

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/06/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	47.53	35.10	29.96	31.66	31.75	31.88	32.69	32.15	29.46	37.05	32.41	36.00	51.93	56.00	57.29	65.30	69.34	99.54	98.60	97.83	65.99	72.34	51.71	49.99
24138	3.15	2.43	1.98	2.05	1.89	1.87	1.76	1.63	1.79	2.03	1.98	2.17	2.92	2.95	2.95	3.73	5.08	8.52	7.91	6.79	4.30	3.66	2.38	2.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.58	35.10	30.01	31.72	31.84	31.95	32.77	32.22	29.50	37.11	32.43	36.02	52.03	56.17	57.45	65.50	69.51	99.82	98.87	98.09	66.17	72.51	51.82	50.06
24260	3.20	2.43	2.03	2.11	1.97	1.94	1.84	1.70	1.83	2.08	2.01	2.19	3.02	3.12	3.11	3.93	5.26	8.79	8.18	7.06	4.49	3.84	2.49	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.58	35.10	30.01	31.72	31.84	31.95	32.77	32.22	29.50	37.11	32.43	36.02	52.03	56.17	57.45	65.50	69.51	99.82	98.87	98.09	66.17	72.51	51.82	50.06
24261	3.20	2.43	2.03	2.11	1.97	1.94	1.84	1.70	1.83	2.08	2.01	2.19	3.02	3.12	3.11	3.93	5.26	8.79	8.18	7.06	4.49	3.84	2.49	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.00	34.62	29.61	31.31	31.57	31.67	32.60	32.04	29.07	36.43	31.55	34.99	50.69	55.03	56.98	65.21	68.64	98.61	98.41	98.26	66.61	73.33	52.21	50.09
24011	2.62	1.95	1.63	1.70	1.70	1.66	1.67	1.52	1.39	1.40	1.12	1.16	1.68	1.99	2.64	3.64	4.38	7.59	7.72	7.23	4.92	4.65	2.87	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.85	35.19	30.04	31.70	31.98	32.09	33.08	32.51	29.49	36.83	32.01	35.54	51.45	55.94	58.12	66.88	70.56	101.03	99.94	99.69	67.01	73.75	52.46	50.36
23798	3.46	2.53	2.06	2.09	2.11	2.08	2.15	1.98	1.82	1.80	1.59	1.71	2.44	2.90	3.78	5.31	6.30	10.00	9.25	8.66	5.32	5.07	3.12	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.00	34.62	29.61	31.31	31.57	31.67	32.60	32.04	29.07	36.4														

ALBANY___2 23572	44.67 0.28 0.00	33.20 0.53 0.00	28.63 0.65 0.00	30.36 0.75 0.00	30.59 0.72 0.00	30.69 0.69 0.00	31.53 0.61 0.00	30.99 0.47 0.00	28.08 0.41 0.00	35.17 0.14 0.00	30.32 -0.11 0.00	33.60 -0.23 0.00	48.56 -0.45 0.00	52.50 -0.55 0.00	54.08 -0.26 0.00	61.57 0.00 0.00	64.75 0.49 0.00	92.73 1.70 0.00	92.14 1.46 0.00	91.73 0.69 0.00	62.18 0.49 0.00	68.62 -0.06 0.00	49.01 -0.33 0.00	47.20 -0.20 0.00
ALBANY___3 23573	44.67 0.28 0.00	33.20 0.53 0.00	28.63 0.65 0.00	30.36 0.75 0.00	30.59 0.72 0.00	30.69 0.69 0.00	31.53 0.61 0.00	30.99 0.47 0.00	28.08 0.41 0.00	35.17 0.14 0.00	30.32 -0.11 0.00	33.60 -0.23 0.00	48.56 -0.45 0.00	52.50 -0.55 0.00	54.08 -0.26 0.00	61.57 0.00 0.00	64.75 0.49 0.00	92.73 1.70 0.00	92.14 1.46 0.00	91.73 0.69 0.00	62.18 0.49 0.00	68.62 -0.06 0.00	49.01 -0.33 0.00	47.20 -0.20 0.00
ALBANY___4 23574	44.67 0.28 0.00	33.20 0.53 0.00	28.63 0.65 0.00	30.36 0.75 0.00	30.59 0.72 0.00	30.69 0.69 0.00	31.53 0.61 0.00	30.99 0.47 0.00	28.08 0.41 0.00	35.17 0.14 0.00	30.32 -0.11 0.00	33.60 -0.23 0.00	48.56 -0.45 0.00	52.50 -0.55 0.00	54.08 -0.26 0.00	61.57 0.00 0.00	64.75 0.49 0.00	92.73 1.70 0.00	92.14 1.46 0.00	91.73 0.69 0.00	62.18 0.49 0.00	68.62 -0.06 0.00	49.01 -0.33 0.00	47.20 -0.20 0.00
ALBANY___LFGE 323615	45.19 0.81 0.00	33.54 0.88 0.00	28.88 0.90 0.00	30.61 1.00 0.00	30.85 0.98 0.00	30.95 0.95 0.00	31.81 0.88 0.00	31.25 0.73 0.00	28.33 0.65 0.00	35.51 0.48 0.00	30.68 0.25 0.00	34.03 0.20 0.00	49.25 0.24 0.00	53.29 0.25 0.00	54.91 0.57 0.00	62.55 0.97 0.00	65.76 1.50 0.00	94.21 3.18 0.00	93.63 2.95 0.00	93.23 2.20 0.00	63.16 1.48 0.00	69.68 1.00 0.00	49.75 0.41 0.00	47.87 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	44.13 -0.25 0.00	32.52 -0.14 0.00	27.84 -0.14 0.00	29.40 -0.22 0.00	29.69 -0.18 0.00	29.84 -0.16 0.00	30.89 -0.04 0.00	30.64 0.11 0.00	27.82 0.14 0.00	35.32 0.30 0.00	30.60 0.17 0.00	34.06 0.23 0.00	49.37 0.36 0.00	53.40 0.36 0.00	54.46 0.12 0.00	61.36 -0.21 0.00	63.25 -1.01 0.00	87.85 -3.17 0.00	87.81 -2.87 0.00	110.55 -1.62 -21.14	134.85 -0.66 -73.83	84.35 0.12 -15.55	49.74 0.40 -0.01	47.67 0.27 0.00
ALCOA_RYNLDS___DRP 24188	44.13 -0.25 0.00	32.52 -0.14 0.00	27.84 -0.14 0.00	29.40 -0.22 0.00	29.69 -0.18 0.00	29.84 -0.16 0.00	30.89 -0.04 0.00	30.64 0.11 0.00	27.82 0.14 0.00	35.32 0.30 0.00	30.60 0.17 0.00	34.06 0.23 0.00	49.37 0.36 0.00	53.40 0.36 0.00	54.46 0.12 0.00	61.36 -0.21 0.00	63.25 -1.01 0.00	87.85 -3.17 0.00	87.81 -2.87 0.00	110.55 -1.62 -21.14	134.85 -0.66 -73.83	84.35 0.12 -15.55	49.74 0.40 -0.01	47.67 0.27 0.00
ALCOA___DSASP 323711	44.13 -0.25 0.00	32.52 -0.14 0.00	27.84 -0.14 0.00	29.40 -0.21 0.00	29.69 -0.17 0.00	29.84 -0.16 0.00	30.89 -0.04 0.00	30.64 0.11 0.00	27.82 0.14 0.00	35.32 0.30 0.00	30.60 0.17 0.00	34.06 0.23 0.00	49.37 0.36 0.00	53.40 0.36 0.00	54.46 0.12 0.00	61.36 -0.21 0.00	63.25 -1.01 0.00	87.85 -3.17 0.00	87.81 -2.87 0.00	110.55 -1.62 -21.14	134.84 -0.67 -73.83	84.35 0.12 -15.55	49.75 0.39 -0.01	47.67 0.27 0.00
ALLEGHENY___COGEN 23514	47.95 3.56 0.00	34.57 1.90 0.00	29.36 1.38 0.00	30.82 1.21 0.00	31.07 1.20 0.00	31.35 1.35 0.00	32.28 1.35 0.00	31.43 0.90 0.00	28.21 0.53 0.00	36.10 1.07 0.00	31.36 0.93 0.00	34.91 1.08 0.00	50.62 1.62 0.00	54.09 1.04 0.00	54.46 0.12 0.00	61.04 -0.53 0.00	64.01 -0.25 0.00	91.18 0.16 0.00	91.99 1.30 0.00	95.37 4.34 0.00	65.03 3.34 0.00	72.35 3.67 0.00	51.56 2.22 0.00	49.13 1.73 0.00
ALTAMONT_115KV_TB 2 55880	45.29 0.91 0.00	33.48 0.81 0.00	28.75 0.77 0.00	30.48 0.86 0.00	30.71 0.85 0.00	30.83 0.83 0.00	31.69 0.76 0.00	31.14 0.62 0.00	28.20 0.52 0.00	35.41 0.39 0.00	30.71 0.28 0.00	34.07 0.24 0.00	49.28 0.27 0.00	53.34 0.30 0.00	54.87 0.53 0.00	62.41 0.84 0.00	65.61 1.36 0.00	93.79 2.76 0.00	93.22 2.53 0.00	93.00 1.97 0.00	63.03 1.35 0.00	69.65 0.97 0.00	49.80 0.47 0.00	47.93 0.53 0.00
ALTONA_WT_PWR 323606	43.34 -1.04 0.00	32.03 -0.64 0.00	27.49 -0.49 0.00	28.95 -0.66 0.00	29.33 -0.54 0.00	29.51 -0.49 0.00	30.62 -0.31 0.00	30.32 -0.20 0.00	27.52 -0.16 0.00	34.83 -0.19 0.00	29.99 -0.44 0.00	33.43 -0.40 0.00	48.51 -0.50 0.00	52.26 -0.78 0.00	52.84 -1.50 0.00	59.43 -2.15 0.00	61.31 -2.95 0.00	85.80 -5.22 0.00	86.10 -4.58 0.00	87.89 -3.14 0.00	56.28 -1.79 3.62	37.48 -1.41 29.79	48.67 -0.67 0.00	46.86 -0.54 0.00
AMERICAN_REF_FUEL 24010	44.77 0.39 0.00	32.42 -0.25 0.00	27.62 -0.36 0.00	28.98 -0.63 0.00	29.20 -0.67 0.00	29.47 -0.54 0.00	30.30 -0.63 0.00	29.77 -0.76 0.00	27.28 -0.39 0.00	35.11 0.08 0.00	30.42 -0.01 0.00	33.87 0.04 0.00	48.91 -0.10 0.00	52.70 -0.35 0.00	53.67 -0.67 0.00	59.38 -2.20 0.00	61.93 -2.33 0.00	87.66 -3.37 0.00	88.29 -2.39 0.00	89.79 -1.24 0.00	60.01 -1.68 0.00	66.96 -1.72 0.00	48.52 -0.82 0.00	46.86 -0.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.30 0.91 0.00	32.49 -0.18 0.00	27.70 -0.28 0.00	29.17 -0.45 0.00	29.38 -0.49 0.00	29.63 -0.37 0.00	30.37 -0.56 0.00	29.88 -0.64 0.00	27.67 0.00 0.00	35.77 0.75 0.00	31.13 0.70 0.00	34.77 0.94 0.00	50.63 1.63 0.00	54.64 1.60 0.00	55.47 1.13 0.00	62.02 0.44 0.00	64.96 0.70 0.00	93.19 2.17 0.00	93.60 2.92 0.00	94.13 3.09 0.00	62.50 0.82 0.00	68.70 0.02 0.00	48.98 -0.36 0.00	47.02 -0.38 0.00
ARTHUR KILL_GT_1 23520	47.33 2.94 0.00	34.94 2.27 0.00	29.87 1.89 0.00	31.60 1.99 0.00	31.65 1.78 0.00	31.81 1.80 0.00	32.58 1.65 0.00	32.00 1.48 0.00	29.33 1.66 0.00	36.79 1.77 0.00	32.19 1.77 0.00	35.68 1.85 0.00	51.31 2.31 0.00	55.30 2.26 0.00	56.46 2.24 0.11	64.20 2.97 0.35	68.56 4.30 0.00	98.49 7.47 0.01	97.58 6.90 0.00	96.98 5.95 0.00	65.58 3.90 0.00	71.85 3.17 0.00	51.33 1.99 0.00	49.64 2.24 0.00
ARTHUR_KILL_2 23512	47.14 2.76 0.00	34.82 2.15 0.00	29.77 1.79 0.00	31.49 1.88 0.00	31.56 1.69 0.00	31.72 1.71 0.00	32.50 1.57 0.00	31.92 1.39 0.00	29.24 1.57 0.00	36.68 1.66 0.00	32.09 1.66 0.00	35.56 1.73 0.00	51.13 2.12 0.00	55.09 2.05 0.00	56.24 2.02 0.12	63.94 2.72 0.35	68.27 4.02 0.01	98.04 7.02 0.01	97.13 6.45 0.01	96.49 5.47 0.01	65.27 3.58 0.01	71.50 2.82 0.01	51.10 1.76 0.00	49.41 2.01 0.00
ARTHUR_KILL_3 23513	47.01 2.63 0.00	34.70 2.03 0.00	29.67 1.68 0.00	31.35 1.74 0.00	31.45 1.58 0.00	31.57 1.57 0.00	32.38 1.44 0.00	31.82 1.30 0.00	29.13 1.45 0.00	36.61 1.59 0.00	31.99 1.56 0.00	35.52 1.69 0.00	51.26 2.25 0.00	55.26 2.22 0.00	56.37 2.15 0.13	64.01 2.79 0.36	66.60 4.12 1.78	98.19 7.17 0.02	97.24 6.56 0.01	96.40 5.37 0.01	65.09 3.41 0.01	71.32 2.64 0.00	51.05 1.71 0.00	49.36 1.96 0.00

ARTHUR_KILL_COGEN 323718	47.32 2.94 0.00	34.95 2.28 0.00	29.87 1.89 0.00	31.60 1.99 0.00	31.65 1.78 0.00	31.81 1.81 0.00	32.60 1.67 0.00	32.03 1.50 0.00	29.33 1.66 0.00	36.79 1.77 0.00	32.19 1.76 0.00	35.68 1.85 0.00	51.31 2.30 0.00	55.30 2.26 0.00	56.46 2.24 0.12	64.19 2.97 0.35	68.55 4.30 0.01	98.48 7.46 0.01	97.58 6.90 0.01	96.96 5.94 0.01	65.58 3.90 0.01	71.84 3.17 0.01	51.34 2.00 0.00	49.63 2.24 0.00
ASHOKAN____ 23654	47.14 2.76 0.00	34.71 2.05 0.00	29.72 1.73 0.00	31.43 1.82 0.00	31.61 1.74 0.00	31.71 1.70 0.00	32.58 1.65 0.00	32.04 1.52 0.00	29.17 1.49 0.00	36.65 1.62 0.00	31.97 1.54 0.00	35.56 1.73 0.00	51.56 2.55 0.00	55.94 2.90 0.00	57.55 3.21 0.00	65.69 4.12 0.00	69.57 5.31 0.00	100.13 9.10 0.00	99.69 9.01 0.00	99.23 8.19 0.00	66.97 5.29 0.00	73.54 4.86 0.00	52.26 2.92 0.00	50.13 2.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.25 2.86 0.00	35.00 2.33 0.00	29.87 1.89 0.00	31.69 2.07 0.00	31.80 1.93 0.00	31.93 1.93 0.00	32.72 1.79 0.00	32.13 1.61 0.00	29.47 1.79 0.00	36.89 1.86 0.00	32.26 1.83 0.00	35.73 1.90 0.00	51.52 2.51 0.00	55.57 2.53 0.00	56.69 2.35 0.00	64.63 3.05 -0.01	68.63 4.36 -0.01	98.77 7.46 -0.29	97.59 6.90 -0.01	96.89 5.85 -0.01	65.45 3.76 -0.01	71.68 3.00 0.00	51.25 1.91 0.00	49.58 2.19 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.25 2.86 0.00	35.00 2.33 0.00	29.87 1.89 0.00	31.68 2.07 0.00	31.80 1.93 0.00	31.94 1.93 0.00	32.72 1.79 0.00	32.13 1.61 0.00	29.47 1.79 0.00	36.89 1.86 0.00	32.26 1.83 0.00	35.73 1.90 0.00	51.52 2.51 0.00	55.57 2.53 0.00	56.69 2.35 0.00	64.63 3.05 -0.01	68.63 4.36 -0.01	98.77 7.46 -0.29	97.59 6.90 -0.01	96.89 5.85 -0.01	65.45 3.76 -0.01	71.68 3.00 0.00	51.25 1.91 0.00	49.58 2.19 0.00
ASTORIA_GT2_1 24094	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT2_2 24095	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT2_3 24096	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT2_4 24097	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT3_1 24098	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT3_2 24099	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT3_3 24100	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT3_4 24101	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT4_1 24102	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT4_2 24103	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT4_3 24104	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00

ASTORIA_GT4_4 24105	47.28 2.90 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.08 0.00	31.81 1.94 0.00	31.94 1.93 0.00	32.70 1.77 0.00	32.10 1.58 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.27 1.85 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.60 2.55 0.00	56.73 2.38 -0.01	64.66 3.08 -0.01	68.67 4.41 -0.01	98.83 7.52 -0.29	97.65 6.96 -0.01	96.94 5.89 -0.02	65.49 3.80 -0.01	71.72 3.03 -0.01	51.26 1.92 0.00	49.61 2.21 0.00
ASTORIA_GT_1 23523	47.37 2.99 0.00	35.07 2.40 0.00	29.94 1.96 0.00	31.75 2.14 0.00	31.86 2.00 0.00	32.00 1.99 0.00	32.77 1.84 0.00	32.16 1.64 0.00	29.54 1.87 0.00	36.98 1.95 0.00	32.34 1.91 0.00	35.83 2.01 0.00	51.68 2.67 0.00	55.73 2.69 0.00	56.87 2.52 -0.01	64.82 3.24 -0.01	68.85 4.58 -0.01	99.08 7.76 -0.29	97.91 7.22 -0.01	97.21 6.16 -0.02	65.66 3.97 -0.01	71.90 3.21 -0.01	51.40 2.06 0.00	49.73 2.33 0.00
ASTORIA_GT_10 24110	47.07 2.69 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.81 1.81 0.00	32.60 1.67 0.00	32.04 1.51 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.44 2.43 0.00	55.35 2.31 0.00	55.85 2.15 0.65	62.83 2.77 1.52	67.89 4.08 0.45	69.04 7.09 29.08	88.78 6.49 8.40	95.71 5.34 0.66	65.10 3.41 0.00	71.03 2.59 0.23	50.91 1.64 0.06	49.34 1.94 0.00
ASTORIA_GT_11 24225	47.07 2.69 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.81 1.81 0.00	32.60 1.67 0.00	32.04 1.51 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.44 2.43 0.00	55.35 2.31 0.00	55.85 2.15 0.65	62.83 2.77 1.52	67.89 4.08 0.45	69.04 7.09 29.08	88.78 6.49 8.40	95.71 5.34 0.66	65.10 3.41 0.00	71.03 2.59 0.23	50.91 1.64 0.06	49.34 1.94 0.00
ASTORIA_GT_12 24226	47.07 2.69 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.81 1.81 0.00	32.60 1.67 0.00	32.04 1.51 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.44 2.43 0.00	55.35 2.31 0.00	55.85 2.15 0.65	62.83 2.77 1.52	67.89 4.08 0.45	69.04 7.09 29.08	88.78 6.49 8.40	95.71 5.34 0.66	65.10 3.41 0.00	71.03 2.59 0.23	50.91 1.64 0.06	49.34 1.94 0.00
ASTORIA_GT_13 24227	47.07 2.69 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.81 1.81 0.00	32.60 1.67 0.00	32.04 1.51 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.44 2.43 0.00	55.35 2.31 0.00	55.85 2.15 0.65	62.83 2.77 1.52	67.89 4.08 0.45	69.04 7.09 29.08	88.78 6.49 8.40	95.71 5.34 0.66	65.10 3.41 0.00	71.03 2.59 0.23	50.91 1.64 0.06	49.34 1.94 0.00
ASTORIA_GT_5 24106	47.37 2.99 0.00	35.07 2.40 0.00	29.94 1.96 0.00	31.75 2.14 0.00	31.86 2.00 0.00	32.00 1.99 0.00	32.77 1.84 0.00	32.16 1.64 0.00	29.54 1.87 0.00	36.98 1.95 0.00	32.34 1.91 0.00	35.83 2.01 0.00	51.68 2.67 0.00	55.73 2.69 0.00	56.87 2.52 -0.01	64.82 3.24 -0.01	68.85 4.58 -0.01	99.08 7.76 -0.29	97.91 7.22 -0.01	97.21 6.16 -0.02	65.66 3.97 -0.01	71.90 3.21 -0.01	51.40 2.06 0.00	49.73 2.33 0.00
ASTORIA_GT_7 24107	47.37 2.99 0.00	35.07 2.40 0.00	29.94 1.96 0.00	31.75 2.14 0.00	31.86 2.00 0.00	32.00 1.99 0.00	32.77 1.84 0.00	32.16 1.64 0.00	29.54 1.87 0.00	36.98 1.95 0.00	32.34 1.91 0.00	35.83 2.01 0.00	51.68 2.67 0.00	55.73 2.69 0.00	56.87 2.52 -0.01	64.82 3.24 -0.01	68.85 4.58 -0.01	99.08 7.76 -0.29	97.91 7.22 -0.01	97.21 6.16 -0.02	65.66 3.97 -0.01	71.90 3.21 -0.01	51.40 2.06 0.00	49.73 2.33 0.00
ASTORIA_GT_8 24108	47.37 2.99 0.00	35.07 2.40 0.00	29.94 1.96 0.00	31.75 2.14 0.00	31.86 2.00 0.00	32.00 1.99 0.00	32.77 1.84 0.00	32.16 1.64 0.00	29.54 1.87 0.00	36.98 1.95 0.00	32.34 1.91 0.00	35.83 2.01 0.00	51.68 2.67 0.00	55.73 2.69 0.00	56.87 2.52 -0.01	64.82 3.24 -0.01	68.85 4.58 -0.01	99.08 7.76 -0.29	97.91 7.22 -0.01	97.21 6.16 -0.02	65.66 3.97 -0.01	71.90 3.21 -0.01	51.40 2.06 0.00	49.73 2.33 0.00
ASTORIA___2 24149	47.28 2.89 0.00	35.01 2.34 0.00	29.88 1.90 0.00	31.70 2.09 0.00	31.81 1.94 0.00	31.95 1.94 0.00	32.74 1.81 0.00	32.15 1.62 0.00	29.48 1.80 0.00	36.91 1.88 0.00	32.28 1.85 0.00	35.75 1.92 0.00	51.54 2.53 0.00	55.60 2.56 0.00	56.72 2.38 0.00	64.66 3.08 -0.01	68.67 4.41 -0.01	98.84 7.53 -0.29	97.65 6.95 -0.01	96.93 5.89 -0.01	65.49 3.80 -0.01	71.71 3.03 0.00	51.27 1.94 0.00	49.61 2.21 0.00
ASTORIA___3 23516	47.07 2.68 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.82 1.81 0.00	32.62 1.69 0.00	32.06 1.53 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.74 1.92 0.00	51.42 2.41 0.00	55.36 2.31 0.00	55.84 2.15 0.65	62.83 2.77 1.52	67.88 4.08 0.45	69.03 7.08 29.08	88.77 6.49 8.41	95.70 5.34 0.67	65.10 3.42 0.01	71.03 2.59 0.24	50.91 1.64 0.07	49.34 1.94 0.00
ASTORIA___4 23517	47.07 2.69 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.81 1.81 0.00	32.60 1.67 0.00	32.04 1.51 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.44 2.43 0.00	55.35 2.31 0.00	55.85 2.15 0.65	62.83 2.77 1.52	67.89 4.08 0.45	69.04 7.09 29.08	88.78 6.49 8.40	95.71 5.34 0.66	65.10 3.41 0.00	71.03 2.59 0.23	50.91 1.64 0.06	49.34 1.94 0.00
ASTORIA___5 23518	47.07 2.68 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.82 1.81 0.00	32.62 1.69 0.00	32.06 1.53 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.74 1.92 0.00	51.42 2.41 0.00	55.36 2.31 0.00	55.84 2.15 0.65	62.83 2.77 1.52	67.88 4.08 0.45	69.03 7.08 29.08	88.77 6.49 8.41	95.70 5.34 0.67	65.09 3.41 0.01	71.03 2.59 0.24	50.91 1.64 0.07	49.34 1.94 0.00
AST_ENERGY_2_CC3 323677	47.13 2.74 0.00	34.79 2.12 0.00	29.77 1.79 0.00	31.47 1.86 0.00	31.57 1.70 0.00	31.69 1.68 0.00	32.50 1.57 0.00	31.94 1.42 0.00	29.24 1.57 0.00	36.74 1.71 0.00	32.10 1.67 0.00	35.64 1.81 0.00	51.46 2.45 0.00	55.54 2.50 0.00	56.81 2.46 0.00	64.73 3.16 0.00	68.74 4.48 0.00	98.72 7.69 0.00	97.76 7.08 0.00	96.95 5.92 0.00	65.40 3.72 0.00	71.67 2.99 0.00	51.25 1.91 0.00	49.51 2.11 0.00
AST_ENERGY_2_CC4 323678	47.13 2.74 0.00	34.79 2.12 0.00	29.77 1.79 0.00	31.47 1.86 0.00	31.57 1.70 0.00	31.69 1.68 0.00	32.50 1.57 0.00	31.94 1.42 0.00	29.24 1.57 0.00	36.74 1.71 0.00	32.10 1.67 0.00	35.64 1.81 0.00	51.46 2.45 0.00	55.54 2.50 0.00	56.81 2.46 0.00	64.73 3.16 0.00	68.74 4.48 0.00	98.72 7.69 0.00	97.76 7.08 0.00	96.95 5.92 0.00	65.40 3.72 0.00	71.67 2.99 0.00	51.25 1.91 0.00	49.51 2.11 0.00

