 0.30 0.00	74.94 0.67 0.00	67.78 0.67 0.00	63.09 0.93 0.00	58.64 0.75 0.00	56.45 2.07 0.00	53.05 2.19 0.00	48.34 1.90 0.00
V_D_10_SYNC_DSASP 323841	35.49 0.45 0.00	33.60 0.40 0.00	33.02 0.36 0.00	32.87 0.29 0.00	33.46 0.30 0.00	38.86 0.42 0.00	50.66 0.35 0.00	56.39 -0.06 0.00	54.69 0.65 0.00	45.33 0.49 0.00	46.79 0.56 0.00	47.21 0.65 0.00	45.32 0.63 0.00	47.51 0.70 0.00	50.01 0.89 0.00	55.25 0.82 0.00	60.43 0.06 0.00	74.43 0.15 0.00	67.18 0.07 0.00	62.41 0.25 0.00	58.07 0.17 0.00	55.25 0.87 0.00	51.88 1.02 0.00	47.37 0.93 0.00
V_E_10_SYNC_DSASP 323830	37.42 2.38 0.00	35.43 2.22 0.00	34.72 2.06 0.00	34.83 2.25 0.00	35.44 2.29 0.00	41.52 3.08 0.00	54.99 4.68 0.00	66.38 9.94 0.00	63.49 9.45 0.00	51.70 6.86 0.00	52.79 6.56 0.00	53.77 7.22 0.00	51.62 6.93 0.00	54.07 7.26 0.00	56.88 7.76 0.00	65.16 10.73 0.00	74.92 14.55 0.00	84.68 10.40 0.00	76.17 9.06 0.00	70.55 8.39 0.00	65.48 7.58 0.00	60.80 6.41 0.00	56.00 5.14 0.00	51.41 4.97 0.00
V_F_30_NSYNC___DSASP 323816	36.76 1.72 0.00	34.76 1.56 0.00	34.20 1.54 0.00	34.14 1.56 0.00	34.78 1.62 0.00	40.36 1.92 0.00	53.02 2.71 0.00	59.94 3.50 0.00	56.68 2.65 0.00	46.68 1.84 0.00	48.26 2.03 0.00	48.42 1.86 0.00	46.48 1.79 0.00	48.73 1.92 0.00	51.28 2.16 0.00	57.27 2.83 0.00	63.93 3.56 0.00	78.66 4.38 0.00	71.00 3.89 0.00	65.89 3.73 0.00	61.31 3.41 0.00	57.32 2.93 0.00	53.41 2.54 0.00	48.67 2.23 0.00



V_F_30_SYNC_DSASP 323786	35.71 0.67 0.00	33.80 0.60 0.00	33.25 0.59 0.00	33.17 0.59 0.00	33.76 0.60 0.00	39.25 0.81 0.00	51.36 1.06 0.00	58.36 1.92 0.00	55.17 1.13 0.00	45.60 0.76 0.00	47.16 0.92 0.00	47.35 0.79 0.00	45.45 0.76 0.00	47.65 0.84 0.00	50.06 0.93 0.00	55.74 1.31 0.00	62.12 1.75 0.00	76.21 1.93 0.00	68.92 1.81 0.00	63.84 1.68 0.00	59.51 1.62 0.00	55.63 1.25 0.00	51.83 0.97 0.00	47.18 0.74 0.00
V_XM_10_SYNC_DSASP 323789	35.85 0.81 0.00	33.76 0.56 0.00	33.12 0.46 0.00	32.84 0.26 0.00	33.49 0.33 0.00	39.02 0.58 0.00	50.76 0.45 0.00	55.93 -0.51 0.00	55.06 1.02 0.00	45.56 0.72 0.00	47.06 0.83 0.00	47.58 1.02 0.00	45.72 1.03 0.00	47.89 1.08 0.00	50.60 1.47 0.00	56.07 1.63 0.00	60.68 0.30 0.00	74.94 0.67 0.00	67.78 0.67 0.00	63.09 0.93 