ATHENS_STG_1 23668	45.61 1.23 0.00	33.68 1.01 0.00	28.90 0.92 0.00	30.63 1.02 0.00	30.86 0.99 0.00	30.97 0.96 0.00	31.82 0.89 0.00	31.27 0.75 0.00	28.33 0.66 0.00	35.62 0.60 0.00	31.00 0.58 0.00	34.42 0.59 0.00	49.76 0.75 0.00	53.80 0.76 0.00	55.26 0.92 0.00	62.92 1.35 0.00	66.30 2.04 0.00	94.91 3.89 0.00	94.14 3.46 0.00	93.66 2.63 0.00	63.42 1.73 0.00	69.94 1.26 0.00	50.01 0.67 0.00	48.20 0.80 0.00
ATHENS_STG_2 23670	45.61 1.23 0.00	33.68 1.01 0.00	28.90 0.92 0.00	30.63 1.02 0.00	30.86 0.99 0.00	30.97 0.96 0.00	31.82 0.89 0.00	31.27 0.75 0.00	28.33 0.66 0.00	35.62 0.60 0.00	31.00 0.58 0.00	34.42 0.59 0.00	49.76 0.75 0.00	53.80 0.76 0.00	55.26 0.92 0.00	62.92 1.35 0.00	66.30 2.04 0.00	94.91 3.89 0.00	94.14 3.46 0.00	93.66 2.63 0.00	63.42 1.73 0.00	69.94 1.26 0.00	50.01 0.67 0.00	48.20 0.80 0.00
ATHENS_STG_3 23677	45.61 1.23 0.00	33.68 1.01 0.00	28.90 0.92 0.00	30.63 1.02 0.00	30.86 0.99 0.00	30.97 0.96 0.00	31.82 0.89 0.00	31.27 0.75 0.00	28.33 0.66 0.00	35.62 0.60 0.00	31.00 0.58 0.00	34.42 0.59 0.00	49.76 0.75 0.00	53.80 0.76 0.00	55.26 0.92 0.00	62.92 1.35 0.00	66.30 2.04 0.00	94.91 3.89 0.00	94.14 3.46 0.00	93.66 2.63 0.00	63.42 1.73 0.00	69.94 1.26 0.00	50.01 0.67 0.00	48.20 0.80 0.00
AUBURN___LFGE 323710	45.40 0.85 -0.16	33.19 0.52 0.00	28.36 0.38 0.00	29.94 0.33 0.00	30.22 0.35 0.00	30.36 0.36 0.00	31.27 0.34 0.00	30.64 0.12 0.00	27.91 0.24 0.00	35.40 0.37 0.00	30.82 0.39 0.00	34.17 0.34 0.00	49.59 0.58 0.00	53.80 0.68 -0.07	55.00 0.65 0.00	63.87 0.84 -1.46	68.55 1.04 -3.25	95.97 2.18 -2.76	98.54 2.63 -5.23	100.25 3.17 -6.05	67.29 2.12 -3.49	74.84 2.10 -4.05	52.85 1.01 -2.50	50.55 0.82 -2.33
BABYLON_RES_REC 323704	48.04 3.65 0.00	35.24 2.58 0.00	30.02 2.04 0.00	31.68 2.07 0.00	31.65 1.79 0.00	31.74 1.73 0.00	32.48 1.54 0.00	31.85 1.33 0.00	29.24 1.57 0.00	36.75 1.73 0.00	31.73 1.30 0.00	34.10 1.46 1.19	49.26 2.25 1.99	54.77 2.50 0.77	57.00 2.66 0.00	65.21 3.64 0.00	69.37 5.11 -6.62	106.35 8.71 -7.50	106.03 7.84 -9.93	98.19 6.23 0.00	65.55 3.86 0.00	71.95 3.30 0.03	51.42 2.08 0.00	49.86 2.46 0.00
BALL_HILL_WT_PWR 323825	45.39 1.01 0.00	32.71 0.04 0.00	27.88 -0.11 0.00	29.31 -0.30 0.00	29.55 -0.32 0.00	29.84 -0.17 0.00	30.64 -0.29 0.00	30.05 -0.47 0.00	27.65 -0.02 0.00	35.59 0.56 0.00	30.90 0.47 0.00	34.45 0.62 0.00	50.03 1.03 0.00	54.00 0.95 0.00	54.88 0.54 0.00	61.18 -0.40 0.00	64.02 -0.24 0.00	91.48 0.46 0.00	91.91 1.23 0.00	92.81 1.78 0.00	61.90 0.22 0.00	68.62 -0.06 0.00	49.27 -0.07 0.00	47.44 0.04 0.00
BARON_WINDS___WT_PWR 323822	45.20 0.81 0.00	32.52 -0.15 0.00	27.63 -0.35 0.00	29.05 -0.56 0.00	29.32 -0.55 0.00	29.65 -0.35 0.00	30.52 -0.41 0.00	29.79 -0.73 0.00	27.20 -0.48 0.00	34.70 -0.33 0.00	30.08 -0.35 0.00	33.41 -0.42 0.00	48.56 -0.45 0.00	52.40 -0.65 0.00	53.29 -1.05 0.00	59.76 -1.81 0.00	62.82 -1.44 0.00	90.16 -0.86 0.00	90.62 -0.07 0.00	92.23 1.20 0.00	62.12 0.43 0.00	68.63 -0.05 0.00	48.79 -0.55 0.00	46.69 -0.71 0.00
BARRETT_IC_1 23704	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_10 23701	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	80.10 7.37 18.30	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_11 23702	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	80.10 7.37 18.30	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_12 23703	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	80.10 7.37 18.30	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_2 23705	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_3 23706	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_4 23707	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_5 23708	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00

BARRETT_IC_6 23709	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_7 23710	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.38 1.38 0.00	32.13 1.21 0.00	31.56 1.04 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.20 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	100.07 7.48 -1.56	97.13 6.45 0.00	96.16 5.13 0.00	64.92 3.23 0.00	71.39 2.70 -0.01	84.86 1.75 -33.77	49.52 2.12 0.00
BARRETT_IC_8 23711	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT_IC_9 23700	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	80.10 7.37 18.30	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT___1 23545	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	99.96 7.37 -1.56	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BARRETT___2 23546	47.26 2.88 0.00	34.72 2.05 0.00	29.61 1.63 0.00	31.27 1.65 0.00	31.28 1.41 0.00	31.39 1.38 0.00	32.14 1.22 0.00	31.57 1.05 0.00	28.96 1.29 0.00	36.42 1.39 0.00	31.58 1.15 0.00	35.15 1.32 0.00	50.99 1.98 0.00	55.21 2.16 0.00	56.62 2.28 0.00	64.67 3.10 0.00	68.66 4.40 0.00	80.10 7.37 18.30	97.13 6.45 0.00	96.16 5.12 0.00	64.91 3.23 0.00	71.38 2.70 -0.01	84.87 1.76 -33.77	49.52 2.12 0.00
BATAVIA__115KV_TB1 55881	46.79 2.41 0.00	33.87 1.20 0.00	28.84 0.86 0.00	30.26 0.65 0.00	30.49 0.62 0.00	30.73 0.72 0.00	31.63 0.70 0.00	31.04 0.52 0.00	28.38 0.71 0.00	36.44 1.42 0.00	31.61 1.18 0.00	35.24 1.41 0.00	51.14 2.13 0.00	55.19 2.14 0.00	56.37 2.02 0.00	62.72 1.14 0.00	65.52 1.26 0.00	93.27 2.25 0.00	94.27 3.59 0.00	96.23 5.20 0.00	64.49 2.80 0.00	71.77 3.09 0.00	51.60 2.26 0.00	49.45 2.05 0.00
BAYONEEC___CTG1 323682	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG10 323750	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG2 323683	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG3 323684	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG4 323685	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG5 323686	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG6 323687	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG7 323688	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00

BAYONEEC___CTG8 323689	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BAYONEEC___CTG9 323749	47.19 2.80 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.58 1.71 0.00	31.70 1.69 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.77 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.50 2.49 0.00	55.57 2.53 0.00	56.81 2.47 0.00	64.74 3.17 0.00	68.77 4.51 0.00	98.76 7.74 0.00	97.79 7.10 0.00	96.98 5.95 0.00	65.44 3.76 0.00	71.70 3.02 0.00	51.29 1.95 0.00	49.56 2.16 0.00
BEACON___LESR 323632	45.42 1.04 0.00	33.68 1.01 0.00	28.96 0.98 0.00	30.68 1.07 0.00	30.92 1.05 0.00	31.03 1.03 0.00	31.89 0.96 0.00	31.32 0.80 0.00	28.47 0.80 0.00	35.65 0.62 0.00	30.84 0.42 0.00	34.29 0.46 0.00	49.45 0.45 0.00	53.44 0.39 0.00	55.02 0.68 0.00	62.72 1.14 0.00	65.99 1.73 0.00	94.77 3.75 0.00	94.25 3.56 0.00	93.73 2.69 0.00	63.35 1.67 0.00	69.95 1.28 0.00	49.87 0.53 0.00	47.92 0.52 0.00
BEAVER RIVER___HYD 24048	44.95 0.45 -0.12	32.92 0.25 0.00	28.02 0.04 0.00	29.66 0.05 0.00	29.83 -0.04 0.00	29.99 -0.02 0.00	30.89 -0.04 0.00	30.46 -0.07 0.00	27.79 0.11 0.00	35.37 0.34 0.00	30.75 0.32 0.00	33.95 0.12 0.00	49.18 0.17 0.00	53.26 0.16 -0.05	54.30 -0.04 0.00	62.92 0.29 -1.05	67.54 0.94 -2.34	93.90 0.90 -1.98	97.20 2.76 -3.76	106.15 5.38 -9.74	95.53 4.27 -29.58	148.75 5.23 -74.84	53.16 2.02 -1.80	49.73 0.66 -1.68
BEEBEE_GT_13 23619	45.72 1.34 0.00	33.27 0.61 0.00	28.38 0.40 0.00	29.86 0.24 0.00	30.07 0.20 0.00	30.27 0.26 0.00	31.19 0.26 0.00	30.68 0.15 0.00	28.05 0.38 0.00	35.96 0.94 0.00	31.29 0.87 0.00	34.93 1.10 0.00	50.68 1.67 0.00	54.85 1.81 0.00	56.02 1.68 0.00	62.78 1.20 0.00	65.70 1.44 0.00	93.37 2.34 0.00	93.66 2.97 0.00	94.88 3.85 0.00	63.61 1.93 0.00	70.76 2.08 0.00	50.76 1.42 0.00	48.66 1.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.62 3.24 0.00	35.18 2.51 0.00	30.07 2.09 0.00	31.81 2.19 0.00	31.87 2.00 0.00	32.01 2.00 0.00	32.79 1.86 0.00	32.22 1.70 0.00	29.56 1.89 0.00	37.13 2.10 0.00	32.52 2.10 0.00	36.06 2.23 0.00	51.97 2.96 0.00	56.06 3.02 0.00	57.21 2.97 0.11	64.93 3.70 0.35	69.30 5.05 0.00	99.54 8.52 0.01	98.59 7.91 0.00	97.76 6.72 0.00	66.02 4.33 0.00	72.30 3.62 0.00	51.72 2.38 0.00	50.00 2.60 0.00
BETHLEHEM___GRP 23843	44.67 0.28 0.00	33.20 0.53 0.00	28.63 0.65 0.00	30.36 0.75 0.00	30.59 0.72 0.00	30.69 0.69 0.00	31.53 0.61 0.00	30.99 0.47 0.00	28.08 0.41 0.00	35.17 0.14 0.00	30.32 -0.11 0.00	33.60 -0.23 0.00	48.56 -0.45 0.00	52.50 -0.55 0.00	54.08 -0.26 0.00	61.57 0.00 0.00	64.75 0.49 0.00	92.73 1.70 0.00	92.14 1.46 0.00	91.73 0.69 0.00	62.18 0.49 0.00	68.62 -0.06 0.00	49.01 -0.33 0.00	47.20 -0.20 0.00
BETHLEHEM___GS1 323560	44.67 0.28 0.00	33.19 0.53 0.00	28.63 0.65 0.00	30.36 0.75 0.00	30.59 0.72 0.00	30.69 0.69 0.00	31.54 0.61 0.00	31.00 0.48 0.00	28.08 0.41 0.00	35.17 0.14 0.00	30.32 -0.11 0.00	33.59 -0.23 0.00	48.56 -0.45 0.00	52.50 -0.55 0.00	54.08 -0.26 0.00	61.57 0.00 0.00	64.75 0.49 0.00	92.73 1.70 0.00	92.14 1.46 0.00	91.73 0.70 0.00	62.18 0.49 0.00	68.62 -0.06 0.00	49.02 -0.32 0.00	47.20 -0.20 0.00
BETHLEHEM___GS2 323561	44.67 0.28 0.00	33.19 0.53 0.00	28.63 0.65 0.00	30.36 0.75 0.00	30.59 0.72 0.00	30.69 0.69 0.00	31.54 0.61 0.00	31.00 0.48 0.00	28.08 0.41 0.00	35.17 0.14 0.00	30.32 -0.11 0.00	33.59 -0.23 0.00	48.56 -0.45 0.00	52.50 -0.55 0.00	54.08 -0.26 0.00	61.57 0.00 0.00	64.75 0.49 0.00	92.73 1.70 0.00	92.14 1.46 0.00	91.73 0.70 0.00	62.18 0.49 0.00	68.62 -0.06 0.00	49.02 -0.32 0.00	47.20 -0.20 0.00
BETHLEHEM___GS3 323562	44.67 0.28 0.00	33.19 0.53 0.00	28.63 0.65 0.00	30.36 0.75 0.00	30.59 0.72 0.00	30.69 0.69 0.00	31.54 0.61 0.00	31.00 0.48 0.00	28.08 0.41 0.00	35.17 0.14 0.00	30.32 -0.11 0.00	33.59 -0.23 0.00	48.56 -0.45 0.00	52.50 -0.55 0.00	54.08 -0.26 0.00	61.57 0.00 0.00	64.75 0.49 0.00	92.73 1.70 0.00	92.14 1.46 0.00	91.73 0.70 0.00	62.18 0.49 0.00	68.62 -0.06 0.00	49.02 -0.32 0.00	47.20 -0.20 0.00
BETHLEHEM___STEEL 23779	45.47 1.09 0.00	32.85 0.18 0.00	28.00 0.02 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.91 -0.10 0.00	30.78 -0.15 0.00	30.20 -0.33 0.00	27.72 0.04 0.00	35.69 0.66 0.00	30.98 0.55 0.00	34.51 0.68 0.00	50.02 1.01 0.00	53.99 0.95 0.00	54.92 0.57 0.00	61.07 -0.50 0.00	63.85 -0.41 0.00	90.88 -0.14 0.00	91.63 0.95 0.00	92.86 1.82 0.00	62.01 0.33 0.00	68.97 0.29 0.00	49.67 0.34 0.00	47.79 0.39 0.00
BETHLHEM_115KV_TB1 79974	44.80 0.41 0.00	33.25 0.59 0.00	28.66 0.68 0.00	30.38 0.77 0.00	30.62 0.75 0.00	30.72 0.71 0.00	31.57 0.64 0.00	31.03 0.50 0.00	28.11 0.44 0.00	35.23 0.20 0.00	30.41 -0.02 0.00	33.71 -0.12 0.00	48.71 -0.30 0.00	52.66 -0.39 0.00	54.22 -0.12 0.00	61.75 0.18 0.00	64.93 0.67 0.00	92.97 1.94 0.00	92.34 1.66 0.00	91.95 0.92 0.00	62.31 0.63 0.00	68.80 0.13 0.00	49.15 -0.18 0.00	47.33 -0.07 0.00
BETHPAGE_CC_5 323564	47.90 3.51 0.00	35.17 2.50 0.00	29.96 1.98 0.00	31.63 2.02 0.00	31.62 1.75 0.00	31.71 1.71 0.00	32.47 1.54 0.00	31.86 1.34 0.00	29.26 1.58 0.00	36.72 1.70 0.00	31.71 1.28 0.00	34.40 1.46 0.89	49.76 2.23 1.48	54.94 2.47 0.57	56.94 2.60 0.00	65.22 3.65 0.00	69.18 4.92 0.00	100.72 8.29 -1.41	100.16 7.19 -2.29	97.11 5.57 -0.51	65.10 3.42 0.00	71.51 2.85 0.02	52.12 1.80 -0.98	49.62 2.22 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.54 1.16 0.00	32.89 0.23 0.00	28.02 0.04 0.00	29.42 -0.19 0.00	29.64 -0.23 0.00	29.94 -0.07 0.00	30.81 -0.12 0.00	30.24 -0.29 0.00	27.77 0.09 0.00	35.75 0.73 0.00	31.04 0.61 0.00	34.60 0.77 0.00	50.17 1.16 0.00	54.16 1.12 0.00	55.08 0.74 0.00	61.27 -0.30 0.00	64.06 -0.20 0.00	91.24 0.22 0.00	92.01 1.32 0.00	93.18 2.15 0.00	62.24 0.55 0.00	69.17 0.50 0.00	49.80 0.46 0.00	47.88 0.48 0.00
BINGHAMTON___COGEN 23790	45.13 0.75 0.00	32.96 0.30 0.00	28.20 0.22 0.00	29.82 0.20 0.00	30.07 0.20 0.00	30.28 0.27 0.00	31.12 0.18 0.00	30.54 0.01 0.00	27.78 0.11 0.00	35.24 0.21 0.00	30.68 0.25 0.00	34.13 0.30 0.00	49.54 0.53 0.00	53.63 0.58 0.00	54.83 0.49 0.00	62.02 0.45 0.00	65.13 0.87 0.00	93.03 2.01 0.00	92.62 1.94 0.00	92.96 1.92 0.00	62.60 0.91 0.00	69.40 0.73 0.00	49.60 0.27 0.00	47.69 0.29 0.00

BIXINCNT_115KV_LOAD 355685	45.44 1.05 0.00	32.66 -0.01 0.00	27.68 -0.30 0.00	29.14 -0.48 0.00	29.40 -0.47 0.00	29.74 -0.26 0.00	30.51 -0.41 0.00	30.02 -0.50 0.00	27.72 0.05 0.00	35.59 0.57 0.00	30.77 0.34 0.00	34.33 0.50 0.00	50.02 1.02 0.00	53.88 0.83 0.00	54.57 0.23 0.00	60.84 -0.73 0.00	63.66 -0.60 0.00	91.01 -0.02 0.00	91.94 1.25 0.00	93.03 1.99 0.00	62.29 0.60 0.00	69.09 0.41 0.00	49.40 0.07 0.00	47.40 0.00 0.00
BLACK RIVER___HYD 24047	45.48 0.88 -0.21	33.21 0.54 0.00	28.21 0.23 0.00	29.83 0.22 0.00	30.03 0.17 0.00	30.21 0.20 0.00	31.12 0.19 0.00	30.63 0.10 0.00	27.97 0.30 0.00	35.65 0.62 0.00	31.13 0.70 0.00	34.17 0.34 0.00	49.36 0.36 0.00	53.49 0.36 -0.09	54.48 0.14 0.00	64.16 0.69 -1.89	70.19 1.72 -4.22	96.82 2.22 -3.58	101.86 4.40 -6.78	110.33 7.74 -11.56	90.76 5.88 -23.19	130.50 6.96 -54.86	55.56 2.99 -3.24	51.68 1.26 -3.02
BLACKRVR_115KV_TB2 79977	45.48 0.88 -0.21	33.21 0.54 0.00	28.21 0.22 0.00	29.83 0.22 0.00	30.03 0.16 0.00	30.21 0.20 0.00	31.13 0.20 0.00	30.63 0.11 0.00	27.97 0.30 0.00	35.65 0.62 0.00	31.13 0.70 0.00	34.17 0.34 0.00	49.36 0.36 0.00	53.49 0.36 -0.09	54.48 0.14 0.00	64.16 0.69 -1.89	70.20 1.72 -4.22	96.82 2.22 -3.58	101.86 4.40 -6.78	110.34 7.74 -11.56	90.75 5.87 -23.19	130.49 6.95 -54.86	55.58 3.00 -3.24	51.68 1.26 -3.02
BLDWN_LI_69_KV_BK4 356085	47.88 3.49 0.00	35.14 2.47 0.00	29.94 1.96 0.00	31.60 1.99 0.00	31.61 1.74 0.00	31.72 1.71 0.00	32.47 1.53 0.00	31.89 1.36 0.00	29.27 1.60 0.00	36.82 1.79 0.00	31.92 1.49 0.00	35.55 1.72 0.00	51.60 2.59 0.00	55.89 2.84 0.00	57.33 2.99 0.00	65.40 3.83 0.00	69.48 5.22 0.00	99.74 8.72 0.00	98.23 7.55 0.00	97.16 6.13 0.00	65.55 3.86 0.00	72.32 3.64 0.00	61.23 2.33 -9.57	50.04 2.64 0.00
BLISS_WT_PWR 323608	45.34 0.95 0.00	32.54 -0.13 0.00	27.54 -0.45 0.00	29.00 -0.61 0.00	29.26 -0.61 0.00	29.62 -0.38 0.00	30.34 -0.59 0.00	29.89 -0.63 0.00	27.66 -0.01 0.00	35.52 0.49 0.00	30.68 0.25 0.00	34.25 0.42 0.00	49.96 0.95 0.00	53.76 0.71 0.00	54.43 0.08 0.00	60.70 -0.87 0.00	63.48 -0.78 0.00	90.83 -0.20 0.00	91.80 1.12 0.00	92.97 1.94 0.00	62.28 0.60 0.00	69.02 0.34 0.00	49.26 -0.08 0.00	47.25 -0.14 0.00
BLUESTONE___WT_PWR 323821	45.44 1.06 0.00	33.19 0.53 0.00	28.68 0.69 0.00	30.27 0.66 0.00	30.16 0.29 0.00	30.31 0.30 0.00	31.36 0.43 0.00	31.24 0.71 0.00	28.70 1.03 0.00	36.57 1.54 0.00	31.83 1.40 0.00	35.43 1.60 0.00	51.21 2.20 0.00	55.00 1.96 0.00	55.92 1.58 0.00	63.41 1.84 0.00	67.19 2.93 0.00	96.57 5.54 0.00	96.60 5.92 0.00	96.91 5.88 0.00	64.62 2.94 0.00	70.38 1.70 0.00	50.00 0.66 0.00	48.16 0.76 0.00
BLUE_CIRC_CHEM_DRP 24182	45.26 0.87 0.00	33.52 0.85 0.00	28.83 0.85 0.00	30.58 0.96 0.00	30.82 0.96 0.00	30.94 0.94 0.00	31.81 0.88 0.00	31.22 0.70 0.00	28.22 0.55 0.00	35.35 0.33 0.00	30.57 0.14 0.00	33.81 -0.02 0.00	48.73 -0.28 0.00	51.98 -1.07 0.00	53.51 -0.83 0.00	60.92 -0.66 0.00	64.02 -0.24 0.00	91.55 0.52 0.00	91.06 0.37 0.00	90.91 -0.12 0.00	61.67 -0.01 0.00	68.19 -0.49 0.00	48.74 -0.60 0.00	46.92 -0.48 0.00
BOC_GAS_DRP 24189	45.10 0.71 0.00	33.36 0.69 0.00	28.66 0.68 0.00	30.39 0.78 0.00	30.63 0.76 0.00	30.75 0.74 0.00	31.60 0.67 0.00	31.06 0.54 0.00	28.13 0.46 0.00	35.34 0.31 0.00	30.65 0.21 0.00	33.98 0.16 0.00	49.14 0.13 0.00	53.09 0.04 0.00	54.58 0.23 0.00	62.10 0.52 0.00	65.27 1.01 0.00	93.33 2.30 0.00	92.66 1.97 0.00	92.33 1.30 0.00	62.58 0.90 0.00	69.14 0.46 0.00	49.46 0.12 0.00	47.63 0.23 0.00
BOONVILLE_115KV_TB1 79983	45.31 0.93 0.00	33.28 0.61 0.00	28.41 0.43 0.00	30.06 0.45 0.00	30.27 0.40 0.00	30.41 0.41 0.00	31.32 0.39 0.00	30.87 0.35 0.00	28.06 0.39 0.00	35.63 0.60 0.00	30.97 0.54 0.00	34.37 0.54 0.00	49.91 0.90 0.00	54.09 1.05 0.00	55.29 0.95 0.00	62.89 1.32 0.00	66.09 1.83 0.00	93.84 2.81 0.00	94.55 3.86 0.00	98.09 5.02 -2.03	75.47 3.57 -10.22	99.81 3.97 -27.16	51.14 1.80 0.00	48.46 1.06 0.00
BORALEX_4TH_BRANCH 23824	46.04 1.65 0.00	34.02 1.35 0.00	29.09 1.11 0.00	30.93 1.32 0.00	31.18 1.31 0.00	31.27 1.27 0.00	32.15 1.22 0.00	31.57 1.05 0.00	28.65 0.97 0.00	35.72 0.70 0.00	31.03 0.60 0.00	34.35 0.52 0.00	49.58 0.57 0.00	53.72 0.67 0.00	55.68 1.33 0.00	63.60 2.02 0.00	66.85 2.59 0.00	96.31 5.28 0.00	95.51 4.83 0.00	94.75 3.72 0.00	64.27 2.58 0.00	70.82 2.14 0.00	50.59 1.25 0.00	48.81 1.41 0.00
BOWLINE___1 23526	46.69 2.31 0.00	34.44 1.77 0.00	29.46 1.48 0.00	31.16 1.55 0.00	31.27 1.41 0.00	31.41 1.40 0.00	32.21 1.28 0.00	31.62 1.10 0.00	28.88 1.21 0.00	36.34 1.32 0.00	31.74 1.31 0.00	35.20 1.37 0.00	50.90 1.89 0.00	55.01 1.97 0.00	56.40 2.06 0.00	64.28 2.71 0.00	68.11 3.85 0.00	97.70 6.67 0.00	96.86 6.17 0.00	96.07 5.04 0.00	64.84 3.16 0.00	71.14 2.46 0.00	50.83 1.49 0.00	49.07 1.67 0.00
BOWLINE___2 23595	46.63 2.25 0.00	34.40 1.73 0.00	29.45 1.46 0.00	31.16 1.55 0.00	31.27 1.41 0.00	31.40 1.40 0.00	32.19 1.27 0.00	31.61 1.09 0.00	28.88 1.20 0.00	36.32 1.29 0.00	31.70 1.27 0.00	35.14 1.32 0.00	50.82 1.81 0.00	54.93 1.88 0.00	56.32 1.97 0.00	64.16 2.59 0.00	68.01 3.75 0.00	97.53 6.50 0.00	96.68 6.00 0.00	95.91 4.88 0.00	64.74 3.06 0.00	71.02 2.34 0.00	50.76 1.42 0.00	48.99 1.59 0.00
BRADY___115KV_TB2 356060	44.72 0.34 0.00	32.94 0.27 0.00	28.18 0.20 0.00	29.75 0.14 0.00	30.05 0.18 0.00	30.20 0.20 0.00	31.24 0.31 0.00	30.96 0.43 0.00	28.04 0.37 0.00	35.45 0.43 0.00	30.76 0.33 0.00	34.22 0.39 0.00	49.50 0.49 0.00	53.55 0.50 0.00	54.55 0.20 0.00	61.47 -0.10 0.00	63.34 -0.92 0.00	87.94 -3.08 0.00	88.23 -2.46 0.00	109.46 -0.43 -18.85	150.43 0.54 -88.20	268.07 1.61 -197.77	50.70 1.35 -0.01	48.47 1.07 0.00
BRANSCOMB___SOLAR 323811	46.51 2.13 0.00	34.30 1.63 0.00	29.36 1.37 0.00	31.09 1.48 0.00	31.34 1.47 0.00	31.44 1.43 0.00	32.34 1.41 0.00	31.76 1.23 0.00	28.75 1.08 0.00	36.03 1.00 0.00	31.22 0.79 0.00	34.62 0.79 0.00	50.12 1.11 0.00	54.41 1.37 0.00	56.30 1.96 0.00	64.30 2.73 0.00	67.69 3.43 0.00	97.20 6.17 0.00	96.91 6.22 0.00	96.73 5.69 0.00	65.58 3.89 0.00	72.28 3.60 0.00	51.54 2.20 0.00	49.50 2.10 0.00
BRDGHMPT_69_KV_BK1 55812	48.49 4.10 0.00	35.50 2.84 0.00	30.17 2.19 0.00	31.78 2.17 0.00	31.69 1.83 0.00	31.73 1.72 0.00	32.47 1.54 0.00	31.90 1.38 0.00	29.52 1.85 0.00	37.25 2.23 0.00	32.16 1.73 0.00	34.50 2.19 1.53	49.89 3.43 2.55	55.83 3.77 0.98	58.26 3.92 0.00	66.74 5.16 0.00	71.27 7.01 0.00	213.15 11.50 -110.62	231.64 9.97 -130.99	128.45 8.35 -29.07	66.64 4.95 0.00	73.05 4.42 0.05	50.24 2.69 1.79	50.33 2.93 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	48.28 3.90 0.00	35.43 2.76 0.00	30.17 2.19 0.00	31.83 2.22 0.00	31.78 1.91 0.00	31.87 1.86 0.00	32.60 1.67 0.00	31.96 1.44 0.00	29.38 1.71 0.00	36.92 1.89 0.00	31.82 1.39 0.00	33.47 1.57 1.93	48.22 2.43 3.22	54.50 2.70 1.24	57.15 2.81 0.00	65.14 3.57 0.00	69.42 5.16 0.00	122.40 8.86 -22.52	125.69 7.74 -27.26	102.84 5.80 -6.01	65.34 3.66 0.00	71.80 3.18 0.06	49.94 2.11 1.51	49.95 2.55 0.00
BRISTLHL_115KV_TB1 79998	44.60 -0.32 -0.53	32.30 -0.36 0.00	27.63 -0.35 0.00	29.22 -0.39 0.00	29.44 -0.43 0.00	29.59 -0.42 0.00	30.45 -0.48 0.00	29.98 -0.54 0.00	27.25 -0.43 0.00	34.56 -0.47 0.00	30.08 -0.35 0.00	33.47 -0.36 0.00	48.54 -0.47 0.00	52.83 -0.45 -0.23	53.83 -0.51 0.00	65.72 -0.56 -4.71	74.44 -0.31 -10.49	99.99 0.07 -8.89	107.82 0.28 -16.86	111.05 0.49 -19.52	73.75 0.12 -11.95	87.31 -0.11 -18.75	57.06 -0.33 -8.06	54.54 -0.37 -7.51
BROOKHAVEN___DRP 24191	48.07 3.69 0.00	35.25 2.59 0.00	30.00 2.02 0.00	31.65 2.03 0.00	31.59 1.72 0.00	31.66 1.65 0.00	32.39 1.46 0.00	31.76 1.24 0.00	29.26 1.59 0.00	36.80 1.78 0.00	31.71 1.28 0.00	33.84 1.51 1.50	48.87 2.37 2.51	54.70 2.62 0.97	57.06 2.72 0.00	65.33 3.75 0.00	69.58 5.32 0.00	210.11 9.12 -109.97	228.95 8.02 -130.25	126.27 6.31 -28.92	65.48 3.80 0.00	71.87 3.24 0.05	49.51 1.96 1.79	49.76 2.36 0.00
BROOKLYN_NAVY_YARD 23515	47.17 2.78 0.00	34.81 2.14 0.00	29.77 1.79 0.00	31.47 1.86 0.00	31.57 1.70 0.00	31.69 1.68 0.00	32.49 1.56 0.00	31.94 1.42 0.00	29.24 1.57 0.00	36.75 1.73 0.00	32.11 1.68 0.00	35.65 1.82 0.00	51.46 2.45 0.00	55.53 2.49 0.00	56.81 2.46 0.00	64.71 3.14 0.00	68.74 4.48 0.00	99.16 7.72 -0.42	97.80 7.11 0.00	97.00 5.97 0.00	65.44 3.75 0.00	71.71 3.03 0.00	51.31 1.97 0.00	49.56 2.16 0.00
BROOKLYN___ARMY_DRP 323595	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
BROOME_2_LFGE 323671	45.14 0.75 0.00	32.97 0.30 0.00	28.20 0.22 0.00	29.82 0.21 0.00	30.07 0.20 0.00	30.27 0.27 0.00	31.11 0.18 0.00	30.54 0.01 0.00	27.78 0.11 0.00	35.24 0.21 0.00	30.68 0.25 0.00	34.13 0.30 0.00	49.54 0.53 0.00	53.62 0.58 0.00	54.83 0.49 0.00	62.02 0.45 0.00	65.12 0.87 0.00	93.05 2.03 0.00	92.62 1.94 0.00	92.95 1.92 0.00	62.61 0.93 0.00	69.40 0.73 0.00	49.59 0.25 0.00	47.69 0.28 0.00
BROOME___LFGE 323600	45.14 0.75 0.00	32.97 0.30 0.00	28.20 0.22 0.00	29.82 0.21 0.00	30.07 0.20 0.00	30.27 0.27 0.00	31.11 0.18 0.00	30.54 0.01 0.00	27.78 0.11 0.00	35.24 0.21 0.00	30.68 0.25 0.00	34.13 0.30 0.00	49.54 0.53 0.00	53.62 0.58 0.00	54.83 0.49 0.00	62.02 0.45 0.00	65.12 0.87 0.00	93.05 2.03 0.00	92.62 1.94 0.00	92.95 1.92 0.00	62.61 0.93 0.00	69.40 0.73 0.00	49.59 0.25 0.00	47.69 0.28 0.00
BROWNFLS_115KV_TB 3_5 80003	44.66 0.20 -0.08	32.77 0.10 0.00	27.96 -0.02 0.00	29.56 -0.05 0.00	29.78 -0.08 0.00	29.94 -0.06 0.00	30.90 -0.03 0.00	30.48 -0.04 0.00	27.76 0.09 0.00	35.28 0.26 0.00	30.63 0.20 0.00	33.93 0.10 0.00	49.15 0.14 0.00	53.16 0.08 -0.03	54.19 -0.15 0.00	62.21 -0.07 -0.71	65.80 -0.04 -1.58	91.27 -1.10 -1.34	93.47 0.25 -2.54	106.25 2.55 -12.67	114.67 2.38 -50.60	204.06 3.46 -131.93	52.09 1.53 -1.22	49.15 0.62 -1.13
BROWNSV1_27_KV_LOAD 356125	47.77 3.38 0.00	35.24 2.57 0.00	30.12 2.14 0.00	31.83 2.22 0.00	31.92 2.05 0.00	32.03 2.02 0.00	32.84 1.91 0.00	32.30 1.77 0.00	29.58 1.91 0.00	37.21 2.19 0.00	32.54 2.11 0.00	36.16 2.33 0.00	52.23 3.23 0.00	56.38 3.34 0.00	57.68 3.33 0.00	65.75 4.17 0.00	69.81 5.55 0.00	100.27 9.25 0.00	99.34 8.65 0.00	98.55 7.51 0.00	66.47 4.78 0.00	72.87 4.19 0.00	52.07 2.74 0.00	50.31 2.91 0.00
BURROWS___LYONSDAL 23803	45.13 0.69 -0.05	33.09 0.43 0.00	28.24 0.25 0.00	29.89 0.27 0.00	30.07 0.20 0.00	30.23 0.22 0.00	31.13 0.20 0.00	30.69 0.16 0.00	27.92 0.25 0.00	35.49 0.46 0.00	30.85 0.42 0.00	34.19 0.36 0.00	49.64 0.63 0.00	53.79 0.72 -0.02	54.94 0.59 0.00	63.05 0.99 -0.49	66.90 1.55 -1.10	94.19 2.23 -0.93	95.94 3.49 -1.76	100.82 5.05 -4.73	80.10 3.71 -14.71	110.22 4.23 -37.31	51.90 1.71 -0.84	48.97 0.78 -0.79
CAITHNESS_CC_1 323624	48.04 3.66 0.00	35.25 2.59 0.00	30.01 2.03 0.00	31.66 2.04 0.00	31.60 1.73 0.00	31.68 1.67 0.00	32.41 1.48 0.00	31.79 1.27 0.00	29.26 1.58 0.00	36.78 1.76 0.00	31.69 1.26 0.00	33.84 1.48 1.47	48.86 2.32 2.47	54.65 2.55 0.95	56.98 2.64 0.00	65.22 3.65 0.00	69.44 5.18 0.00	209.15 8.81 -109.32	228.00 7.80 -129.52	125.92 6.10 -28.78	65.36 3.67 0.00	71.73 3.10 0.05	49.43 1.90 1.80	49.71 2.31 0.00
CALPINE BETH_PAGE_GT4 24209	47.86 3.48 0.00	35.14 2.47 0.00	29.94 1.96 0.00	31.61 1.99 0.00	31.60 1.74 0.00	31.70 1.69 0.00	32.45 1.52 0.00	31.85 1.33 0.00	29.25 1.58 0.00	36.74 1.72 0.00	31.69 1.26 0.00	34.74 1.44 0.53	50.31 2.19 0.89	55.12 2.42 0.34	56.90 2.56 0.00	65.10 3.53 0.00	69.10 4.84 0.00	100.31 8.28 -1.01	99.55 7.17 -1.71	96.99 5.57 -0.38	65.12 3.43 0.00	71.58 2.90 0.00	53.33 1.80 -2.20	49.61 2.21 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.86 3.48 0.00	35.14 2.47 0.00	29.94 1.96 0.00	31.61 1.99 0.00	31.60 1.74 0.00	31.70 1.69 0.00	32.46 1.52 0.00	31.86 1.33 0.00	29.25 1.57 0.00	36.74 1.71 0.00	31.69 1.26 0.00	34.74 1.44 0.53	50.31 2.19 0.89	55.13 2.43 0.34	56.90 2.56 0.00	65.10 3.53 0.00	69.11 4.85 0.00	100.24 8.20 -1.01	99.55 7.16 -1.71	97.00 5.58 -0.38	65.11 3.43 0.00	71.58 2.90 0.00	53.35 1.82 -2.20	49.61 2.21 0.00
CALPINE_BP_GT1 23823	47.86 3.48 0.00	35.14 2.47 0.00	29.94 1.96 0.00	31.61 1.99 0.00	31.60 1.74 0.00	31.70 1.69 0.00	32.46 1.52 0.00	31.86 1.33 0.00	29.25 1.57 0.00	36.74 1.71 0.00	31.69 1.26 0.00	34.74 1.44 0.53	50.31 2.19 0.89	55.13 2.43 0.34	56.90 2.56 0.00	65.10 3.53 0.00	69.11 4.85 0.00	100.24 8.20 -1.01	99.55 7.16 -1.71	97.00 5.58 -0.38	65.11 3.43 0.00	71.58 2.90 0.00	53.35 1.82 -2.20	49.61 2.21 0.00
CALSPAN___DRP 24200	45.47 1.09 0.00	32.85 0.18 0.00	28.00 0.02 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.91 -0.10 0.00	30.78 -0.15 0.00	30.20 -0.33 0.00	27.72 0.04 0.00	35.69 0.66 0.00	30.98 0.55 0.00	34.51 0.68 0.00	50.02 1.01 0.00	53.99 0.95 0.00	54.92 0.57 0.00	61.07 -0.50 0.00	63.85 -0.41 0.00	90.88 -0.14 0.00	91.63 0.95 0.00	92.86 1.82 0.00	62.01 0.33 0.00	68.97 0.29 0.00	49.67 0.34 0.00	47.79 0.39 0.00