0.00	58.64 0.75 0.00	56.45 2.07 0.00	53.05 2.19 0.00	48.34 1.90 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.58 1.54 0.00	34.59 1.39 0.00	33.97 1.31 0.00	33.88 1.30 0.00	34.55 1.39 0.00	40.06 1.61 0.00	52.52 2.21 0.00	60.05 3.61 0.00	56.20 2.16 0.00	46.77 1.93 0.00	47.94 1.71 0.00	48.14 1.58 0.00	46.21 1.52 0.00	48.35 1.54 0.00	50.69 1.57 0.00	56.40 1.96 0.00	63.15 2.78 0.00	77.55 3.27 0.00	70.26 3.15 0.00	64.96 2.80 0.00	60.79 2.89 0.00	56.45 2.07 0.00	52.54 1.68 0.00	47.79 1.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.04 2.00 0.00	35.03 1.83 0.00	34.40 1.73 0.00	34.27 1.69 0.00	34.95 1.79 0.00	40.63 2.19 0.00	53.43 3.12 0.00	61.47 5.02 0.00	57.55 3.51 0.00	47.89 3.05 0.00	49.00 2.77 0.00	49.26 2.70 0.00	47.37 2.68 0.00	49.57 2.76 0.00	51.92 2.80 0.00	57.76 3.32 0.00	64.60 4.23 0.00	79.40 5.13 0.00	71.81 4.70 0.00	66.20 4.04 0.00	61.89 3.99 0.00	57.54 3.15 0.00	53.51 2.64 0.00	48.48 2.04 0.00
W50THST__13_KV_LOAD 356117	37.07 2.03 0.00	35.06 1.86 0.00	34.43 1.76 0.00	34.27 1.69 0.00	34.98 1.82 0.00	40.67 2.23 0.00	53.43 3.12 0.00	61.52 5.08 0.00	57.60 3.57 0.00	47.93 3.09 0.00	49.05 2.82 0.00	49.30 2.75 0.00	47.42 2.73 0.00	49.57 2.76 0.00	51.97 2.85 0.00	57.76 3.32 0.00	64.66 4.29 0.00	79.48 5.20 0.00	71.87 4.76 0.00	66.26 4.10 0.00	61.89 3.99 0.00	57.59 3.21 0.00	53.56 2.70 0.00	48.53 2.09 0.00
WADING RIVER_IC_1 23522	36.02 0.98 0.00	33.90 0.70 0.00	33.28 0.62 0.00	33.20 0.62 0.00	34.35 1.19 0.00	40.17 1.73 0.00	52.67 2.36 0.00	60.17 3.72 0.00	55.28 1.24 0.00	46.32 1.48 0.00	46.79 0.56 0.00	46.88 0.33 0.00	45.54 0.85 0.00	48.78 1.97 0.00	52.12 3.00 0.00	58.41 3.97 0.00	65.38 5.01 0.00	79.34 5.05 -0.01	71.88 4.77 -0.01	66.26 4.10 0.00	62.30 4.40 -0.01	56.61 2.23 0.00	52.69 1.83 0.00	48.30 1.86 0.00
WADING RIVER_IC_2 23547	36.02 0.98 0.00	33.90 0.70 0.00	33.28 0.62 0.00	33.20 0.62 0.00	34.35 1.19 0.00	40.17 1.73 0.00	52.67 2.36 0.00	60.17 3.72 0.00	55.28 1.24 0.00	46.32 1.48 0.00	46.79 0.56 0.00	46.88 0.33 0.00	45.54 0.85 0.00	48.78 1.97 0.00	52.12 3.00 0.00	58.41 3.97 0.00	65.38 5.01 0.00	79.34 5.05 -0.01	71.88 4.77 -0.01	66.26 4.10 0.00	62.30 4.40 -0.01	56.61 2.23 0.00	52.69 1.83 0.00	48.30 1.86 0.00