CALVERTON___SOLAR 323806	48.12 3.73 0.00	35.29 2.62 0.00	30.02 2.04 0.00	31.66 2.04 0.00	31.59 1.73 0.00	31.67 1.66 0.00	32.40 1.47 0.00	31.78 1.26 0.00	29.29 1.61 0.00	36.84 1.81 0.00	31.75 1.32 0.00	33.90 1.58 1.51	48.97 2.49 2.52	54.84 2.77 0.98	57.20 2.85 0.00	65.52 3.94 0.00	69.83 5.57 0.00	210.66 9.39 -110.24	229.62 8.35 -130.58	126.68 6.65 -29.00	65.67 3.99 0.00	72.06 3.43 0.05	49.63 2.09 1.79	49.84 2.44 0.00
CANDIGU_WT_PWR 323617	45.20 0.81 0.00	32.52 -0.15 0.00	27.63 -0.35 0.00	29.05 -0.56 0.00	29.32 -0.55 0.00	29.65 -0.35 0.00	30.52 -0.41 0.00	29.79 -0.73 0.00	27.20 -0.48 0.00	34.70 -0.33 0.00	30.08 -0.35 0.00	33.41 -0.42 0.00	48.56 -0.45 0.00	52.40 -0.65 0.00	53.29 -1.05 0.00	59.76 -1.81 0.00	62.82 -1.44 0.00	90.16 -0.86 0.00	90.62 -0.07 0.00	92.23 1.20 0.00	62.12 0.43 0.00	68.63 -0.05 0.00	48.79 -0.55 0.00	46.69 -0.71 0.00
CARR STREET_E_SYR 24060	44.49 0.11 0.00	32.60 -0.07 0.00	27.88 -0.11 0.00	29.49 -0.13 0.00	29.70 -0.17 0.00	29.85 -0.16 0.00	30.71 -0.22 0.00	30.23 -0.29 0.00	27.47 -0.20 0.00	34.87 -0.16 0.00	30.35 -0.07 0.00	33.79 -0.04 0.00	49.04 0.03 0.00	53.12 0.07 0.00	54.37 0.02 0.00	61.65 0.07 0.00	64.69 0.43 0.00	92.21 1.18 0.00	92.02 1.34 0.00	92.37 1.33 0.00	62.84 0.57 -0.58	73.85 0.37 -4.80	49.35 0.01 0.00	47.44 0.04 0.00
CARTHAGE___PAPER 23857	45.45 0.89 -0.18	33.22 0.55 0.00	28.26 0.28 0.00	29.90 0.29 0.00	30.09 0.22 0.00	30.25 0.24 0.00	31.17 0.24 0.00	30.70 0.18 0.00	28.00 0.33 0.00	35.64 0.61 0.00	31.01 0.58 0.00	34.14 0.31 0.00	49.41 0.40 0.00	53.50 0.38 -0.08	54.52 0.17 0.00	63.74 0.60 -1.57	69.17 1.43 -3.49	95.69 1.71 -2.96	100.13 3.84 -5.61	108.87 6.98 -10.86	92.75 5.40 -25.66	137.78 6.51 -62.59	54.83 2.81 -2.68	51.14 1.23 -2.50
CASSADAGA_WT_PWR 323784	45.52 1.14 0.00	32.63 -0.04 0.00	27.80 -0.18 0.00	29.30 -0.31 0.00	29.48 -0.38 0.00	29.74 -0.26 0.00	30.47 -0.46 0.00	30.02 -0.50 0.00	27.87 0.20 0.00	36.05 1.02 0.00	31.34 0.91 0.00	35.02 1.20 0.00	51.01 2.01 0.00	55.02 1.98 0.00	55.79 1.44 0.00	62.35 0.77 0.00	65.38 1.12 0.00	93.98 2.95 0.00	94.40 3.72 0.00	94.74 3.71 0.00	62.94 1.25 0.00	69.01 0.33 0.00	49.13 -0.20 0.00	47.05 -0.35 0.00
CE_DUNWOOD___DRP 24194	46.97 2.58 0.00	34.64 1.97 0.00	29.63 1.64 0.00	31.33 1.72 0.00	31.45 1.58 0.00	31.57 1.56 0.00	32.37 1.44 0.00	31.80 1.28 0.00	29.07 1.39 0.00	36.56 1.53 0.00	31.92 1.49 0.00	35.43 1.60 0.00	51.20 2.20 0.00	55.32 2.28 0.00	56.69 2.35 0.00	64.64 3.06 0.00	68.52 4.27 0.00	98.36 7.33 0.00	97.46 6.78 0.00	96.70 5.66 0.00	65.26 3.57 0.00	71.59 2.91 0.00	51.13 1.80 0.00	49.37 1.97 0.00
CE_MILLWOOD___DRP 24193	46.86 2.47 0.00	34.56 1.89 0.00	29.55 1.57 0.00	31.26 1.65 0.00	31.39 1.52 0.00	31.50 1.50 0.00	32.30 1.38 0.00	31.74 1.21 0.00	29.00 1.33 0.00	36.48 1.46 0.00	31.84 1.41 0.00	35.33 1.50 0.00	51.08 2.07 0.00	55.20 2.16 0.00	56.57 2.23 0.00	64.50 2.93 0.00	68.36 4.10 0.00	98.14 7.12 0.00	97.24 6.56 0.00	96.47 5.44 0.00	65.11 3.42 0.00	71.43 2.75 0.00	51.02 1.69 0.00	49.27 1.87 0.00
CE_NYC2_DRP 24202	47.09 2.71 0.00	34.88 2.21 0.00	29.85 1.87 0.00	31.60 1.98 0.00	31.68 1.81 0.00	31.81 1.80 0.00	32.61 1.68 0.00	32.04 1.51 0.00	29.38 1.71 0.00	36.85 1.83 0.00	32.27 1.85 0.00	35.76 1.93 0.00	51.46 2.45 0.00	55.39 2.34 0.00	55.89 2.20 0.65	62.88 2.83 1.52	67.94 4.13 0.45	69.12 7.17 29.08	88.84 6.56 8.40	95.77 5.40 0.66	65.15 3.46 0.00	71.08 2.63 0.23	50.94 1.67 0.06	49.37 1.97 0.00
CE_NYC_DRP 24195	47.28 2.89 0.00	34.89 2.22 0.00	29.84 1.85 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.76 1.76 0.00	32.57 1.64 0.00	32.02 1.50 0.00	29.32 1.65 0.00	36.86 1.84 0.00	32.22 1.79 0.00	35.76 1.93 0.00	51.64 2.63 0.00	55.73 2.68 0.00	57.01 2.67 0.00	64.96 3.39 0.00	68.99 4.74 0.00	99.07 8.05 0.00	98.11 7.43 0.00	97.33 6.29 0.00	65.65 3.96 0.00	71.94 3.26 0.00	51.43 2.09 0.00	49.69 2.28 0.00
CHAFFEE___LFGE 323603	45.63 1.25 0.00	32.95 0.28 0.00	28.12 0.14 0.00	29.51 -0.11 0.00	29.72 -0.15 0.00	30.00 -0.01 0.00	30.84 -0.08 0.00	30.29 -0.24 0.00	27.83 0.15 0.00	35.81 0.78 0.00	31.10 0.67 0.00	34.66 0.84 0.00	50.27 1.26 0.00	54.27 1.23 0.00	55.23 0.89 0.00	61.45 -0.12 0.00	64.27 0.01 0.00	91.57 0.54 0.00	92.35 1.67 0.00	93.51 2.47 0.00	62.43 0.75 0.00	69.43 0.75 0.00	49.93 0.59 0.00	48.01 0.61 0.00
CHATEAUG_35_KV_LOAD 355732	43.17 -1.21 0.00	31.93 -0.74 0.00	27.39 -0.60 0.00	28.85 -0.77 0.00	29.22 -0.65 0.00	29.41 -0.59 0.00	30.49 -0.44 0.00	30.17 -0.36 0.00	27.40 -0.28 0.00	34.72 -0.31 0.00	29.90 -0.53 0.00	33.36 -0.47 0.00	48.40 -0.61 0.00	52.23 -0.82 0.00	52.98 -1.36 0.00	59.60 -1.98 0.00	61.43 -2.83 0.00	85.92 -5.10 0.00	86.38 -4.30 0.00	89.49 -2.85 -1.30	58.83 -1.55 1.31	20.30 -1.04 47.35	48.93 -0.41 0.00	46.98 -0.42 0.00
CHATEAUG_WT_PWR 323614	43.20 -1.18 0.00	31.93 -0.74 0.00	27.40 -0.59 0.00	28.88 -0.73 0.00	29.25 -0.62 0.00	29.43 -0.58 0.00	30.51 -0.42 0.00	30.22 -0.30 0.00	27.42 -0.25 0.00	34.74 -0.28 0.00	29.93 -0.50 0.00	33.37 -0.46 0.00	48.42 -0.59 0.00	52.24 -0.80 0.00	52.96 -1.38 0.00	59.57 -2.00 0.00	61.46 -2.80 0.00	86.05 -4.97 0.00	86.34 -4.34 0.00	88.01 -3.02 0.00	56.46 -1.70 3.52	38.39 -1.28 29.01	48.74 -0.59 0.00	46.84 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	43.17 -1.21 0.00	31.93 -0.74 0.00	27.39 -0.60 0.00	28.85 -0.77 0.00	29.22 -0.65 0.00	29.41 -0.59 0.00	30.49 -0.44 0.00	30.17 -0.36 0.00	27.40 -0.28 0.00	34.72 -0.31 0.00	29.90 -0.53 0.00	33.36 -0.47 0.00	48.40 -0.61 0.00	52.23 -0.82 0.00	52.98 -1.36 0.00	59.60 -1.98 0.00	61.43 -2.83 0.00	85.92 -5.10 0.00	86.38 -4.30 0.00	89.49 -2.85 -1.30	58.83 -1.55 1.31	20.30 -1.04 47.35	48.93 -0.41 0.00	46.98 -0.42 0.00
CHAUTAUQUA___LFGE 323629	45.54 1.16 0.00	32.72 0.05 0.00	27.89 -0.09 0.00	29.36 -0.25 0.00	29.59 -0.27 0.00	29.89 -0.12 0.00	30.64 -0.28 0.00	30.07 -0.45 0.00	27.73 0.06 0.00	35.75 0.72 0.00	31.08 0.65 0.00	34.67 0.84 0.00	50.45 1.44 0.00	54.47 1.43 0.00	55.32 0.98 0.00	61.76 0.19 0.00	64.66 0.40 0.00	92.66 1.63 0.00	93.00 2.31 0.00	93.71 2.68 0.00	62.40 0.72 0.00	68.95 0.27 0.00	49.34 0.00 0.00	47.44 0.04 0.00
CHERRYST_13_KV_LD 356241	47.42 3.03 0.00	34.99 2.32 0.00	29.92 1.94 0.00	31.62 2.01 0.00	31.72 1.85 0.00	31.83 1.83 0.00	32.65 1.72 0.00	32.10 1.58 0.00	29.40 1.73 0.00	36.98 1.95 0.00	32.32 1.89 0.00	35.89 2.06 0.00	51.83 2.82 0.00	55.94 2.90 0.00	57.23 2.88 0.00	65.21 3.64 0.00	69.25 4.99 0.00	99.45 8.43 0.00	98.47 7.79 0.00	97.71 6.67 0.00	65.89 4.21 0.00	72.24 3.56 0.00	51.63 2.29 0.00	49.87 2.47 0.00

CHESTROR_138KV_BK263 355645	46.47 2.08 0.00	34.25 1.58 0.00	29.29 1.31 0.00	30.99 1.38 0.00	31.13 1.26 0.00	31.26 1.25 0.00	32.07 1.14 0.00	31.51 0.99 0.00	28.72 1.05 0.00	36.17 1.15 0.00	31.56 1.14 0.00	35.04 1.21 0.00	50.67 1.66 0.00	54.77 1.73 0.00	56.18 1.83 0.00	64.00 2.42 0.00	67.72 3.46 0.00	97.11 6.08 0.00	96.34 5.66 0.00	95.76 4.72 0.00	64.66 2.97 0.00	71.03 2.35 0.00	50.73 1.39 0.00	48.93 1.53 0.00
CH_MIDHUDSON___DRP 24192	46.74 2.35 0.00	34.46 1.79 0.00	29.49 1.51 0.00	31.21 1.60 0.00	31.36 1.49 0.00	31.48 1.47 0.00	32.30 1.38 0.00	31.75 1.23 0.00	28.95 1.28 0.00	36.43 1.40 0.00	31.79 1.36 0.00	35.31 1.48 0.00	51.06 2.05 0.00	55.20 2.16 0.00	56.67 2.33 0.00	64.67 3.09 0.00	68.47 4.21 0.00	98.33 7.31 0.00	97.51 6.83 0.00	96.80 5.77 0.00	65.33 3.64 0.00	71.68 3.00 0.00	51.12 1.78 0.00	49.31 1.91 0.00
CH_MISC_IPPS 23765	47.07 2.69 0.00	34.68 2.02 0.00	29.67 1.69 0.00	31.40 1.78 0.00	31.55 1.68 0.00	31.67 1.66 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.15 1.48 0.00	36.70 1.68 0.00	32.06 1.63 0.00	35.63 1.80 0.00	51.56 2.55 0.00	55.74 2.70 0.00	57.18 2.84 0.00	65.25 3.68 0.00	69.12 4.87 0.00	99.28 8.26 0.00	98.50 7.81 0.00	97.80 6.77 0.00	65.94 4.26 0.00	72.34 3.66 0.00	51.57 2.23 0.00	49.69 2.29 0.00
CH_RES_BVR_FALLS 23983	43.74 -0.65 0.00	32.23 -0.44 0.00	27.60 -0.38 0.00	29.22 -0.39 0.00	29.48 -0.39 0.00	29.61 -0.39 0.00	30.61 -0.32 0.00	30.28 -0.24 0.00	27.51 -0.17 0.00	34.87 -0.16 0.00	30.24 -0.19 0.00	33.62 -0.21 0.00	48.74 -0.27 0.00	52.75 -0.29 0.00	53.96 -0.39 0.00	61.04 -0.54 0.00	63.43 -0.83 0.00	89.44 -1.58 0.00	89.33 -1.35 0.00	90.13 -0.90 0.00	60.50 -0.50 0.68	62.55 -0.50 5.62	48.88 -0.45 0.00	46.87 -0.53 0.00
CH_RES_NIAGARA 23895	44.23 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.87 -0.74 0.00	29.07 -0.80 0.00	29.33 -0.67 0.00	30.22 -0.71 0.00	29.53 -1.00 0.00	27.02 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.25 0.00	48.45 -0.56 0.00	52.24 -0.80 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.31 -2.95 0.00	86.78 -4.25 0.00	87.57 -3.11 0.00	89.06 -1.97 0.00	59.49 -2.20 0.00	66.41 -2.27 0.00	48.20 -1.14 0.00	46.77 -0.63 0.00
CH_RES_SYRACUSE 23985	44.95 0.36 -0.21	32.78 0.11 0.00	28.02 0.04 0.00	29.64 0.03 0.00	29.87 0.00 0.00	30.01 0.01 0.00	30.89 -0.04 0.00	30.39 -0.13 0.00	27.63 -0.05 0.00	35.05 0.02 0.00	30.52 0.09 0.00	33.96 0.13 0.00	49.29 0.28 0.00	53.50 0.36 -0.09	54.69 0.34 0.00	63.87 0.41 -1.88	69.21 0.75 -4.19	96.23 1.65 -3.55	99.24 1.82 -6.74	100.86 2.02 -7.80	67.83 1.14 -5.01	79.08 1.00 -9.41	52.97 0.41 -3.22	50.73 0.33 -3.00
CLINTON_WT_PWR 323605	43.20 -1.18 0.00	31.93 -0.74 0.00	27.40 -0.59 0.00	28.88 -0.73 0.00	29.25 -0.62 0.00	29.43 -0.58 0.00	30.51 -0.42 0.00	30.22 -0.30 0.00	27.42 -0.25 0.00	34.74 -0.28 0.00	29.93 -0.50 0.00	33.37 -0.46 0.00	48.42 -0.59 0.00	52.24 -0.80 0.00	52.96 -1.38 0.00	59.57 -2.00 0.00	61.46 -2.80 0.00	86.05 -4.97 0.00	86.34 -4.34 0.00	88.01 -3.02 0.00	56.46 -1.70 3.52	38.39 -1.28 29.01	48.74 -0.59 0.00	46.84 -0.56 0.00
CLINTON___LFGE 323618	43.81 -0.57 0.00	32.35 -0.31 0.00	27.74 -0.24 0.00	29.22 -0.39 0.00	29.59 -0.27 0.00	29.77 -0.24 0.00	30.84 -0.09 0.00	30.54 0.01 0.00	27.74 0.07 0.00	35.07 0.05 0.00	30.19 -0.24 0.00	33.66 -0.17 0.00	48.83 -0.18 0.00	52.76 -0.29 0.00	53.20 -1.14 0.00	59.90 -1.68 0.00	61.63 -2.63 0.00	86.42 -4.61 0.00	86.75 -3.94 0.00	88.90 -2.13 0.00	56.30 -1.21 4.17	33.62 -0.74 34.31	49.18 -0.16 0.00	47.29 -0.11 0.00
COBBLENY_34_KV_TB1 80064	45.61 1.23 0.00	32.94 0.27 0.00	28.12 0.13 0.00	29.51 -0.11 0.00	29.72 -0.15 0.00	30.01 0.00 0.00	30.88 -0.05 0.00	30.31 -0.21 0.00	27.83 0.15 0.00	35.81 0.78 0.00	31.10 0.67 0.00	34.66 0.83 0.00	50.26 1.25 0.00	54.29 1.25 0.00	55.22 0.88 0.00	61.45 -0.12 0.00	64.27 0.01 0.00	91.53 0.50 0.00	92.35 1.66 0.00	93.51 2.47 0.00	62.43 0.74 0.00	69.42 0.74 0.00	49.96 0.62 0.00	48.01 0.61 0.00
COFFEEN___115KV_TB3 355620	45.90 1.30 -0.22	33.49 0.82 0.00	28.45 0.47 0.00	30.09 0.48 0.00	30.28 0.41 0.00	30.46 0.46 0.00	31.39 0.46 0.00	30.85 0.33 0.00	28.16 0.48 0.00	35.90 0.87 0.00	31.35 0.92 0.00	34.36 0.53 0.00	49.61 0.60 0.00	53.79 0.65 -0.09	54.78 0.44 0.00	64.53 1.01 -1.95	70.70 2.09 -4.34	97.54 2.83 -3.69	102.73 5.06 -6.98	111.37 8.65 -11.69	90.99 6.55 -22.75	129.91 7.74 -53.49	56.23 3.56 -3.34	52.29 1.79 -3.11
COLDSPRG_115KV_BK1 355956	46.32 1.94 0.00	33.34 0.67 0.00	28.39 0.41 0.00	29.89 0.27 0.00	30.10 0.23 0.00	30.39 0.39 0.00	31.18 0.26 0.00	30.61 0.09 0.00	28.25 0.58 0.00	36.41 1.39 0.00	31.62 1.19 0.00	35.23 1.40 0.00	51.24 2.23 0.00	55.30 2.25 0.00	56.04 1.70 0.00	62.60 1.03 0.00	65.73 1.47 0.00	94.26 3.24 0.00	94.74 4.06 0.00	94.96 3.92 0.00	63.37 1.69 0.00	69.97 1.29 0.00	50.05 0.71 0.00	47.98 0.58 0.00
COLONIE_LFGE___ 323577	45.78 1.39 0.00	33.84 1.17 0.00	29.00 1.01 0.00	30.75 1.14 0.00	30.99 1.12 0.00	31.09 1.08 0.00	31.96 1.03 0.00	31.40 0.88 0.00	28.46 0.78 0.00	35.68 0.65 0.00	30.96 0.53 0.00	34.34 0.51 0.00	49.66 0.65 0.00	53.81 0.77 0.00	55.60 1.25 0.00	63.36 1.79 0.00	66.65 2.39 0.00	95.56 4.54 0.00	94.97 4.28 0.00	94.56 3.53 0.00	64.12 2.43 0.00	70.70 2.02 0.00	50.50 1.16 0.00	48.61 1.21 0.00
COOPERNY_115KV_TB1 80082	45.96 1.57 0.00	33.84 1.17 0.00	28.96 0.98 0.00	30.63 1.02 0.00	30.81 0.94 0.00	30.95 0.94 0.00	31.78 0.85 0.00	31.24 0.72 0.00	28.44 0.76 0.00	35.86 0.83 0.00	31.27 0.84 0.00	34.74 0.91 0.00	50.27 1.26 0.00	54.37 1.33 0.00	55.76 1.42 0.00	63.40 1.83 0.00	66.87 2.61 0.00	95.67 4.65 0.00	95.02 4.33 0.00	94.63 3.60 0.00	63.93 2.25 0.00	70.43 1.75 0.00	50.36 1.02 0.00	48.52 1.12 0.00
COPENHAGEN_WT_PWR 323753	44.86 0.24 -0.23	32.78 0.11 0.00	27.83 -0.15 0.00	29.44 -0.17 0.00	29.63 -0.23 0.00	29.81 -0.19 0.00	30.74 -0.19 0.00	30.28 -0.24 0.00	27.69 0.02 0.00	35.32 0.30 0.00	30.86 0.43 0.00	33.85 0.02 0.00	48.89 -0.12 0.00	52.98 -0.17 -0.10	53.90 -0.44 0.00	63.78 0.15 -2.06	70.08 1.25 -4.57	96.38 1.48 -3.88	101.68 3.65 -7.35	109.86 6.92 -11.91	88.93 5.27 -21.98	125.98 6.24 -51.06	55.18 2.33 -3.52	51.15 0.47 -3.27
CORNELL_____ 23752	45.79 1.40 0.00	33.48 0.81 0.00	28.60 0.62 0.00	30.21 0.60 0.00	30.46 0.59 0.00	30.63 0.62 0.00	31.50 0.57 0.00	30.93 0.40 0.00	28.12 0.44 0.00	35.58 0.55 0.00	30.96 0.54 0.00	34.40 0.58 0.00	49.97 0.96 0.00	54.15 1.10 0.00	55.43 1.08 0.00	62.76 1.19 0.00	65.96 1.70 0.00	94.42 3.39 0.00	94.60 3.91 0.00	95.60 4.56 0.00	64.50 2.82 0.00	71.39 2.71 0.00	50.83 1.49 0.00	48.71 1.31 0.00