WADING RIVER_IC_3 23601	36.02 0.98 0.00	33.90 0.70 0.00	33.28 0.62 0.00	33.20 0.62 0.00	34.35 1.19 0.00	40.17 1.73 0.00	52.67 2.36 0.00	60.17 3.72 0.00	55.28 1.24 0.00	46.32 1.48 0.00	46.79 0.56 0.00	46.88 0.33 0.00	45.54 0.85 0.00	48.78 1.97 0.00	52.12 3.00 0.00	58.41 3.97 0.00	65.38 5.01 0.00	79.34 5.05 -0.01	71.88 4.77 -0.01	66.26 4.10 0.00	62.30 4.40 -0.01	56.61 2.23 0.00	52.69 1.83 0.00	48.30 1.86 0.00
WALDENNY_12_KV_BK2 80841	34.13 -0.91 0.00	32.54 -0.66 0.00	31.98 -0.69 0.00	32.03 -0.55 0.00	32.69 -0.46 0.00	37.71 -0.73 0.00	48.45 -1.86 0.00	52.43 -4.01 0.00	51.71 -2.32 0.00	43.23 -1.61 0.00	44.61 -1.62 0.00	45.53 -1.02 0.00	43.58 -1.12 0.00	45.78 -1.03 0.00	47.60 -1.52 0.00	53.13 -1.31 0.00	58.74 -1.63 0.00	73.53 -0.74 0.00	65.97 -1.14 0.00	60.60 -1.55 0.00	55.87 -2.03 0.00	52.37 -2.01 0.00	48.47 -2.39 0.00	45.19 -1.25 0.00
WALDEN__HYDRO 24148	36.76 1.72 0.00	34.79 1.59 0.00	34.13 1.47 0.00	34.01 1.43 0.00	34.68 1.53 0.00	40.29 1.85 0.00	52.82 2.52 0.00	60.28 3.84 0.00	56.52 2.49 0.00	46.95 2.11 0.00	48.13 1.90 0.00	48.28 1.72 0.00	46.30 1.61 0.00	48.45 1.64 0.00	50.79 1.67 0.00	56.72 2.29 0.00	63.63 3.26 0.00	78.07 3.79 0.00	70.73 3.62 0.00	65.51 3.36 0.00	61.37 3.47 0.00	56.83 2.45 0.00	52.90 2.03 0.00	48.16 1.72 0.00
WARRENSBURG____ 23737	36.37 1.33 0.00	34.39 1.19 0.00	33.84 1.17 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.79 1.34 0.00	52.37 2.06 0.00	59.21 2.76 0.00	55.88 1.84 0.00	45.91 1.07 0.00	47.48 1.25 0.00	47.54 0.98 0.00	45.63 0.94 0.00	47.89 1.08 0.00	50.45 1.33 0.00	56.39 1.96 0.00	63.09 2.72 0.00	77.54 3.26 0.00	70.06 2.95 0.00	65.02 2.86 0.00	60.50 2.61 0.00	56.83 2.45 0.00	52.80 1.93 0.00	48.20 1.76 0.00
WATERSIDE____6 8 9 23538	36.97 1.93 0.00	35.00 1.79 -0.01	34.34 1.67 -0.01	34.25 1.66 -0.01	34.92 1.76 -0.01	40.56 2.11 0.00	53.23 2.92 0.00	61.25 4.80 -0.01	57.17 3.13 0.00	47.53 2.69 0.00	48.68 2.45 0.00	48.93 2.37 0.00	47.02 2.32 0.00	49.15 2.34 0.00	51.48 2.36 0.00	57.16 2.72 0.00	63.93 3.56 0.00	78.51 4.23 0.00	71.07 3.96 0.00	65.51 3.36 0.00	61.25 3.36 0.00	57.10 2.72 0.00	53.20 