CORONA V_69_KV_TB1 355595	47.77 3.38 0.00	35.08 2.42 0.00	29.92 1.94 0.00	31.60 1.99 0.00	31.62 1.75 0.00	31.73 1.73 0.00	32.50 1.57 0.00	31.92 1.39 0.00	29.28 1.61 0.00	36.83 1.80 0.00	32.00 1.57 0.00	35.61 1.78 0.00	51.67 2.66 0.00	55.95 2.91 0.00	57.38 3.04 0.00	65.56 3.99 0.00	69.56 5.30 0.00	100.76 8.87 -0.86	98.65 7.97 0.00	97.65 6.61 0.00	65.84 4.15 0.00	72.32 3.63 0.00	71.78 2.31 -20.14	50.02 2.62 0.00
CORTLAND_115KV_TB3 80093	45.31 0.93 0.00	33.16 0.49 0.00	28.35 0.37 0.00	29.97 0.36 0.00	30.21 0.34 0.00	30.38 0.37 0.00	31.25 0.32 0.00	30.69 0.16 0.00	27.87 0.20 0.00	35.29 0.27 0.00	30.73 0.30 0.00	34.17 0.34 0.00	49.64 0.62 0.00	53.78 0.73 0.00	55.03 0.69 0.00	62.38 0.81 0.00	65.52 1.26 0.00	93.68 2.65 0.00	93.53 2.85 0.00	94.22 3.18 0.00	63.60 1.92 0.00	70.47 1.79 0.00	50.25 0.91 0.00	48.18 0.78 0.00
COXSACKIE__GT 23611	46.83 2.44 0.00	34.60 1.93 0.00	29.75 1.77 0.00	31.52 1.91 0.00	31.77 1.90 0.00	31.88 1.88 0.00	32.76 1.83 0.00	32.21 1.69 0.00	29.07 1.39 0.00	36.20 1.18 0.00	31.22 0.79 0.00	34.65 0.83 0.00	50.17 1.16 0.00	54.30 1.26 0.00	56.24 1.90 0.00	64.10 2.53 0.00	67.32 3.06 0.00	96.89 5.86 0.00	97.10 6.42 0.00	97.55 6.52 0.00	66.17 4.48 0.00	73.08 4.40 0.00	51.93 2.59 0.00	49.69 2.30 0.00
CPV_VALLEY__CC1 323721	46.07 1.68 0.00	33.98 1.31 0.00	29.07 1.09 0.00	30.76 1.15 0.00	30.91 1.04 0.00	31.04 1.03 0.00	31.85 0.93 0.00	31.30 0.78 0.00	28.53 0.85 0.00	35.93 0.90 0.00	31.34 0.91 0.00	34.78 0.95 0.00	50.29 1.28 0.00	54.36 1.32 0.00	55.74 1.39 0.00	63.47 1.89 0.00	67.11 2.85 0.00	96.14 5.11 0.00	95.38 4.70 0.00	94.81 3.77 0.00	64.04 2.35 0.00	70.41 1.73 0.00	50.32 0.98 0.00	48.52 1.12 0.00
CPV_VALLEY__CC2 323722	46.07 1.68 0.00	33.98 1.31 0.00	29.07 1.09 0.00	30.76 1.15 0.00	30.91 1.04 0.00	31.04 1.03 0.00	31.85 0.93 0.00	31.30 0.78 0.00	28.53 0.85 0.00	35.93 0.90 0.00	31.34 0.91 0.00	34.78 0.95 0.00	50.29 1.28 0.00	54.36 1.32 0.00	55.74 1.39 0.00	63.47 1.89 0.00	67.11 2.85 0.00	96.14 5.11 0.00	95.38 4.70 0.00	94.81 3.77 0.00	64.04 2.35 0.00	70.41 1.73 0.00	50.32 0.98 0.00	48.52 1.12 0.00
CRESCENT__HYD 24018	45.78 1.39 0.00	33.84 1.17 0.00	29.00 1.01 0.00	30.75 1.14 0.00	30.99 1.12 0.00	31.09 1.08 0.00	31.96 1.03 0.00	31.40 0.88 0.00	28.46 0.78 0.00	35.68 0.65 0.00	30.96 0.53 0.00	34.34 0.51 0.00	49.66 0.65 0.00	53.81 0.77 0.00	55.60 1.25 0.00	63.36 1.79 0.00	66.65 2.39 0.00	95.56 4.54 0.00	94.97 4.28 0.00	94.56 3.53 0.00	64.12 2.43 0.00	70.70 2.02 0.00	50.50 1.16 0.00	48.61 1.21 0.00
CRICKET__VALLEY_CC1 323756	46.00 1.61 0.00	33.96 1.30 0.00	29.09 1.11 0.00	30.78 1.17 0.00	30.96 1.09 0.00	31.06 1.06 0.00	31.90 0.96 0.00	31.32 0.80 0.00	28.54 0.87 0.00	35.83 0.81 0.00	31.24 0.81 0.00	34.63 0.80 0.00	50.01 1.00 0.00	54.05 1.01 0.00	55.59 1.24 0.00	63.54 1.97 0.00	67.22 2.96 0.00	96.70 5.68 0.00	95.78 5.10 0.00	95.05 4.02 0.00	64.20 2.52 0.00	70.43 1.75 0.00	50.20 0.86 0.00	48.49 1.09 0.00
CRICKET__VALLEY_CC2 323757	46.00 1.61 0.00	33.96 1.30 0.00	29.09 1.11 0.00	30.78 1.17 0.00	30.96 1.09 0.00	31.06 1.06 0.00	31.90 0.96 0.00	31.32 0.80 0.00	28.54 0.87 0.00	35.83 0.81 0.00	31.24 0.81 0.00	34.63 0.80 0.00	50.01 1.00 0.00	54.05 1.01 0.00	55.59 1.24 0.00	63.54 1.97 0.00	67.22 2.96 0.00	96.70 5.68 0.00	95.78 5.10 0.00	95.05 4.02 0.00	64.20 2.52 0.00	70.43 1.75 0.00	50.20 0.86 0.00	48.49 1.09 0.00
CRICKET__VALLEY_CC3 323758	46.00 1.61 0.00	33.96 1.30 0.00	29.09 1.11 0.00	30.78 1.17 0.00	30.96 1.09 0.00	31.06 1.06 0.00	31.90 0.96 0.00	31.32 0.80 0.00	28.54 0.87 0.00	35.83 0.81 0.00	31.24 0.81 0.00	34.63 0.80 0.00	50.01 1.00 0.00	54.05 1.01 0.00	55.59 1.24 0.00	63.54 1.97 0.00	67.22 2.96 0.00	96.70 5.68 0.00	95.78 5.10 0.00	95.05 4.02 0.00	64.20 2.52 0.00	70.43 1.75 0.00	50.20 0.86 0.00	48.49 1.09 0.00
CRUCIBLE_METL_DRP 24180	44.96 0.36 -0.21	32.78 0.12 0.00	28.02 0.04 0.00	29.64 0.03 0.00	29.87 0.00 0.00	30.02 0.01 0.00	30.89 -0.04 0.00	30.39 -0.13 0.00	27.63 -0.05 0.00	35.05 0.02 0.00	30.52 0.09 0.00	33.96 0.13 0.00	49.29 0.28 0.00	53.50 0.36 -0.09	54.68 0.34 0.00	63.87 0.41 -1.88	69.21 0.75 -4.19	96.23 1.65 -3.55	99.24 1.82 -6.74	100.86 2.02 -7.80	67.83 1.14 -5.01	79.08 1.00 -9.41	52.97 0.42 -3.22	50.73 0.33 -3.00
DAHOWA__HYDRO 323763	46.74 2.35 0.00	34.45 1.78 0.00	29.47 1.49 0.00	31.21 1.59 0.00	31.46 1.59 0.00	31.56 1.55 0.00	32.46 1.53 0.00	31.89 1.36 0.00	28.89 1.22 0.00	36.19 1.17 0.00	31.36 0.93 0.00	34.77 0.94 0.00	50.36 1.35 0.00	54.66 1.62 0.00	56.57 2.22 0.00	64.67 3.10 0.00	68.08 3.82 0.00	97.86 6.83 0.00	97.60 6.92 0.00	97.44 6.41 0.00	66.04 4.36 0.00	72.77 4.09 0.00	51.85 2.51 0.00	49.77 2.37 0.00
DANC__LFGE 323619	44.74 0.06 -0.29	32.62 -0.05 0.00	27.77 -0.21 0.00	29.38 -0.23 0.00	29.58 -0.29 0.00	29.75 -0.26 0.00	30.65 -0.28 0.00	30.18 -0.34 0.00	27.52 -0.15 0.00	35.04 0.01 0.00	30.56 0.13 0.00	33.70 -0.13 0.00	48.71 -0.30 0.00	52.84 -0.33 -0.13	53.81 -0.53 0.00	63.91 -0.27 -2.62	70.60 0.51 -5.83	96.74 0.78 -4.94	102.24 2.20 -9.36	108.50 4.34 -13.12	82.67 3.26 -17.72	110.26 3.84 -37.74	55.15 1.33 -4.48	51.77 0.20 -4.17
DANSKAMMER__1 23586	47.07 2.69 0.00	34.68 2.02 0.00	29.67 1.69 0.00	31.40 1.78 0.00	31.55 1.68 0.00	31.67 1.66 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.15 1.48 0.00	36.70 1.68 0.00	32.06 1.63 0.00	35.63 1.80 0.00	51.56 2.55 0.00	55.74 2.70 0.00	57.18 2.84 0.00	65.25 3.68 0.00	69.12 4.87 0.00	99.28 8.26 0.00	98.50 7.81 0.00	97.80 6.77 0.00	65.94 4.26 0.00	72.34 3.66 0.00	51.57 2.23 0.00	49.69 2.29 0.00
DANSKAMMER__2 23589	47.07 2.69 0.00	34.68 2.02 0.00	29.67 1.69 0.00	31.40 1.78 0.00	31.55 1.68 0.00	31.67 1.66 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.15 1.48 0.00	36.70 1.68 0.00	32.06 1.63 0.00	35.63 1.80 0.00	51.56 2.55 0.00	55.74 2.70 0.00	57.18 2.84 0.00	65.25 3.68 0.00	69.12 4.87 0.00	99.28 8.26 0.00	98.50 7.81 0.00	97.80 6.77 0.00	65.94 4.26 0.00	72.34 3.66 0.00	51.57 2.23 0.00	49.69 2.29 0.00
DANSKAMMER__3 23590	47.07 2.69 0.00	34.68 2.02 0.00	29.67 1.69 0.00	31.40 1.78 0.00	31.55 1.68 0.00	31.67 1.66 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.15 1.48 0.00	36.70 1.68 0.00	32.06 1.63 0.00	35.63 1.80 0.00	51.56 2.55 0.00	55.74 2.70 0.00	57.18 2.84 0.00	65.25 3.68 0.00	69.12 4.87 0.00	99.28 8.26 0.00	98.50 7.81 0.00	97.80 6.77 0.00	65.94 4.26 0.00	72.34 3.66 0.00	51.57 2.23 0.00	49.69 2.29 0.00

DANSKAMMER___4 23591	47.07 2.69 0.00	34.68 2.02 0.00	29.67 1.69 0.00	31.40 1.78 0.00	31.55 1.68 0.00	31.67 1.66 0.00	32.50 1.57 0.00	31.95 1.43 0.00	29.15 1.48 0.00	36.70 1.68 0.00	32.06 1.63 0.00	35.63 1.80 0.00	51.56 2.55 0.00	55.74 2.70 0.00	57.18 2.84 0.00	65.25 3.68 0.00	69.12 4.87 0.00	99.28 8.26 0.00	98.50 7.81 0.00	97.80 6.77 0.00	65.94 4.26 0.00	72.34 3.66 0.00	51.57 2.23 0.00	49.69 2.29 0.00
DANSKAMMER___DIESEL 23592	47.07 2.69 0.00	34.68 2.02 0.00	29.67 1.69 0.00	31.40 1.78 0.00	31.55 1.68 0.00	31.67 1.66 0.00	32.49 1.56 0.00	31.95 1.42 0.00	29.15 1.48 0.00	36.70 1.68 0.00	32.06 1.63 0.00	35.63 1.80 0.00	51.57 2.56 0.00	55.74 2.69 0.00	57.19 2.85 0.00	65.25 3.68 0.00	69.12 4.87 0.00	99.29 8.26 0.00	98.50 7.82 0.00	97.80 6.76 0.00	65.94 4.25 0.00	72.34 3.66 0.00	51.56 2.22 0.00	49.69 2.29 0.00
DARBY___SOLAR 323810	46.52 2.13 0.00	34.30 1.63 0.00	29.36 1.38 0.00	31.09 1.48 0.00	31.34 1.47 0.00	31.44 1.43 0.00	32.34 1.41 0.00	31.76 1.24 0.00	28.76 1.09 0.00	36.04 1.01 0.00	31.24 0.81 0.00	34.63 0.80 0.00	50.14 1.13 0.00	54.41 1.37 0.00	56.34 2.00 0.00	64.32 2.75 0.00	67.73 3.47 0.00	97.25 6.23 0.00	96.94 6.26 0.00	96.78 5.75 0.00	65.58 3.90 0.00	72.29 3.61 0.00	51.55 2.21 0.00	49.51 2.11 0.00
DASHVILLE___HYD 23610	46.62 2.24 0.00	34.36 1.69 0.00	29.39 1.41 0.00	31.10 1.49 0.00	31.26 1.40 0.00	31.38 1.37 0.00	32.21 1.28 0.00	31.66 1.14 0.00	28.85 1.18 0.00	36.33 1.30 0.00	31.74 1.32 0.00	35.28 1.45 0.00	51.03 2.03 0.00	55.24 2.19 0.00	56.65 2.31 0.00	64.62 3.05 0.00	68.43 4.17 0.00	98.28 7.25 0.00	97.46 6.78 0.00	96.78 5.74 0.00	65.32 3.63 0.00	71.70 3.02 0.00	51.13 1.79 0.00	49.30 1.90 0.00
DELAWARE___LFGE 323621	45.80 1.42 0.00	33.66 0.99 0.00	28.84 0.86 0.00	30.56 0.94 0.00	30.79 0.92 0.00	30.93 0.93 0.00	31.81 0.88 0.00	31.30 0.78 0.00	28.38 0.71 0.00	35.93 0.90 0.00	31.31 0.88 0.00	34.80 0.97 0.00	50.41 1.40 0.00	54.55 1.50 0.00	55.84 1.50 0.00	63.34 1.76 0.00	66.56 2.30 0.00	94.98 3.95 0.00	94.47 3.79 0.00	94.49 3.45 0.00	63.87 2.18 0.00	70.61 1.93 0.00	50.49 1.15 0.00	48.55 1.15 0.00
DERFIELD_115KV_TB7 355931	44.57 0.18 0.00	32.82 0.16 0.00	28.12 0.14 0.00	29.79 0.17 0.00	30.02 0.15 0.00	30.16 0.15 0.00	31.05 0.12 0.00	30.60 0.07 0.00	27.73 0.06 0.00	35.04 0.01 0.00	30.45 0.03 0.00	33.85 0.02 0.00	49.03 0.02 0.00	53.09 0.05 0.00	54.45 0.10 0.00	61.76 0.19 0.00	64.60 0.34 0.00	91.91 0.89 0.00	91.56 0.88 0.00	91.78 0.75 0.00	62.17 0.48 0.00	69.00 0.32 0.00	49.44 0.10 0.00	47.49 0.09 0.00
DOGLEVILLE___HYD 23807	45.36 0.98 0.00	33.42 0.75 0.00	28.71 0.72 0.00	30.49 0.88 0.00	30.74 0.87 0.00	30.82 0.81 0.00	31.57 0.64 0.00	30.71 0.19 0.00	27.54 -0.13 0.00	34.30 -0.72 0.00	29.74 -0.69 0.00	33.03 -0.80 0.00	47.92 -1.09 0.00	52.40 -0.64 0.00	54.35 0.00 0.00	61.82 0.25 0.00	64.99 0.74 0.00	94.19 3.16 0.00	94.17 3.49 0.00	94.65 3.62 0.00	64.35 2.66 0.00	70.89 2.21 0.00	50.25 0.92 0.00	48.14 0.74 0.00
DUNKIRK__115KV_TB_200 55889	45.54 1.15 0.00	32.73 0.06 0.00	27.90 -0.08 0.00	29.37 -0.25 0.00	29.61 -0.26 0.00	29.90 -0.10 0.00	30.69 -0.24 0.00	30.10 -0.42 0.00	27.72 0.05 0.00	35.72 0.70 0.00	31.06 0.63 0.00	34.64 0.81 0.00	50.38 1.37 0.00	54.42 1.38 0.00	55.25 0.90 0.00	61.67 0.09 0.00	64.56 0.31 0.00	92.45 1.42 0.00	92.80 2.12 0.00	93.57 2.54 0.00	62.31 0.63 0.00	68.89 0.22 0.00	49.39 0.05 0.00	47.48 0.08 0.00
DUNKIRK___1 23563	45.54 1.15 0.00	32.73 0.06 0.00	27.90 -0.08 0.00	29.37 -0.25 0.00	29.61 -0.26 0.00	29.90 -0.10 0.00	30.69 -0.24 0.00	30.10 -0.42 0.00	27.72 0.05 0.00	35.72 0.70 0.00	31.06 0.63 0.00	34.64 0.81 0.00	50.38 1.37 0.00	54.42 1.38 0.00	55.25 0.90 0.00	61.67 0.09 0.00	64.56 0.31 0.00	92.45 1.42 0.00	92.80 2.12 0.00	93.57 2.54 0.00	62.31 0.63 0.00	68.89 0.22 0.00	49.39 0.05 0.00	47.48 0.08 0.00
DUNKIRK___2 23564	45.54 1.15 0.00	32.73 0.06 0.00	27.90 -0.08 0.00	29.37 -0.25 0.00	29.61 -0.26 0.00	29.90 -0.10 0.00	30.69 -0.24 0.00	30.10 -0.42 0.00	27.72 0.05 0.00	35.72 0.70 0.00	31.06 0.63 0.00	34.64 0.81 0.00	50.38 1.37 0.00	54.42 1.38 0.00	55.25 0.90 0.00	61.67 0.09 0.00	64.56 0.31 0.00	92.45 1.42 0.00	92.80 2.12 0.00	93.57 2.54 0.00	62.31 0.63 0.00	68.89 0.22 0.00	49.39 0.05 0.00	47.48 0.08 0.00
DUNKIRK___3 23565	45.42 1.04 0.00	32.72 0.05 0.00	27.89 -0.09 0.00	29.34 -0.28 0.00	29.58 -0.29 0.00	29.88 -0.12 0.00	30.68 -0.25 0.00	30.08 -0.44 0.00	27.67 -0.01 0.00	35.61 0.59 0.00	30.94 0.51 0.00	34.48 0.65 0.00	50.10 1.09 0.00	54.12 1.08 0.00	54.98 0.63 0.00	61.31 -0.26 0.00	64.18 -0.08 0.00	91.75 0.72 0.00	92.14 1.46 0.00	92.97 1.94 0.00	61.99 0.30 0.00	68.70 0.02 0.00	49.32 -0.02 0.00	47.45 0.04 0.00
DUNKIRK___4 23566	45.42 1.04 0.00	32.72 0.05 0.00	27.89 -0.09 0.00	29.34 -0.28 0.00	29.58 -0.29 0.00	29.88 -0.12 0.00	30.68 -0.25 0.00	30.08 -0.44 0.00	27.67 -0.01 0.00	35.61 0.59 0.00	30.94 0.51 0.00	34.48 0.65 0.00	50.10 1.09 0.00	54.12 1.08 0.00	54.98 0.63 0.00	61.31 -0.26 0.00	64.18 -0.08 0.00	91.75 0.72 0.00	92.14 1.46 0.00	92.97 1.94 0.00	61.99 0.30 0.00	68.70 0.02 0.00	49.32 -0.02 0.00	47.45 0.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.09 2.70 0.00	34.74 2.07 0.00	29.70 1.71 0.00	31.41 1.79 0.00	31.52 1.65 0.00	31.64 1.63 0.00	32.44 1.51 0.00	31.88 1.35 0.00	29.15 1.47 0.00	36.66 1.63 0.00	31.99 1.56 0.00	35.52 1.69 0.00	51.33 2.32 0.00	55.43 2.39 0.00	56.80 2.45 0.00	64.75 3.18 0.00	68.68 4.42 0.00	98.60 7.57 0.00	97.68 7.00 0.00	96.91 5.88 0.00	65.40 3.71 0.00	71.74 3.06 0.00	51.24 1.90 0.00	49.51 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.76 2.37 0.00	34.46 1.79 0.00	29.47 1.49 0.00	31.18 1.57 0.00	31.32 1.45 0.00	31.44 1.44 0.00	32.26 1.33 0.00	31.70 1.18 0.00	28.92 1.24 0.00	36.41 1.39 0.00	31.80 1.37 0.00	35.31 1.49 0.00	51.09 2.08 0.00	55.23 2.19 0.00	56.65 2.31 0.00	64.59 3.01 0.00	68.39 4.13 0.00	98.16 7.14 0.00	97.41 6.73 0.00	96.75 5.71 0.00	65.29 3.61 0.00	71.67 2.99 0.00	51.13 1.79 0.00	49.29 1.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.17 2.79 0.00	34.93 2.26 0.00	29.85 1.87 0.00	31.62 2.01 0.00	31.72 1.85 0.00	31.85 1.85 0.00	32.64 1.70 0.00	32.06 1.53 0.00	29.41 1.73 0.00	36.88 1.85 0.00	32.27 1.84 0.00	35.76 1.93 0.00	51.56 2.56 0.00	55.59 2.55 0.00	56.76 2.42 -0.01	64.64 3.06 -0.01	68.65 4.38 -0.01	98.52 7.49 -0.01	97.59 6.89 -0.01	96.78 5.73 -0.02	65.36 3.67 -0.01	71.57 2.89 -0.01	51.16 1.82 0.00	49.50 2.10 0.00

E179THST_13_KV_LOAD 356214	47.45 3.07 0.00	35.12 2.45 0.00	30.01 2.03 0.00	31.78 2.17 0.00	31.88 2.01 0.00	32.01 2.01 0.00	32.80 1.87 0.00	32.21 1.69 0.00	29.56 1.88 0.00	37.07 2.05 0.00	32.45 2.02 0.00	35.98 2.15 0.00	51.88 2.87 0.00	55.95 2.91 0.00	57.12 2.77 -0.01	65.05 3.46 -0.01	69.07 4.80 -0.01	99.16 8.12 -0.01	98.23 7.54 -0.01	97.43 6.38 -0.02	65.79 4.10 -0.01	72.03 3.34 -0.01	51.51 2.17 0.00	49.83 2.44 0.00
EAST HAMPTON___GT 23717	48.08 3.69 0.00	35.19 2.53 0.00	29.88 1.90 0.00	31.46 1.84 0.00	31.36 1.49 0.00	31.38 1.37 0.00	32.12 1.19 0.00	31.57 1.04 0.00	29.29 1.62 0.00	36.95 1.92 0.00	31.84 1.41 0.00	34.25 1.95 1.53	49.56 3.10 2.55	55.40 3.34 0.99	57.83 3.49 0.00	66.25 4.67 0.00	70.95 6.68 0.00	212.53 10.87 -110.64	230.61 8.92 -131.01	127.64 7.54 -29.07	66.09 4.41 0.00	72.64 4.01 0.05	49.94 2.39 1.79	49.99 2.59 0.00
EAST RIVER___6 23660	47.23 2.85 0.00	34.86 2.20 0.00	29.81 1.83 0.00	31.51 1.90 0.00	31.61 1.74 0.00	31.74 1.73 0.00	32.54 1.61 0.00	32.00 1.47 0.00	29.29 1.62 0.00	36.83 1.81 0.00	32.19 1.76 0.00	35.72 1.90 0.00	51.59 2.58 0.00	55.67 2.63 0.00	56.95 2.61 0.00	64.90 3.32 0.00	68.92 4.67 0.00	98.98 7.95 0.00	98.04 7.35 0.00	97.24 6.21 0.00	65.59 3.90 0.00	71.88 3.19 0.00	51.38 2.05 0.00	49.64 2.24 0.00
EAST RIVER___7 23524	47.23 2.85 0.00	34.86 2.20 0.00	29.81 1.83 0.00	31.51 1.90 0.00	31.61 1.74 0.00	31.74 1.73 0.00	32.54 1.61 0.00	32.00 1.47 0.00	29.29 1.62 0.00	36.83 1.81 0.00	32.19 1.76 0.00	35.72 1.90 0.00	51.59 2.58 0.00	55.67 2.63 0.00	56.95 2.61 0.00	64.90 3.32 0.00	68.92 4.67 0.00	98.98 7.95 0.00	98.04 7.35 0.00	97.24 6.21 0.00	65.59 3.90 0.00	71.88 3.19 0.00	51.38 2.05 0.00	49.64 2.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.97 2.58 0.00	34.64 1.97 0.00	29.63 1.64 0.00	31.33 1.72 0.00	31.45 1.58 0.00	31.57 1.56 0.00	32.37 1.44 0.00	31.80 1.28 0.00	29.07 1.39 0.00	36.56 1.53 0.00	31.92 1.49 0.00	35.43 1.60 0.00	51.20 2.20 0.00	55.32 2.28 0.00	56.69 2.35 0.00	64.64 3.06 0.00	68.52 4.27 0.00	98.36 7.33 0.00	97.46 6.78 0.00	96.70 5.66 0.00	65.26 3.57 0.00	71.59 2.91 0.00	51.13 1.80 0.00	49.37 1.97 0.00
EAST_HAMPTON___DIESEL 23722	47.94 3.56 0.00	35.09 2.42 0.00	29.79 1.81 0.00	31.37 1.75 0.00	31.26 1.39 0.00	31.28 1.27 0.00	32.02 1.09 0.00	31.47 0.94 0.00	29.20 1.53 0.00	36.84 1.81 0.00	31.75 1.32 0.00	34.17 1.87 1.53	49.43 2.97 2.55	55.24 3.18 0.99	57.68 3.34 0.00	66.08 4.50 0.00	70.77 6.51 0.00	212.31 10.64 -110.64	230.44 8.74 -131.01	127.43 7.33 -29.07	65.93 4.24 0.00	72.43 3.79 0.05	49.78 2.24 1.79	49.84 2.44 0.00
EAST_POINT___SOLAR 323840	47.53 3.14 0.00	34.80 2.13 0.00	29.69 1.71 0.00	31.39 1.77 0.00	31.64 1.77 0.00	31.83 1.83 0.00	32.51 1.58 0.00	31.27 0.74 0.00	27.91 0.23 0.00	35.16 0.13 0.00	30.68 0.25 0.00	34.21 0.38 0.00	50.07 1.06 0.00	54.87 1.83 0.00	57.04 2.70 0.00	62.99 1.42 0.00	65.91 1.65 0.00	93.27 2.25 0.00	94.42 3.74 0.00	98.23 7.20 0.00	67.61 5.93 0.00	74.95 6.27 0.00	53.52 4.18 0.00	51.16 3.76 0.00
EAST_PULASKI___ESR 323781	44.75 -0.07 -0.44	32.49 -0.18 0.00	27.74 -0.25 0.00	29.34 -0.27 0.00	29.55 -0.32 0.00	29.70 -0.30 0.00	30.58 -0.35 0.00	30.11 -0.41 0.00	27.38 -0.29 0.00	34.78 -0.24 0.00	30.30 -0.13 0.00	33.58 -0.24 0.00	48.62 -0.39 0.00	52.82 -0.42 -0.19	53.76 -0.58 0.00	64.85 -0.65 -3.93	72.88 -0.14 -8.75	98.55 0.10 -7.42	105.58 0.83 -14.06	110.38 1.86 -17.48	78.37 1.31 -15.37	96.93 1.45 -26.80	56.38 0.32 -6.72	53.60 -0.07 -6.27
EAST_RIVER___1 323558	47.28 2.89 0.00	34.89 2.22 0.00	29.83 1.85 0.00	31.54 1.92 0.00	31.64 1.77 0.00	31.77 1.76 0.00	32.57 1.64 0.00	32.03 1.51 0.00	29.32 1.65 0.00	36.86 1.83 0.00	32.21 1.79 0.00	35.76 1.93 0.00	51.64 2.63 0.00	55.72 2.68 0.00	57.01 2.67 0.00	64.96 3.39 0.00	68.99 4.73 0.00	99.07 8.04 0.00	98.11 7.43 0.00	97.33 6.29 0.00	65.65 3.96 0.00	71.95 3.26 0.00	51.44 2.10 0.00	49.68 2.28 0.00
EAST_RIVER___2 323559	47.23 2.85 0.00	34.86 2.20 0.00	29.81 1.83 0.00	31.51 1.90 0.00	31.61 1.74 0.00	31.74 1.73 0.00	32.54 1.61 0.00	32.00 1.47 0.00	29.29 1.62 0.00	36.83 1.81 0.00	32.19 1.76 0.00	35.72 1.90 0.00	51.59 2.58 0.00	55.67 2.63 0.00	56.95 2.61 0.00	64.90 3.32 0.00	68.92 4.67 0.00	98.98 7.95 0.00	98.04 7.35 0.00	97.24 6.21 0.00	65.59 3.90 0.00	71.88 3.19 0.00	51.38 2.05 0.00	49.64 2.24 0.00
EAST___DELAWARE_HYD 23607	45.79 1.41 0.00	33.68 1.01 0.00	28.78 0.80 0.00	30.42 0.81 0.00	30.55 0.69 0.00	30.66 0.66 0.00	31.48 0.55 0.00	30.95 0.43 0.00	28.21 0.54 0.00	35.55 0.52 0.00	31.07 0.64 0.00	34.53 0.70 0.00	49.99 0.98 0.00	54.18 1.13 0.00	55.61 1.26 0.00	63.40 1.83 0.00	67.19 2.93 0.00	96.58 5.55 0.00	96.03 5.35 0.00	95.56 4.53 0.00	64.43 2.75 0.00	70.70 2.02 0.00	50.38 1.04 0.00	48.43 1.03 0.00
EIGHT_POINT___WT_PWR 323820	45.66 1.27 0.00	32.70 0.03 0.00	27.68 -0.30 0.00	29.08 -0.53 0.00	29.35 -0.51 0.00	29.71 -0.29 0.00	30.69 -0.24 0.00	30.00 -0.53 0.00	27.40 -0.27 0.00	35.01 -0.02 0.00	30.31 -0.12 0.00	33.61 -0.22 0.00	48.85 -0.16 0.00	52.59 -0.45 0.00	53.48 -0.86 0.00	59.80 -1.78 0.00	63.13 -1.13 0.00	90.79 -0.24 0.00	91.67 0.99 0.00	93.65 2.62 0.00	63.05 1.36 0.00	69.32 0.64 0.00	49.21 -0.13 0.00	46.94 -0.46 0.00
ELBRIDGE_115KV_TB2 80188	44.70 0.10 -0.21	32.62 -0.04 0.00	27.89 -0.09 0.00	29.49 -0.13 0.00	29.73 -0.14 0.00	29.88 -0.12 0.00	30.76 -0.17 0.00	30.23 -0.29 0.00	27.48 -0.19 0.00	34.85 -0.18 0.00	30.35 -0.08 0.00	33.72 -0.10 0.00	48.94 -0.07 0.00	53.09 -0.05 -0.09	54.27 -0.08 0.00	63.42 -0.07 -1.92	68.72 0.20 -4.26	95.52 0.87 -3.61	98.59 1.06 -6.85	100.27 1.30 -7.93	66.95 0.69 -4.57	74.52 0.52 -5.31	52.69 0.08 -3.27	50.45 0.00 -3.05
ELEC_TRO_TEK 24086	47.48 3.09 0.00	34.89 2.22 0.00	29.76 1.78 0.00	31.44 1.83 0.00	31.47 1.60 0.00	31.58 1.57 0.00	32.34 1.41 0.00	31.76 1.24 0.00	29.13 1.46 0.00	36.63 1.61 0.00	31.79 1.36 0.00	35.37 1.54 0.00	51.27 2.27 0.00	55.50 2.46 0.00	56.90 2.56 0.00	65.00 3.42 0.00	69.00 4.74 0.00	99.09 8.06 0.00	97.82 7.14 0.00	96.82 5.78 0.00	65.29 3.60 0.00	71.70 3.02 0.00	59.00 1.87 -7.79	49.60 2.20 0.00
ELLENBURG_WT_PWR 323604	43.20 -1.18 0.00	31.93 -0.74 0.00	27.40 -0.59 0.00	28.88 -0.73 0.00	29.25 -0.62 0.00	29.43 -0.58 0.00	30.51 -0.42 0.00	30.22 -0.30 0.00	27.42 -0.25 0.00	34.74 -0.28 0.00	29.93 -0.50 0.00	33.37 -0.46 0.00	48.42 -0.59 0.00	52.24 -0.80 0.00	52.96 -1.38 0.00	59.57 -2.00 0.00	61.46 -2.80 0.00	86.05 -4.97 0.00	86.34 -4.34 0.00	88.01 -3.02 0.00	56.46 -1.70 3.52	38.39 -1.28 29.01	48.74 -0.59 0.00	46.84 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.29 0.90 0.00	32.76 0.09 0.00	27.94 -0.05 0.00	29.33 -0.28 0.00	29.55 -0.32 0.00	29.83 -0.17 0.00	30.71 -0.22 0.00	30.13 -0.39 0.00	27.65 -0.02 0.00	35.60 0.57 0.00	30.88 0.45 0.00	34.40 0.57 0.00	49.82 0.81 0.00	53.77 0.73 0.00	54.70 0.35 0.00	60.78 -0.80 0.00	63.50 -0.76 0.00	90.28 -0.75 0.00	90.99 0.31 0.00	92.22 1.19 0.00	61.57 -0.11 0.00	68.54 -0.14 0.00	49.43 0.10 0.00	47.62 0.22 0.00
EMPIRE_CC_1 323656	44.97 0.59 0.00	33.44 0.77 0.00	28.69 0.71 0.00	30.44 0.83 0.00	30.67 0.80 0.00	30.74 0.73 0.00	31.55 0.62 0.00	30.94 0.42 0.00	28.05 0.38 0.00	35.14 0.12 0.00	30.53 0.10 0.00	33.82 -0.01 0.00	48.80 -0.21 0.00	52.82 -0.23 0.00	54.47 0.13 0.00	62.05 0.48 0.00	65.35 1.09 0.00	93.63 2.60 0.00	92.94 2.25 0.00	92.37 1.34 0.00	62.65 0.97 0.00	69.07 0.40 0.00	49.36 0.02 0.00	47.60 0.20 0.00
EMPIRE_CC_2 323658	44.97 0.59 0.00	33.44 0.77 0.00	28.69 0.71 0.00	30.44 0.83 0.00	30.67 0.80 0.00	30.74 0.73 0.00	31.55 0.62 0.00	30.94 0.42 0.00	28.05 0.38 0.00	35.14 0.12 0.00	30.53 0.10 0.00	33.82 -0.01 0.00	48.80 -0.21 0.00	52.82 -0.23 0.00	54.47 0.13 0.00	62.05 0.48 0.00	65.35 1.09 0.00	93.63 2.60 0.00	92.94 2.25 0.00	92.37 1.34 0.00	62.65 0.97 0.00	69.07 0.40 0.00	49.36 0.02 0.00	47.60 0.20 0.00
ENORWICH_115KV_TB1 80156	46.99 2.61 0.00	34.45 1.79 0.00	29.53 1.55 0.00	31.17 1.56 0.00	31.34 1.47 0.00	31.50 1.50 0.00	32.43 1.50 0.00	32.00 1.48 0.00	29.15 1.48 0.00	37.12 2.10 0.00	32.33 1.90 0.00	35.86 2.04 0.00	51.99 2.98 0.00	56.19 3.14 0.00	57.53 3.19 0.00	64.94 3.37 0.00	68.56 4.30 0.00	98.38 7.35 0.00	98.84 8.16 0.00	100.24 9.20 0.00	67.26 5.57 0.00	73.70 5.03 0.00	52.22 2.89 0.00	49.96 2.56 0.00
ERIE_ST__34_KV_TB1-2 80199	45.63 1.24 0.00	32.97 0.30 0.00	28.06 0.08 0.00	29.46 -0.16 0.00	29.69 -0.18 0.00	29.97 -0.04 0.00	30.83 -0.10 0.00	30.27 -0.25 0.00	27.79 0.12 0.00	35.82 0.79 0.00	31.12 0.69 0.00	34.69 0.87 0.00	50.41 1.40 0.00	54.47 1.43 0.00	55.39 1.04 0.00	61.68 0.11 0.00	64.59 0.33 0.00	91.98 0.96 0.00	92.79 2.11 0.00	93.76 2.73 0.00	62.56 0.88 0.00	69.51 0.83 0.00	50.00 0.67 0.00	48.03 0.63 0.00
ERIE_WT_PWR 323693	45.50 1.12 0.00	32.87 0.20 0.00	28.01 0.03 0.00	29.40 -0.21 0.00	29.59 -0.28 0.00	29.90 -0.10 0.00	30.74 -0.18 0.00	30.17 -0.35 0.00	27.72 0.04 0.00	35.68 0.66 0.00	30.98 0.55 0.00	34.50 0.67 0.00	50.01 1.00 0.00	53.94 0.90 0.00	54.88 0.54 0.00	61.09 -0.48 0.00	63.86 -0.40 0.00	90.94 -0.09 0.00	91.70 1.02 0.00	92.96 1.93 0.00	62.09 0.41 0.00	69.03 0.35 0.00	49.66 0.32 0.00	47.80 0.40 0.00
ESPRGFLD_115KV_TB1 80157	46.73 2.35 0.00	34.17 1.50 0.00	29.15 1.17 0.00	30.80 1.19 0.00	31.05 1.18 0.00	31.23 1.23 0.00	32.16 1.24 0.00	31.63 1.11 0.00	28.66 0.99 0.00	36.59 1.56 0.00	32.02 1.60 0.00	35.66 1.83 0.00	51.82 2.82 0.00	56.24 3.20 0.00	57.36 3.02 0.00	64.57 2.99 0.00	67.50 3.24 0.00	95.37 4.34 0.00	95.41 4.73 0.00	96.98 5.95 0.00	65.80 4.12 0.00	72.90 4.22 0.00	52.15 2.81 0.00	49.97 2.57 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.67 1.29 0.00	33.41 0.74 0.00	28.55 0.57 0.00	30.17 0.55 0.00	30.40 0.54 0.00	30.58 0.57 0.00	31.45 0.52 0.00	30.87 0.35 0.00	28.06 0.39 0.00	35.53 0.51 0.00	30.93 0.50 0.00	34.36 0.53 0.00	49.89 0.89 0.00	54.07 1.03 0.00	55.35 1.00 0.00	62.66 1.09 0.00	65.86 1.60 0.00	94.24 3.21 0.00	94.36 3.68 0.00	95.28 4.25 0.00	64.29 2.61 0.00	71.16 2.48 0.00	50.68 1.34 0.00	48.58 1.18 0.00
ETNA_____115KV_TB2 80207	45.67 1.29 0.00	33.41 0.74 0.00	28.55 0.57 0.00	30.17 0.55 0.00	30.40 0.54 0.00	30.58 0.57 0.00	31.45 0.52 0.00	30.87 0.35 0.00	28.06 0.39 0.00	35.53 0.51 0.00	30.93 0.50 0.00	34.36 0.53 0.00	49.89 0.89 0.00	54.07 1.03 0.00	55.35 1.00 0.00	62.66 1.09 0.00	65.86 1.60 0.00	94.24 3.21 0.00	94.36 3.68 0.00	95.28 4.25 0.00	64.29 2.61 0.00	71.16 2.48 0.00	50.68 1.34 0.00	48.58 1.18 0.00
EUCLID___115KV_TB2 356179	44.35 -0.14 -0.10	32.44 -0.22 0.00	27.75 -0.23 0.00	29.34 -0.27 0.00	29.56 -0.30 0.00	29.71 -0.29 0.00	30.58 -0.35 0.00	30.11 -0.41 0.00	27.36 -0.32 0.00	34.73 -0.30 0.00	30.22 -0.21 0.00	33.63 -0.20 0.00	48.78 -0.24 0.00	52.87 -0.22 -0.05	54.12 -0.22 0.00	62.20 -0.28 -0.90	66.28 0.01 -2.01	93.22 0.49 -1.71	94.58 0.67 -3.24	95.57 0.79 -3.75	64.72 0.28 -2.76	76.18 0.07 -7.43	50.71 -0.17 -1.55	48.64 -0.20 -1.44
E_CANADA_CAP_HY 24051	47.03 2.65 0.00	34.42 1.75 0.00	29.36 1.38 0.00	31.01 1.39 0.00	31.26 1.40 0.00	31.46 1.45 0.00	32.37 1.43 0.00	31.70 1.17 0.00	28.55 0.88 0.00	36.32 1.29 0.00	31.71 1.29 0.00	35.33 1.50 0.00	51.38 2.38 0.00	55.96 2.92 0.00	57.41 3.07 0.00	64.32 2.74 0.00	67.07 2.82 0.00	94.40 3.37 0.00	94.89 4.21 0.00	97.27 6.24 0.00	66.38 4.70 0.00	73.67 4.99 0.00	52.76 3.43 0.00	50.52 3.12 0.00
E_CANADA_MHWK_HY 24050	45.36 0.98 0.00	33.42 0.75 0.00	28.70 0.72 0.00	30.49 0.87 0.00	30.74 0.87 0.00	30.82 0.81 0.00	31.56 0.64 0.00	30.71 0.19 0.00	27.55 -0.13 0.00	34.30 -0.72 0.00	29.74 -0.69 0.00	33.03 -0.80 0.00	47.92 -1.09 0.00	52.40 -0.64 0.00	54.35 0.00 0.00	61.82 0.25 0.00	64.99 0.74 0.00	94.18 3.16 0.00	94.17 3.49 0.00	94.65 3.62 0.00	64.35 2.66 0.00	70.89 2.21 0.00	50.25 0.91 0.00	48.14 0.74 0.00
E_FISHKILL___LBMP 23776	46.50 2.11 0.00	34.31 1.64 0.00	29.36 1.38 0.00	31.07 1.46 0.00	31.21 1.35 0.00	31.33 1.33 0.00	32.15 1.22 0.00	31.59 1.07 0.00	28.81 1.14 0.00	36.22 1.19 0.00	31.60 1.17 0.00	35.07 1.24 0.00	50.67 1.66 0.00	54.74 1.69 0.00	56.14 1.80 0.00	64.02 2.45 0.00	67.77 3.51 0.00	97.26 6.23 0.00	96.40 5.71 0.00	95.70 4.67 0.00	64.63 2.95 0.00	70.97 2.29 0.00	50.67 1.33 0.00	48.94 1.53 0.00
FALCON___SEABRD_CC1 323796	43.68 -0.70 0.00	32.27 -0.40 0.00	27.68 -0.30 0.00	29.18 -0.44 0.00	29.55 -0.32 0.00	29.71 -0.29 0.00	30.81 -0.11 0.00	30.49 -0.03 0.00	27.66 -0.01 0.00	34.96 -0.07 0.00	30.07 -0.36 0.00	33.47 -0.36 0.00	48.52 -0.49 0.00	52.25 -0.79 0.00	52.55 -1.80 0.00	59.03 -2.55 0.00	60.88 -3.38 0.00	85.26 -5.77 0.00	85.46 -5.23 0.00	87.26 -3.77 0.00	55.63 -2.22 3.83	35.25 -1.91 31.52	48.35 -0.99 0.00	46.65 -0.76 0.00
FALCON___SEABRD_CC2 323797	43.68 -0.70 0.00	32.27 -0.40 0.00	27.68 -0.30 0.00	29.18 -0.44 0.00	29.55 -0.32 0.00	29.71 -0.29 0.00	30.81 -0.11 0.00	30.49 -0.03 0.00	27.66 -0.01 0.00	34.96 -0.07 0.00	30.07 -0.36 0.00	33.47 -0.36 0.00	48.52 -0.49 0.00	52.25 -0.79 0.00	52.55 -1.80 0.00	59.03 -2.55 0.00	60.88 -3.38 0.00	85.26 -5.77 0.00	85.46 -5.23 0.00	87.26 -3.77 0.00	55.63 -2.22 3.83	35.25 -1.91 31.52	48.35 -0.99 0.00	46.65 -0.76 0.00