2.34 0.00	48.20 1.76 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.25 0.21 0.00	33.37 0.17 0.00	32.83 0.16 0.00	32.74 0.16 0.00	33.32 0.17 0.00	38.67 0.23 0.00	50.66 0.35 0.00	57.06 0.62 0.00	54.47 0.43 0.00	45.20 0.36 0.00	46.60 0.37 0.00	46.98 0.42 0.00	45.10 0.40 0.00	47.23 0.42 0.00	49.61 0.49 0.00	55.14 0.71 0.00	61.40 1.03 0.00	75.54 1.26 0.00	68.25 1.14 0.00	63.21 1.06 0.00	58.88 0.98 0.00	55.25 0.87 0.00	51.53 0.66 0.00	47.04 0.60 0.00
WATSON____69_KV_BK 1 55734	37.07 2.03 0.00	34.93 1.73 0.00	34.56 1.89 0.00	34.47 1.89 0.00	35.11 1.96 0.00	41.02 2.58 0.00	53.43 3.12 0.00	62.71 6.27 0.00	57.39 3.35 0.00	48.02 3.18 0.00	48.54 2.31 0.00	48.84 2.28 0.00	47.37 2.68 0.00	49.81 3.00 0.00	52.56 3.44 0.00	58.57 4.14 0.00	65.75 5.37 0.00	81.49 7.20 -0.01	73.83 6.71 -0.01	67.75 5.59 0.00	63.75 5.85 -0.01	58.73 4.35 0.00	54.27 3.41 0.00	49.74 3.30 0.00
WDELAWARE__HYD 323627	37.00 1.96 0.00	35.09 1.89 0.00	34.36 1.70 0.00	34.24 1.66 0.00	34.95 1.79 0.00	40.59 2.15 0.00	53.22 2.92 0.00	60.33 3.89 0.00	56.68 2.65 0.00	47.21 2.37 0.00	48.31 2.08 0.00	48.42 1.86 0.00	46.30 1.61 0.00	48.49 1.68 0.00	50.79 1.67 0.00	56.78 2.34 0.00	64.06 3.68 0.00	78.88 4.61 0.00	71.61 4.50 0.00	66.32 4.17 0.00	62.00 4.11 0.00	57.21 2.83 0.00	53.31 2.44 0.00	48.71 2.27 0.00

WEST BABYLON___IC 23714	37.07 2.03 0.00	34.93 1.73 0.00	34.53 1.86 0.00	34.44 1.86 0.00	35.08 1.92 0.00	40.98 2.54 0.00	53.38 3.07 0.00	62.42 5.98 0.00	57.28 3.24 0.00	47.98 3.14 0.00	48.54 2.31 0.00	48.84 2.28 0.00	47.37 2.68 0.00	49.71 2.90 0.00	52.22 3.09 0.00	58.19 3.76 0.00	65.38 5.01 0.00	80.90 6.61 -0.01	73.29 6.17 -0.01	67.32 5.16 0.00	63.35 5.44 -0.01	58.41 4.02 0.00	54.07 3.20 0.00	49.60 3.16 0.00
WEST CANADA___HYD 24049	35.11 0.07 0.00	33.27 0.07 0.00	32.73 0.07 0.00	32.68 0.10 0.00	33.22 0.07 0.00	38.52 0.08 0.00	50.46 0.15 0.00	56.73 0.28 0.00	54.15 0.11 0.00	44.97 0.13 0.00	46.37 0.14 0.00	46.65 0.09 0.00	44.83 0.13 0.00	46.95 0.14 0.00	49.22 0.10 0.00	54.60 0.16 0.00	60.80 0.43 0.00	74.73 0.45 0.00	67.51 0.41 0.00	62.53 0.38 0.00	58.24 0.35 0.00	54.60 0.22 0.00	51.02 0.15 0.00	46.53 0.09 0.00
WESTERN_NY_WIND 24143	34.58 -0.46 0.00	32.97 -0.23 0.00	32.34 -0.33 0.00	32.42 -0.16 0.00	33.09 -0.07 0.00	38.17 -0.27 0.00	49.30 -1.01 0.00	53.73 -2.71 0.00	52.85 -1.19 0.00	44.08 -0.76 0.00	45.35 -0.88 0.00	46.14 -0.42 0.00	44.11 -0.58 0.00	46.44 -0.37 0.00	48.29 -0.84 0.00	53.95 -0.49 0.00	59.89 -0.48 0.00	75.24 0.97 0.00	67.38 0.27 0.00	61.97 -0.19 0.00	57.20 -0.69 0.00	53.35 -1.03 0.00	49.19 -1.68 0.00	45.70 -0.74 0.00
WESTOVER___LESR 323668	35.18 0.14 0.00	33.33 0.13 0.00	32.80 0.13 0.00	32.74 0.16 0.00	33.36 0.20 0.00	38.67 0.23 0.00	50.61 0.30 0.00	56.61 0.17 0.00	54.36 0.32 0.00	45.06 0.22 0.00	46.42 0.18 0.00	46.88 0.33 0.00	44.92 0.22 0.00	47.04 0.23 0.00	49.32 0.20 0.00	54.93 0.49 0.00	61.28 0.91 0.00	75.61 1.34 0.00	68.12 1.01 0.00	62.97 0.81 0.00	58.53 0.64 0.00	54.65 0.27 0.00	50.76 -0.10 0.00	46.67 0.23 0.00
WETHRSFD_WT_PWR 323626	33.99 -1.05 0.00	32.34 -0.86 0.00	31.85 -0.82 0.00	31.89 -0.69 0.00	32.53 -0.63 0.00	37.48 -0.96 0.00	48.50 -1.81 0.00	53.90 -2.54 0.00	52.09 -1.94 0.00	43.36 -1.48 0.00	44.80 -1.43 0.00	45.63 -0.93 0.00	43.67 -1.03 0.00	45.87 -0.94 0.00	48.19 -0.93 0.00	53.29 -1.15 0.00	59.71 -0.66 0.00	73.98 -0.30 0.00	66.50 -0.61 0.00	61.16 -1.00 0.00	56.79 -1.10 0.00	52.75 -1.63 0.00	49.13 -1.73 0.00	45.51 -0.93 0.00
WHAVSTOR_138KV_BK127 55557	36.44 1.40 0.00	34.46 1.26 0.00	33.84 1.18 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.90 1.46 0.00	52.27 1.96 0.00	59.83 3.39 0.00	55.98 1.95 0.00	46.54 1.70 0.00	47.71 1.48 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.17 1.36 0.00	50.50 1.38 0.00	56.18 1.74 0.00	62.85 2.48 0.00	77.25 2.97 0.00	69.93 2.82 0.00	64.64 2.49 0.00	60.44 2.55 0.00	56.18 1.79 0.00	52.29 1.42 0.00	47.55 1.11 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.44 1.40 0.00	34.46 1.26 0.00	33.84 1.18 0.00	33.75 1.17 0.00	34.42 1.26 0.00	39.90 1.46 0.00	52.27 1.96 0.00	59.83 3.39 0.00	55.98 1.95 0.00	46.54 1.70 0.00	47.71 1.48 0.00	47.95 1.40 0.00	46.08 1.39 0.00	48.17 1.36 0.00	50.50 1.38 0.00	56.18 1.74 0.00	62.85 2.48 0.00	77.25 2.97 0.00	69.93 2.82 0.00	64.64 2.49 0.00	60.44 2.55 0.00	56.18 1.79 0.00	52.29 1.42 0.00	47.55 1.11 0.00