FAR ROCKAWAY___4 23548	48.21 3.83 0.00	35.39 2.73 0.00	30.17 2.19 0.00	31.84 2.23 0.00	31.86 2.00 0.00	31.97 1.97 0.00	32.74 1.81 0.00	32.16 1.64 0.00	29.53 1.85 0.00	37.17 2.15 0.00	32.30 1.87 0.00	35.98 2.15 0.00	52.22 3.21 0.00	56.58 3.53 0.00	58.05 3.71 0.00	66.32 4.74 0.00	70.23 5.97 0.00	101.73 9.78 -0.92	99.54 8.86 0.00	98.50 7.46 0.00	66.38 4.69 0.00	72.89 4.21 0.00	73.59 2.70 -21.55	50.49 3.09 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.28 2.89 0.00	34.89 2.22 0.00	29.84 1.85 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.76 1.75 0.00	32.56 1.63 0.00	32.01 1.48 0.00	29.31 1.64 0.00	36.85 1.82 0.00	32.20 1.77 0.00	35.76 1.93 0.00	51.64 2.63 0.00	55.72 2.67 0.00	57.00 2.66 0.00	64.95 3.38 0.00	68.98 4.72 0.00	99.06 8.03 0.00	98.10 7.42 0.00	97.31 6.28 0.00	65.65 3.96 0.00	71.94 3.26 0.00	51.43 2.09 0.00	49.70 2.30 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.31 2.92 0.00	34.91 2.24 0.00	29.84 1.86 0.00	31.55 1.94 0.00	31.66 1.79 0.00	31.77 1.76 0.00	32.57 1.64 0.00	32.02 1.50 0.00	29.32 1.65 0.00	36.86 1.83 0.00	32.22 1.79 0.00	35.77 1.95 0.00	51.65 2.65 0.00	55.74 2.70 0.00	57.01 2.67 0.00	64.98 3.40 0.00	69.01 4.75 0.00	99.10 8.08 0.00	98.15 7.47 0.00	97.35 6.32 0.00	65.67 3.99 0.00	71.98 3.30 0.00	51.45 2.11 0.00	49.72 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.23 2.85 0.00	34.86 2.20 0.00	29.82 1.83 0.00	31.52 1.91 0.00	31.63 1.76 0.00	31.74 1.73 0.00	32.54 1.61 0.00	31.99 1.47 0.00	29.29 1.62 0.00	36.82 1.80 0.00	32.18 1.75 0.00	35.74 1.91 0.00	51.59 2.58 0.00	55.67 2.62 0.00	56.95 2.61 0.00	64.89 3.32 0.00	68.92 4.66 0.00	98.96 7.94 0.00	98.01 7.33 0.00	97.22 6.19 0.00	65.58 3.90 0.00	71.87 3.19 0.00	51.38 2.04 0.00	49.65 2.25 0.00
FARRAGUT___LBMP 323566	47.21 2.83 0.00	34.84 2.18 0.00	29.79 1.81 0.00	31.50 1.89 0.00	31.60 1.73 0.00	31.71 1.71 0.00	32.52 1.59 0.00	31.96 1.44 0.00	29.27 1.59 0.00	36.79 1.77 0.00	32.15 1.73 0.00	35.71 1.88 0.00	51.55 2.54 0.00	55.61 2.57 0.00	56.90 2.56 0.00	64.83 3.26 0.00	68.85 4.59 0.00	98.87 7.85 0.00	97.92 7.23 0.00	97.11 6.08 0.00	65.52 3.84 0.00	71.80 3.13 0.00	51.33 1.99 0.00	49.60 2.20 0.00
FENNER___WINDPWR 24204	45.43 1.04 0.00	33.32 0.65 0.00	28.50 0.52 0.00	30.12 0.51 0.00	30.36 0.49 0.00	30.50 0.50 0.00	31.39 0.46 0.00	30.88 0.35 0.00	28.02 0.34 0.00	35.51 0.48 0.00	30.91 0.48 0.00	34.36 0.53 0.00	50.03 1.02 0.00	54.20 1.16 0.00	55.42 1.07 0.00	62.87 1.30 0.00	65.94 1.68 0.00	94.07 3.04 0.00	94.16 3.48 0.00	95.66 4.06 -0.57	67.15 2.59 -2.88	78.91 2.58 -7.65	50.72 1.38 0.00	48.50 1.10 0.00
FIBERTEK___ENERGY 23856	44.96 0.36 -0.21	32.78 0.12 0.00	28.02 0.04 0.00	29.64 0.03 0.00	29.87 0.00 0.00	30.02 0.01 0.00	30.89 -0.04 0.00	30.39 -0.13 0.00	27.63 -0.05 0.00	35.05 0.02 0.00	30.52 0.09 0.00	33.96 0.13 0.00	49.29 0.28 0.00	53.50 0.36 -0.09	54.68 0.34 0.00	63.87 0.41 -1.88	69.21 0.75 -4.19	96.23 1.65 -3.55	99.24 1.82 -6.74	100.86 2.02 -7.80	67.83 1.14 -5.01	79.08 1.00 -9.41	52.97 0.42 -3.22	50.73 0.33 -3.00
FITZPATRICK___ 23598	41.43 -0.98 1.97	31.86 -0.81 0.00	27.28 -0.70 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.79 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.11 -0.92 0.00	29.68 -0.75 0.00	33.00 -0.83 0.00	47.83 -1.18 0.00	50.92 -1.26 0.86	53.04 -1.30 0.00	42.49 -1.52 17.57	23.76 -1.38 39.12	56.24 -1.61 33.17	26.37 -1.47 62.85	16.92 -1.32 72.79	18.66 -1.05 41.97	18.59 -1.34 48.76	18.16 -1.13 30.04	18.30 -1.11 28.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.19 2.81 0.00	34.76 2.10 0.00	29.73 1.75 0.00	31.46 1.85 0.00	31.62 1.75 0.00	31.73 1.72 0.00	32.56 1.63 0.00	32.02 1.49 0.00	29.21 1.54 0.00	36.79 1.77 0.00	32.14 1.71 0.00	35.73 1.90 0.00	51.71 2.70 0.00	55.91 2.86 0.00	57.38 3.03 0.00	65.47 3.90 0.00	69.36 5.10 0.00	99.65 8.63 0.00	98.86 8.18 0.00	98.15 7.11 0.00	66.15 4.47 0.00	72.56 3.88 0.00	51.70 2.36 0.00	49.81 2.41 0.00
FORT ORANGE___ 23900	45.16 0.78 0.00	33.54 0.87 0.00	28.87 0.89 0.00	30.61 1.00 0.00	30.84 0.97 0.00	30.95 0.94 0.00	31.80 0.87 0.00	31.22 0.70 0.00	28.25 0.57 0.00	35.28 0.25 0.00	30.35 -0.08 0.00	33.63 -0.20 0.00	48.62 -0.39 0.00	52.53 -0.51 0.00	54.14 -0.21 0.00	61.66 0.08 0.00	64.80 0.54 0.00	92.90 1.88 0.00	92.44 1.76 0.00	92.22 1.18 0.00	62.55 0.87 0.00	69.11 0.43 0.00	49.32 -0.02 0.00	47.44 0.04 0.00
FORT_DRUM_COGEN 23780	45.47 0.88 -0.20	33.20 0.53 0.00	28.21 0.22 0.00	29.84 0.22 0.00	30.03 0.16 0.00	30.20 0.19 0.00	31.13 0.20 0.00	30.64 0.11 0.00	27.97 0.30 0.00	35.65 0.62 0.00	31.12 0.69 0.00	34.17 0.34 0.00	49.37 0.37 0.00	53.52 0.38 -0.09	54.50 0.16 0.00	64.10 0.70 -1.83	70.05 1.72 -4.08	96.68 2.19 -3.46	101.60 4.36 -6.56	110.11 7.65 -11.43	91.15 5.81 -23.65	131.88 6.89 -56.30	55.44 2.97 -3.14	51.57 1.25 -2.92
FOX_HILLS___ESR 323835	47.25 2.87 0.00	34.90 2.23 0.00	29.84 1.85 0.00	31.57 1.96 0.00	31.63 1.76 0.00	31.78 1.77 0.00	32.55 1.62 0.00	31.98 1.45 0.00	29.32 1.65 0.00	36.80 1.77 0.00	32.20 1.78 0.00	35.69 1.86 0.00	51.39 2.37 0.00	55.40 2.36 0.00	56.54 2.31 0.11	64.22 3.00 0.35	68.55 4.29 0.00	98.45 7.43 0.01	97.50 6.82 0.00	96.80 5.76 0.00	65.42 3.74 0.00	71.66 2.98 0.00	51.24 1.90 0.00	49.55 2.15 0.00
FPL_FAR_ROCK_GT1 24212	48.21 3.82 0.00	35.39 2.72 0.00	30.17 2.18 0.00	31.84 2.23 0.00	31.86 2.00 0.00	31.97 1.97 0.00	32.75 1.81 0.00	32.17 1.64 0.00	29.53 1.85 0.00	37.17 2.15 0.00	32.30 1.87 0.00	35.98 2.15 0.00	52.22 3.21 0.00	56.58 3.54 0.00	58.05 3.71 0.00	66.32 4.74 0.00	70.23 5.97 0.00	101.64 9.69 -0.92	99.55 8.86 0.00	98.50 7.46 0.00	66.38 4.69 0.00	72.89 4.21 0.00	73.60 2.71 -21.55	50.50 3.10 0.00
FPL_FAR_ROCK_GT2 23815	48.21 3.82 0.00	35.39 2.72 0.00	30.17 2.18 0.00	31.84 2.23 0.00	31.86 2.00 0.00	31.97 1.97 0.00	32.75 1.81 0.00	32.17 1.64 0.00	29.53 1.85 0.00	37.17 2.15 0.00	32.30 1.87 0.00	35.98 2.15 0.00	52.22 3.21 0.00	56.58 3.54 0.00	58.05 3.71 0.00	66.32 4.74 0.00	70.23 5.97 0.00	101.64 9.69 -0.92	99.55 8.86 0.00	98.50 7.46 0.00	66.38 4.69 0.00	72.89 4.21 0.00	73.60 2.71 -21.55	50.50 3.10 0.00
FRANKLIN_FALL_HYD 24054	43.86 -0.52 0.00	32.38 -0.29 0.00	27.74 -0.24 0.00	29.21 -0.40 0.00	29.58 -0.29 0.00	29.77 -0.24 0.00	30.84 -0.09 0.00	30.58 0.06 0.00	27.80 0.12 0.00	35.28 0.25 0.00	30.42 -0.01 0.00	33.93 0.10 0.00	49.21 0.20 0.00	53.11 0.06 0.00	53.95 -0.39 0.00	60.75 -0.82 0.00	62.61 -1.65 0.00	87.58 -3.44 0.00	87.90 -2.78 0.00	94.88 -0.76 -4.61	116.14 -0.20 -54.65	390.05 0.62 -320.75	50.11 0.77 0.00	47.90 0.50 0.00

FREEPORT_EQUS_GT1 23764	47.92 3.54 0.00	35.17 2.50 0.00	29.97 1.99 0.00	31.64 2.02 0.00	31.64 1.78 0.00	31.75 1.74 0.00	32.51 1.58 0.00	31.92 1.40 0.00	29.30 1.63 0.00	36.86 1.83 0.00	31.94 1.51 0.00	35.57 1.74 0.00	51.63 2.62 0.00	55.93 2.89 0.00	57.38 3.04 0.00	65.41 3.84 0.00	69.48 5.22 0.00	99.69 8.66 0.00	98.18 7.49 0.00	97.07 6.04 0.00	65.47 3.79 0.00	72.32 3.64 0.00	58.24 2.32 -6.58	50.04 2.64 0.00
FREEPORT___CT2 23818	47.92 3.54 0.00	35.17 2.50 0.00	29.97 1.99 0.00	31.64 2.02 0.00	31.64 1.78 0.00	31.75 1.74 0.00	32.51 1.58 0.00	31.92 1.40 0.00	29.30 1.63 0.00	36.86 1.83 0.00	31.94 1.51 0.00	35.57 1.74 0.00	51.63 2.62 0.00	55.93 2.89 0.00	57.38 3.04 0.00	65.41 3.84 0.00	69.48 5.22 0.00	99.69 8.66 0.00	98.18 7.49 0.00	97.07 6.04 0.00	65.47 3.79 0.00	72.32 3.64 0.00	58.24 2.32 -6.58	50.04 2.64 0.00
FRESHKLS_33_KV_LOAD 356253	47.33 2.94 0.00	34.94 2.27 0.00	29.87 1.89 0.00	31.60 1.99 0.00	31.65 1.78 0.00	31.81 1.80 0.00	32.58 1.65 0.00	32.00 1.48 0.00	29.33 1.66 0.00	36.79 1.77 0.00	32.19 1.77 0.00	35.68 1.85 0.00	51.31 2.31 0.00	55.30 2.26 0.00	56.46 2.24 0.11	64.20 2.97 0.35	68.56 4.30 0.00	98.49 7.47 0.01	97.58 6.90 0.00	96.98 5.95 0.00	65.58 3.90 0.00	71.85 3.17 0.00	51.33 1.99 0.00	49.64 2.24 0.00
FULTON COGEN____ 23766	44.60 -0.32 -0.53	32.30 -0.36 0.00	27.63 -0.35 0.00	29.22 -0.39 0.00	29.44 -0.43 0.00	29.59 -0.42 0.00	30.45 -0.48 0.00	29.98 -0.54 0.00	27.25 -0.43 0.00	34.56 -0.47 0.00	30.08 -0.35 0.00	33.47 -0.36 0.00	48.54 -0.47 0.00	52.83 -0.45 -0.23	53.83 -0.51 0.00	65.72 -0.56 -4.71	74.44 -0.31 -10.49	99.99 0.07 -8.89	107.82 0.28 -16.86	111.05 0.49 -19.52	73.75 0.12 -11.95	87.31 -0.11 -18.75	57.06 -0.33 -8.06	54.54 -0.37 -7.51
FULTON___LFGE 323630	47.17 2.78 0.00	34.57 1.91 0.00	29.53 1.55 0.00	31.23 1.61 0.00	31.48 1.61 0.00	31.64 1.64 0.00	32.47 1.54 0.00	31.64 1.11 0.00	28.28 0.61 0.00	35.68 0.65 0.00	31.05 0.62 0.00	34.53 0.71 0.00	50.22 1.21 0.00	54.97 1.93 0.00	56.74 2.39 0.00	63.63 2.06 0.00	66.76 2.50 0.00	94.60 3.57 0.00	95.43 4.74 0.00	97.91 6.88 0.00	66.89 5.20 0.00	74.10 5.42 0.00	52.93 3.59 0.00	50.65 3.25 0.00
G.F.CEMENT___DRP 24184	47.00 2.62 0.00	34.62 1.95 0.00	29.61 1.63 0.00	31.31 1.70 0.00	31.57 1.70 0.00	31.67 1.66 0.00	32.60 1.67 0.00	32.04 1.52 0.00	29.07 1.39 0.00	36.43 1.40 0.00	31.55 1.12 0.00	34.99 1.16 0.00	50.69 1.68 0.00	55.03 1.99 0.00	56.98 2.64 0.00	65.21 3.64 0.00	68.64 4.38 0.00	98.61 7.59 0.00	98.41 7.72 0.00	98.26 7.23 0.00	66.61 4.92 0.00	73.33 4.65 0.00	52.21 2.87 0.00	50.09 2.69 0.00
GARDENVILLE___LBMP 24039	45.38 0.99 0.00	32.76 0.09 0.00	27.91 -0.07 0.00	29.30 -0.31 0.00	29.52 -0.35 0.00	29.81 -0.20 0.00	30.69 -0.24 0.00	30.09 -0.44 0.00	27.59 -0.08 0.00	35.50 0.47 0.00	30.78 0.35 0.00	34.27 0.44 0.00	49.68 0.67 0.00	53.59 0.55 0.00	54.50 0.16 0.00	60.61 -0.96 0.00	63.38 -0.88 0.00	90.24 -0.79 0.00	91.04 0.36 0.00	92.38 1.35 0.00	61.76 0.08 0.00	68.68 0.00 0.00	49.44 0.10 0.00	47.53 0.13 0.00
GARDNVLA_35_KV_LD 355827	45.57 1.18 0.00	32.91 0.24 0.00	28.05 0.06 0.00	29.45 -0.17 0.00	29.65 -0.22 0.00	29.95 -0.05 0.00	30.82 -0.11 0.00	30.25 -0.27 0.00	27.77 0.10 0.00	35.78 0.75 0.00	31.06 0.63 0.00	34.61 0.78 0.00	50.19 1.18 0.00	54.18 1.14 0.00	55.12 0.77 0.00	61.29 -0.28 0.00	64.08 -0.18 0.00	91.23 0.20 0.00	92.00 1.32 0.00	93.23 2.20 0.00	62.25 0.57 0.00	69.23 0.55 0.00	49.85 0.51 0.00	47.93 0.53 0.00
GELCKHM___115KV_LOAD 80723	44.57 0.04 -0.15	32.56 -0.10 0.00	27.84 -0.14 0.00	29.46 -0.16 0.00	29.67 -0.19 0.00	29.82 -0.18 0.00	30.69 -0.23 0.00	30.21 -0.31 0.00	27.45 -0.22 0.00	34.84 -0.19 0.00	30.32 -0.11 0.00	33.74 -0.09 0.00	48.96 -0.05 0.00	53.10 -0.02 -0.06	54.33 -0.02 0.00	62.87 -0.04 -1.33	67.49 0.26 -2.96	94.43 0.89 -2.52	96.52 1.07 -4.76	97.78 1.23 -5.52	66.03 0.60 -3.74	77.39 0.42 -8.30	51.66 0.04 -2.28	49.51 -0.01 -2.12
GENERAL___MILLS 23808	45.47 1.09 0.00	32.85 0.18 0.00	28.00 0.02 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.91 -0.10 0.00	30.78 -0.15 0.00	30.20 -0.33 0.00	27.72 0.04 0.00	35.69 0.66 0.00	30.98 0.55 0.00	34.51 0.68 0.00	50.02 1.01 0.00	53.99 0.95 0.00	54.92 0.57 0.00	61.07 -0.50 0.00	63.85 -0.41 0.00	90.88 -0.14 0.00	91.63 0.95 0.00	92.86 1.82 0.00	62.01 0.33 0.00	68.97 0.29 0.00	49.67 0.34 0.00	47.79 0.39 0.00
GE_PLASTICS___DRP 24183	45.10 0.71 0.00	33.40 0.73 0.00	28.73 0.75 0.00	30.46 0.85 0.00	30.70 0.83 0.00	30.81 0.80 0.00	31.66 0.73 0.00	31.12 0.59 0.00	28.18 0.50 0.00	35.30 0.27 0.00	30.52 0.09 0.00	33.82 -0.01 0.00	48.89 -0.12 0.00	52.73 -0.32 0.00	54.28 -0.07 0.00	61.77 0.20 0.00	64.95 0.69 0.00	92.95 1.93 0.00	92.33 1.65 0.00	92.01 0.98 0.00	62.36 0.67 0.00	68.88 0.20 0.00	49.24 -0.10 0.00	47.40 0.00 0.00
GILBOA___1 23756	45.45 1.06 0.00	33.55 0.88 0.00	28.83 0.84 0.00	30.63 1.02 0.00	30.94 1.07 0.00	31.08 1.07 0.00	31.94 1.01 0.00	31.38 0.86 0.00	28.21 0.54 0.00	35.53 0.50 0.00	30.90 0.47 0.00	34.31 0.48 0.00	49.64 0.63 0.00	53.70 0.65 0.00	55.13 0.79 0.00	62.68 1.11 0.00	65.83 1.57 0.00	94.07 3.04 0.00	93.21 2.52 0.00	92.70 1.67 0.00	62.95 1.27 0.00	69.73 1.05 0.00	49.93 0.59 0.00	48.08 0.67 0.00
GILBOA___2 23757	45.45 1.06 0.00	33.55 0.88 0.00	28.83 0.84 0.00	30.63 1.02 0.00	30.94 1.07 0.00	31.08 1.07 0.00	31.94 1.01 0.00	31.38 0.86 0.00	28.21 0.54 0.00	35.53 0.50 0.00	30.90 0.47 0.00	34.31 0.48 0.00	49.64 0.63 0.00	53.70 0.65 0.00	55.13 0.79 0.00	62.68 1.11 0.00	65.83 1.57 0.00	94.07 3.04 0.00	93.21 2.52 0.00	92.70 1.67 0.00	62.95 1.27 0.00	69.73 1.05 0.00	49.93 0.59 0.00	48.08 0.67 0.00
GILBOA___3 23758	45.45 1.06 0.00	33.55 0.88 0.00	28.83 0.84 0.00	30.63 1.02 0.00	30.94 1.07 0.00	31.08 1.07 0.00	31.94 1.01 0.00	31.38 0.86 0.00	28.21 0.54 0.00	35.53 0.50 0.00	30.90 0.47 0.00	34.31 0.48 0.00	49.64 0.63 0.00	53.70 0.65 0.00	55.13 0.79 0.00	62.68 1.11 0.00	65.83 1.57 0.00	94.07 3.04 0.00	93.21 2.52 0.00	92.70 1.67 0.00	62.95 1.27 0.00	69.73 1.05 0.00	49.93 0.59 0.00	48.08 0.67 0.00
GILBOA___4 23759	45.45 1.06 0.00	33.55 0.88 0.00	28.83 0.84 0.00	30.63 1.02 0.00	30.94 1.07 0.00	31.08 1.07 0.00	31.94 1.01 0.00	31.38 0.86 0.00	28.21 0.54 0.00	35.53 0.50 0.00	30.90 0.47 0.00	34.31 0.48 0.00	49.64 0.63 0.00	53.70 0.65 0.00	55.13 0.79 0.00	62.68 1.11 0.00	65.83 1.57 0.00	94.07 3.04 0.00	93.21 2.52 0.00	92.70 1.67 0.00	62.95 1.27 0.00	69.73 1.05 0.00	49.93 0.59 0.00	48.08 0.67 0.00