WHITEHAL_115KV_TB1 80871	36.79 1.75 0.00	34.76 1.56 0.00	34.20 1.54 0.00	34.14 1.56 0.00	34.85 1.69 0.00	40.40 1.96 0.00	52.97 2.67 0.00	60.45 4.01 0.00	56.90 2.86 0.00	46.54 1.70 0.00	48.22 1.99 0.00	48.23 1.68 0.00	46.26 1.56 0.00	48.54 1.73 0.00	51.33 2.21 0.00	57.59 3.16 0.00	64.30 3.92 0.00	78.96 4.68 0.00	71.40 4.29 0.00	66.14 3.98 0.00	61.60 3.71 0.00	57.86 3.48 0.00	53.56 2.70 0.00	48.90 2.46 0.00
WHITEPLN_13_KV_LOAD 356215	37.00 1.96 0.00	34.99 1.79 0.00	34.33 1.67 0.00	34.21 1.63 0.00	34.92 1.76 0.00	40.52 2.08 0.00	53.23 2.92 0.00	61.13 4.68 0.00	57.23 3.19 0.00	47.53 2.69 0.00	48.73 2.50 0.00	48.93 2.37 0.00	47.06 2.37 0.00	49.20 2.39 0.00	51.58 2.46 0.00	57.38 2.94 0.00	64.30 3.92 0.00	79.03 4.75 0.00	71.61 4.50 0.00	66.14 3.98 0.00	61.77 3.88 0.00	57.43 3.05 0.00	53.36 2.49 0.00	48.44 2.00 0.00
WM_FLOYD_69_KV_BK2 356380	36.44 1.40 0.00	34.30 1.10 0.00	34.13 1.47 0.00	34.08 1.50 0.00	34.65 1.49 0.00	40.44 2.00 0.00	52.52 2.21 0.00	62.26 5.81 0.00	56.41 2.38 0.00	47.17 2.33 0.00	47.39 1.16 0.00	47.72 1.16 0.00	46.30 1.61 0.00	48.92 2.11 0.00	52.12 3.00 0.00	58.03 3.59 0.00	64.72 4.35 0.00	80.15 5.87 -0.01	72.69 5.57 -0.01	66.70 4.54 0.00	62.77 4.86 -0.01	57.70 3.32 0.00	53.36 2.49 0.00	48.85 2.41 0.00
WOODARD___115KV_TB2 355635	34.30 -0.74 0.00	32.57 -0.63 0.00	32.04 -0.62 0.00	31.96 -0.62 0.00	32.56 -0.60 0.00	37.75 -0.69 0.00	49.45 -0.86 0.00	55.48 -0.96 0.00	53.23 -0.81 0.00	44.12 -0.72 0.00	45.49 -0.74 0.00	45.86 -0.70 0.00	43.98 -0.72 0.00	46.01 -0.80 0.00	48.19 -0.93 0.00	53.62 -0.82 0.00	59.71 -0.66 0.00	73.68 -0.59 0.00	66.44 -0.67 0.00	61.47 -0.68 0.00	57.14 -0.75 0.00	53.40 -0.98 0.00	49.75 -1.12 0.00	45.56 -0.88 0.00
YORK___WARBASSE 23770	37.26 2.21 -0.01	35.23 2.03 -0.01	34.57 1.89 -0.01	34.44 1.86 -0.01	35.12 1.96 -0.01	40.82 2.38 0.00	53.63 3.32 0.00	61.64 5.19 -0.01	57.56 3.51 -0.01	47.90 3.05 -0.01	49.06 2.82 -0.01	49.31 2.75 -0.01	47.38 2.68 -0.01	49.53 2.71 -0.01	51.88 2.75 -0.01	57.60 3.16 -0.01	64.49 4.11 -0.01	79.11 4.83 -0.01	71.61 4.50 -0.01	66.02 3.85 -0.01	61.72 3.82 -0.01	57.49 3.10 -0.01	53.62 2.75 -0.01	48.58 2.14 -0.01