GILBOA____ 23599	45.45 1.06 0.00	33.55 0.88 0.00	28.83 0.85 0.00	30.63 1.02 0.00	30.94 1.07 0.00	31.08 1.07 0.00	31.94 1.01 0.00	31.38 0.86 0.00	28.21 0.54 0.00	35.53 0.50 0.00	30.90 0.47 0.00	34.31 0.48 0.00	49.64 0.63 0.00	53.69 0.65 0.00	55.13 0.79 0.00	62.68 1.11 0.00	65.83 1.57 0.00	94.07 3.04 0.00	93.21 2.53 0.00	92.70 1.67 0.00	62.95 1.26 0.00	69.73 1.05 0.00	49.93 0.59 0.00	48.08 0.68 0.00
GINNA____ 23603	43.58 -0.80 0.00	31.75 -0.92 0.00	27.08 -0.90 0.00	28.51 -1.10 0.00	28.71 -1.16 0.00	28.89 -1.12 0.00	29.75 -1.18 0.00	29.29 -1.24 0.00	26.79 -0.89 0.00	34.32 -0.71 0.00	29.88 -0.55 0.00	33.36 -0.47 0.00	48.40 -0.60 0.00	52.44 -0.60 0.00	53.61 -0.73 0.00	60.22 -1.36 0.00	63.07 -1.19 0.00	89.68 -1.35 0.00	89.85 -0.83 0.00	90.92 -0.11 0.00	61.02 -0.67 0.00	67.74 -0.94 0.00	48.51 -0.83 0.00	46.50 -0.90 0.00
GLEN PARK____ 23778	45.77 1.17 -0.22	33.40 0.73 0.00	28.37 0.39 0.00	30.01 0.39 0.00	30.20 0.33 0.00	30.38 0.37 0.00	31.30 0.37 0.00	30.78 0.25 0.00	28.10 0.42 0.00	35.82 0.79 0.00	31.29 0.86 0.00	34.31 0.49 0.00	49.54 0.53 0.00	53.71 0.57 -0.09	54.70 0.36 0.00	64.45 0.94 -1.94	70.56 1.99 -4.31	97.33 2.65 -3.65	102.46 4.85 -6.93	111.05 8.36 -11.65	90.90 6.35 -22.87	130.04 7.52 -53.85	56.04 3.39 -3.31	52.12 1.64 -3.09
GLENDALE_27_KV_LOAD 356172	47.34 2.96 0.00	35.04 2.37 0.00	29.97 1.99 0.00	31.72 2.11 0.00	31.80 1.93 0.00	31.93 1.93 0.00	32.73 1.80 0.00	32.17 1.65 0.00	29.51 1.83 0.00	37.03 2.00 0.00	32.43 2.01 0.00	35.94 2.12 0.00	51.76 2.75 0.00	55.70 2.66 0.00	56.22 2.53 0.65	63.26 3.20 1.52	68.35 4.54 0.45	69.73 7.75 29.05	89.47 7.17 8.39	96.40 6.02 0.66	65.54 3.85 0.00	71.54 3.09 0.23	51.27 2.00 0.06	49.66 2.25 0.00
GLENWOOD_IC_1_G5 23712	47.56 3.17 0.00	34.99 2.33 0.00	29.87 1.89 0.00	31.57 1.95 0.00	31.62 1.76 0.00	31.73 1.72 0.00	32.51 1.58 0.00	31.94 1.42 0.00	29.27 1.60 0.00	36.84 1.81 0.00	32.09 1.66 0.00	35.69 1.87 0.00	51.71 2.71 0.00	55.95 2.91 0.00	57.36 3.02 0.00	65.29 3.72 0.00	69.29 5.03 0.00	99.52 8.49 0.00	98.05 7.36 0.00	97.08 6.04 0.00	65.44 3.75 0.00	71.94 3.26 0.00	54.94 2.22 -3.39	49.86 2.46 0.00
GLENWOOD_IC_2_G1 23688	47.29 2.90 0.00	34.83 2.16 0.00	29.75 1.77 0.00	31.45 1.84 0.00	31.53 1.66 0.00	31.64 1.64 0.00	32.44 1.51 0.00	31.87 1.34 0.00	29.17 1.49 0.00	36.69 1.66 0.00	31.98 1.55 0.00	35.53 1.70 0.00	51.43 2.42 0.00	55.60 2.56 0.00	56.98 2.64 0.00	64.99 3.42 0.00	68.96 4.70 0.00	98.97 7.94 0.00	97.92 7.23 0.00	97.05 6.01 0.00	65.46 3.77 0.00	71.84 3.17 0.00	51.31 1.97 0.00	49.60 2.20 0.00
GLENWOOD_IC_3_G1 23689	47.29 2.90 0.00	34.83 2.16 0.00	29.75 1.77 0.00	31.45 1.84 0.00	31.53 1.66 0.00	31.64 1.64 0.00	32.44 1.51 0.00	31.87 1.34 0.00	29.17 1.49 0.00	36.69 1.66 0.00	31.98 1.55 0.00	35.53 1.70 0.00	51.43 2.42 0.00	55.60 2.56 0.00	56.98 2.64 0.00	64.99 3.42 0.00	68.96 4.70 0.00	98.97 7.94 0.00	97.92 7.23 0.00	97.05 6.01 0.00	65.46 3.77 0.00	71.84 3.17 0.00	51.31 1.97 0.00	49.60 2.20 0.00
GLENWOOD____4 23550	47.56 3.17 0.00	34.99 2.33 0.00	29.87 1.89 0.00	31.57 1.95 0.00	31.62 1.76 0.00	31.73 1.72 0.00	32.51 1.58 0.00	31.94 1.42 0.00	29.27 1.60 0.00	36.84 1.81 0.00	32.09 1.66 0.00	35.69 1.87 0.00	51.71 2.71 0.00	55.95 2.91 0.00	57.37 3.03 0.00	65.37 3.80 0.00	69.38 5.12 0.00	99.63 8.60 0.00	98.25 7.56 0.00	97.32 6.29 0.00	65.58 3.89 0.00	72.07 3.39 0.00	54.94 2.22 -3.39	49.86 2.46 0.00
GLENWOOD____5 23614	47.56 3.17 0.00	34.99 2.33 0.00	29.87 1.89 0.00	31.57 1.95 0.00	31.62 1.76 0.00	31.73 1.72 0.00	32.51 1.58 0.00	31.94 1.42 0.00	29.27 1.60 0.00	36.84 1.81 0.00	32.09 1.66 0.00	35.69 1.87 0.00	51.71 2.71 0.00	55.95 2.91 0.00	57.37 3.03 0.00	65.37 3.80 0.00	69.38 5.12 0.00	99.63 8.60 0.00	98.25 7.56 0.00	97.32 6.29 0.00	65.58 3.89 0.00	72.07 3.39 0.00	54.94 2.22 -3.39	49.86 2.46 0.00
GLOBAL GREEN_PORT_GT1 23814	48.54 4.16 0.00	35.52 2.85 0.00	30.16 2.18 0.00	31.77 2.16 0.00	31.67 1.80 0.00	31.69 1.69 0.00	32.44 1.51 0.00	31.90 1.37 0.00	29.57 1.90 0.00	37.34 2.31 0.00	32.23 1.81 0.00	34.65 2.35 1.53	50.13 3.68 2.55	56.08 4.02 0.99	58.54 4.19 0.00	67.07 5.49 0.00	71.70 7.44 0.00	213.43 11.73 -110.67	230.66 8.94 -131.05	128.26 8.15 -29.07	66.86 5.18 0.00	73.34 4.71 0.05	50.43 2.89 1.79	50.46 3.06 0.00
GLOBE____DSASP 323697	44.12 -0.27 0.00	32.08 -0.58 0.00	27.47 -0.52 0.00	28.82 -0.79 0.00	29.01 -0.86 0.00	29.27 -0.73 0.00	30.16 -0.77 0.00	29.46 -1.07 0.00	26.95 -0.72 0.00	34.68 -0.35 0.00	30.04 -0.39 0.00	33.48 -0.35 0.00	48.31 -0.70 0.00	52.08 -0.97 0.00	53.01 -1.33 0.00	58.64 -2.93 0.00	61.15 -3.11 0.00	86.55 -4.48 0.00	87.34 -3.35 0.00	88.85 -2.19 0.00	59.31 -2.37 0.00	66.22 -2.46 0.00	48.07 -1.28 0.00	46.67 -0.73 0.00
GOETHSLN____LBMP 323567	47.01 2.62 0.00	34.69 2.02 0.00	29.66 1.68 0.00	31.35 1.73 0.00	31.45 1.58 0.00	31.57 1.56 0.00	32.35 1.42 0.00	31.80 1.28 0.00	29.13 1.45 0.00	36.61 1.58 0.00	31.99 1.56 0.00	35.52 1.69 0.00	51.25 2.24 0.00	55.26 2.22 0.00	56.37 2.16 0.13	64.03 2.81 0.36	66.63 4.15 1.78	98.23 7.21 0.02	97.25 6.57 0.01	96.45 5.42 0.01	65.10 3.42 0.01	71.33 2.65 0.00	51.04 1.70 0.00	49.37 1.97 0.00
GOLAH____69_KV_TB 1_2 80279	46.08 1.69 0.00	33.49 0.83 0.00	28.56 0.58 0.00	30.03 0.42 0.00	30.23 0.36 0.00	30.46 0.45 0.00	31.37 0.44 0.00	30.82 0.30 0.00	28.15 0.48 0.00	36.10 1.07 0.00	31.39 0.96 0.00	35.01 1.18 0.00	50.84 1.83 0.00	55.04 1.99 0.00	56.17 1.82 0.00	62.90 1.33 0.00	65.78 1.53 0.00	93.54 2.51 0.00	94.06 3.38 0.00	95.51 4.48 0.00	76.47 2.39 -12.39	71.25 2.57 0.00	51.10 1.77 0.00	48.99 1.59 0.00
GOODYEAR_LAKE_HYD 323669	46.28 1.89 0.00	33.93 1.27 0.00	29.03 1.05 0.00	30.72 1.11 0.00	30.95 1.08 0.00	31.12 1.11 0.00	32.02 1.09 0.00	31.51 0.99 0.00	28.58 0.91 0.00	36.32 1.30 0.00	31.74 1.31 0.00	35.30 1.47 0.00	51.19 2.18 0.00	55.45 2.41 0.00	56.63 2.29 0.00	64.10 2.53 0.00	67.30 3.04 0.00	95.81 4.79 0.00	95.46 4.78 0.00	95.99 4.96 0.00	64.90 3.21 0.00	71.75 3.07 0.00	51.26 1.92 0.00	49.20 1.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.19 0.81 0.00	33.00 0.33 0.00	28.22 0.24 0.00	29.84 0.23 0.00	30.09 0.22 0.00	30.31 0.30 0.00	31.14 0.21 0.00	30.56 0.03 0.00	27.81 0.13 0.00	35.26 0.24 0.00	30.70 0.27 0.00	34.14 0.31 0.00	49.56 0.55 0.00	53.65 0.60 0.00	54.81 0.47 0.00	62.02 0.44 0.00	65.13 0.87 0.00	93.25 2.22 0.00	92.82 2.14 0.00	93.16 2.13 0.00	62.72 1.04 0.00	69.49 0.81 0.00	49.66 0.32 0.00	47.75 0.35 0.00

GOUDEY___7 23579	45.19 0.81 0.00	33.00 0.33 0.00	28.22 0.24 0.00	29.84 0.23 0.00	30.09 0.22 0.00	30.31 0.30 0.00	31.14 0.21 0.00	30.56 0.03 0.00	27.81 0.13 0.00	35.26 0.24 0.00	30.70 0.27 0.00	34.14 0.31 0.00	49.56 0.55 0.00	53.65 0.60 0.00	54.81 0.47 0.00	62.02 0.44 0.00	65.13 0.87 0.00	93.25 2.22 0.00	92.82 2.14 0.00	93.16 2.13 0.00	62.72 1.04 0.00	69.49 0.81 0.00	49.66 0.32 0.00	47.75 0.35 0.00
GOUDEY___8 23580	45.19 0.81 0.00	33.00 0.33 0.00	28.22 0.24 0.00	29.84 0.23 0.00	30.09 0.22 0.00	30.31 0.30 0.00	31.14 0.21 0.00	30.56 0.03 0.00	27.81 0.13 0.00	35.26 0.24 0.00	30.70 0.27 0.00	34.14 0.31 0.00	49.56 0.55 0.00	53.65 0.60 0.00	54.81 0.47 0.00	62.02 0.44 0.00	65.13 0.87 0.00	93.25 2.22 0.00	92.82 2.14 0.00	93.16 2.13 0.00	62.72 1.04 0.00	69.49 0.81 0.00	49.66 0.32 0.00	47.75 0.35 0.00
GOWANUS_GT1_1 24077	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT1_2 24078	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT1_3 24079	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT1_4 24080	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT1_5 24084	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT1_6 24111	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT1_7 24112	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT1_8 24113	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT2_1 24114	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
GOWANUS_GT2_2 24115	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
GOWANUS_GT2_3 24116	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
GOWANUS_GT2_4 24117	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
GOWANUS_GT2_5 24118	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00

GOWANUS_GT2_6 24119	47.31 <u>2.92</u> 0.00	34.95 <u>2.28</u> 0.00	29.89 <u>1.91</u> 0.00	31.63 <u>2.01</u> 0.00	31.69 <u>1.83</u> 0.00	31.84 <u>1.83</u> 0.00	32.64 <u>1.71</u> 0.00	32.07 <u>1.54</u> 0.00	29.39 <u>1.72</u> 0.00	36.89 <u>1.86</u> 0.00	32.30 <u>1.87</u> 0.00	35.80 <u>1.97</u> 0.00	51.56 <u>2.55</u> 0.00	55.60 <u>2.56</u> 0.00	56.73 <u>2.50</u> 0.12	64.41 <u>3.18</u> 0.35	68.74 <u>4.49</u> 0.01	98.71 <u>7.69</u> 0.01	97.73 <u>7.05</u> 0.01	96.92 <u>5.89</u> 0.01	65.47 <u>3.79</u> 0.01	71.68 <u>3.01</u> 0.01	51.29 <u>1.96</u> 0.00	49.59 <u>2.20</u> 0.00
GOWANUS_GT2_7 24120	47.31 <u>2.92</u> 0.00	34.95 <u>2.28</u> 0.00	29.89 <u>1.91</u> 0.00	31.63 <u>2.01</u> 0.00	31.69 <u>1.83</u> 0.00	31.84 <u>1.83</u> 0.00	32.64 <u>1.71</u> 0.00	32.07 <u>1.54</u> 0.00	29.39 <u>1.72</u> 0.00	36.89 <u>1.86</u> 0.00	32.30 <u>1.87</u> 0.00	35.80 <u>1.97</u> 0.00	51.56 <u>2.55</u> 0.00	55.60 <u>2.56</u> 0.00	56.73 <u>2.50</u> 0.12	64.41 <u>3.18</u> 0.35	68.74 <u>4.49</u> 0.01	98.71 <u>7.69</u> 0.01	97.73 <u>7.05</u> 0.01	96.92 <u>5.89</u> 0.01	65.47 <u>3.79</u> 0.01	71.68 <u>3.01</u> 0.01	51.29 <u>1.96</u> 0.00	49.59 <u>2.20</u> 0.00
GOWANUS_GT2_8 24121	47.31 <u>2.92</u> 0.00	34.95 <u>2.28</u> 0.00	29.89 <u>1.91</u> 0.00	31.63 <u>2.01</u> 0.00	31.69 <u>1.83</u> 0.00	31.84 <u>1.83</u> 0.00	32.64 <u>1.71</u> 0.00	32.07 <u>1.54</u> 0.00	29.39 <u>1.72</u> 0.00	36.89 <u>1.86</u> 0.00	32.30 <u>1.87</u> 0.00	35.80 <u>1.97</u> 0.00	51.56 <u>2.55</u> 0.00	55.60 <u>2.56</u> 0.00	56.73 <u>2.50</u> 0.12	64.41 <u>3.18</u> 0.35	68.74 <u>4.49</u> 0.01	98.71 <u>7.69</u> 0.01	97.73 <u>7.05</u> 0.01	96.92 <u>5.89</u> 0.01	65.47 <u>3.79</u> 0.01	71.68 <u>3.01</u> 0.01	51.29 <u>1.96</u> 0.00	49.59 <u>2.20</u> 0.00
GOWANUS_GT3_1 24122	47.31 <u>2.92</u> 0.00	34.95 <u>2.28</u> 0.00	29.89 <u>1.91</u> 0.00	31.63 <u>2.01</u> 0.00	31.69 <u>1.83</u> 0.00	31.84 <u>1.83</u> 0.00	32.64 <u>1.71</u> 0.00	32.07 <u>1.54</u> 0.00	29.39 <u>1.72</u> 0.00	36.89 <u>1.86</u> 0.00	32.30 <u>1.87</u> 0.00	35.80 <u>1.97</u> 0.00	51.56 <u>2.55</u> 0.00	55.60 <u>2.56</u> 0.00	56.73 <u>2.50</u> 0.12	64.41 <u>3.18</u> 0.35	68.74 <u>4.49</u> 0.01	98.71 <u>7.69</u> 0.01	97.73 <u>7.05</u> 0.01	96.92 <u>5.89</u> 0.01	65.47 <u>3.79</u> 0.01	71.68 <u>3.01</u> 0.01	51.29 <u>1.96</u> 0.00	49.59 <u>2.20</u> 0.00
GOWANUS_GT3_2 24123	47.31 <u>2.92</u> 0.00	34.95 <u>2.28</u> 0.00	29.89 <u>1.91</u> 0.00	31.63 <u>2.01</u> 0.00	31.69 <u>1.83</u> 0.00	31.84 <u>1.83</u> 0.00	32.64 <u>1.71</u> 0.00	32.07 <u>1.54</u> 0.00	29.39 <u>1.72</u> 0.00	36.89 <u>1.86</u> 0.00	32.30 <u>1.87</u> 0.00	35.80 <u>1.97</u> 0.00	51.56 <u>2.55</u> 0.00	55.60 <u>2.56</u> 0.00	56.73 <u>2.50</u> 0.12	64.41 <u>3.18</u> 0.35	68.74 <u>4.49</u> 0.01	98.71 <u>7.69</u> 0.01	97.73 <u>7.05</u> 0.01	96.92 <u>5.89</u> 0.01	65.47 <u>3.79</u> 0.01	71.68 <u>3.01</u> 0.01	51.29 <u>1.96</u> 0.00	49.59 <u>2.20</u> 0.00
GOWANUS_GT3_3 24124	47.31 <u>2.92</u> 0.00	34.95 <u>2.28</u> 0.00	29.89 <u>1.91</u> 0.00	31.63 <u>2.01</u> 0.00	31.69 <u>1.83</u> 0.00	31.84 <u>1.83</u> 0.00	32.64 <u>1.71</u> 0.00	32.07 <u>1.54</u> 0.00	29.39 <u>1.72</u> 0.00	36.89 <u>1.86</u> 0.00	32.30 <u>1.87</u> 0.00	35.80 <u>1.97</u> 0.00	51.56 <u>2.55</u> 0.00	55.60 <u>2.56</u> 0.00	56.73 <u>2.50</u> 0.12	64.41 <u>3.18</u> 0.35	68.74 <u>4.49</u> 0.01	98.71 <u>7.69</u> 0.01	97.73 <u>7.05</u> 0.01	96.92 <u>5.89</u> 0.01	65.47 <u>3.79</u> 0.01	71.68 <u>3.01</u> 0.01	51.29 <u>1.96</u> 0.00	49.59 <u>2.20</u> 0.00
GOWANUS_GT3_4 24125	47.31 <u>2.92</u> 0.00	34.95 <u>2.28</u> 																						

GOWANUS_GT4_5 24134	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT4_6 24135	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT4_7 24136	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GOWANUS_GT4_8 24137	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GREATVRV_69_KV_BK1 356245	48.77 4.39 0.00	35.75 3.09 0.00	30.44 2.46 0.00	32.10 2.48 0.00	32.04 2.18 0.00	32.11 2.11 0.00	32.85 1.92 0.00	32.23 1.71 0.00	29.67 2.00 0.00	37.33 2.30 0.00	32.23 1.80 0.00	34.20 2.07 1.70	49.34 3.18 2.84	55.49 3.54 1.10	58.01 3.67 0.00	66.34 4.76 0.00	70.67 6.40 0.00	167.68 10.63 -66.03	178.41 9.60 -78.12	115.90 7.80 -17.07	66.54 4.86 0.00	72.99 4.37 0.05	50.86 2.83 1.30	50.59 3.19 0.00
GREENBSH_115KV_TB3 55895	44.89 0.50 0.00	33.34 0.67 0.00	28.71 0.73 0.00	30.45 0.84 0.00	30.68 0.81 0.00	30.78 0.78 0.00	31.62 0.69 0.00	31.08 0.55 0.00	28.16 0.49 0.00	35.26 0.23 0.00	30.42 -0.01 0.00	33.72 -0.11 0.00	48.72 -0.29 0.00	52.64 -0.40 0.00	54.23 -0.11 0.00	61.75 0.18 0.00	64.94 0.68 0.00	93.03 2.01 0.00	92.42 1.73 0.00	92.03 1.00 0.00	62.37 0.68 0.00	68.85 0.17 0.00	49.17 -0.17 0.00	47.35 -0.05 0.00
GREENDGE_115KV_TB5 80291	45.86 1.48 0.00	33.23 0.56 0.00	28.32 0.34 0.00	29.85 0.24 0.00	30.09 0.22 0.00	30.34 0.33 0.00	31.22 0.29 0.00	30.61 0.08 0.00	27.89 0.21 0.00	35.47 0.45 0.00	30.82 0.39 0.00	34.30 0.47 0.00	49.92 0.91 0.00	53.90 0.86 0.00	55.04 0.70 0.00	61.73 0.16 0.00	64.98 0.72 0.00	92.82 1.79 0.00	92.98 2.29 0.00	94.13 3.10 0.00	63.60 1.92 0.00	70.41 1.74 0.00	50.47 1.13 0.00	48.41 1.01 0.00
GREENIDGE___3 23582	45.86 1.48 0.00	33.23 0.56 0.00	28.32 0.34 0.00	29.85 0.24 0.00	30.09 0.22 0.00	30.34 0.33 0.00	31.22 0.29 0.00	30.61 0.08 0.00	27.89 0.21 0.00	35.47 0.45 0.00	30.82 0.39 0.00	34.30 0.47 0.00	49.92 0.91 0.00	53.90 0.86 0.00	55.04 0.70 0.00	61.73 0.16 0.00	64.98 0.72 0.00	92.82 1.79 0.00	92.98 2.29 0.00	94.13 3.10 0.00	63.60 1.92 0.00	70.41 1.74 0.00	50.47 1.13 0.00	48.41 1.01 0.00
GREENIDGE___4 23583	45.86 1.48 0.00	33.24 0.57 0.00	28.32 0.34 0.00	29.85 0.24 0.00	30.09 0.22 0.00	30.34 0.33 0.00	31.21 0.28 0.00	30.60 0.07 0.00	27.89 0.21 0.00	35.47 0.45 0.00	30.82 0.39 0.00	34.30 0.47 0.00	49.91 0.91 0.00	53.90 0.85 0.00	55.04 0.70 0.00	61.73 0.15 0.00	64.98 0.72 0.00	92.84 1.81 0.00	92.98 2.30 0.00	94.13 3.10 0.00	63.59 1.91 0.00	70.41 1.73 0.00	50.44 1.11 0.00	48.41 1.01 0.00
GREENLWN_69_KV_BK 3 55738	47.44 3.06 0.00	34.86 2.20 0.00	29.70 1.71 0.00	31.36 1.74 0.00	31.32 1.46 0.00	31.41 1.41 0.00	32.13 1.20 0.00	31.48 0.95 0.00	28.90 1.23 0.00	36.32 1.30 0.00	31.24 0.81 0.00	24.86 0.89 9.86	33.99 1.46 16.48	48.34 1.65 6.36	56.10 1.76 0.00	64.18 2.61 0.00	68.29 4.03 0.00	73.03 7.40 25.39	67.98 6.25 28.95	89.15 4.48 6.37	64.33 2.65 0.00	70.40 1.87 0.14	48.83 1.01 1.51	48.97 1.57 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00
GRISSOM___SOLAR 323813	47.05 2.67 0.00	34.54 1.87 0.00	29.51 1.53 0.00	31.21 1.59 0.00	31.46 1.59 0.00	31.61 1.61 0.00	32.43 1.50 0.00	31.55 1.03 0.00	28.13 0.46 0.00	35.40 0.38 0.00	30.78 0.35 0.00	34.20 0.37 0.00	49.68 0.67 0.00	54.49 1.45 0.00	56.28 1.94 0.00	63.15 1.57 0.00	66.42 2.16 0.00	94.20 3.18 0.00	95.05 4.36 0.00	97.48 6.44 0.00	66.64 4.96 0.00	73.82 5.14 0.00	52.73 3.39 0.00	50.47 3.07 0.00
GROVEVILLE___HYD 323602	47.19 2.81 0.00	34.76 2.10 0.00	29.73 1.75 0.00	31.46 1.85 0.00	31.62 1.75 0.00	31.73 1.72 0.00	32.56 1.63 0.00	32.02 1.49 0.00	29.21 1.54 0.00	36.79 1.77 0.00	32.14 1.71 0.00	35.73 1.90 0.00	51.71 2.70 0.00	55.91 2.86 0.00	57.38 3.03 0.00	65.47 3.90 0.00	69.36 5.10 0.00	99.65 8.63 0.00	98.86 8.18 0.00	98.15 7.11 0.00	66.15 4.47 0.00	72.56 3.88 0.00	51.70 2.36 0.00	49.81 2.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.96 0.36 -0.21	32.78 0.12 0.00	28.02 0.04 0.00	29.64 0.03 0.00	29.87 0.00 0.00	30.02 0.01 0.00	30.89 -0.04 0.00	30.39 -0.13 0.00	27.63 -0.05 0.00	35.05 0.02 0.00	30.52 0.09 0.00	33.96 0.13 0.00	49.29 0.28 0.00	53.50 0.36 -0.09	54.68 0.34 0.00	63.87 0.41 -1.88	69.21 0.75 -4.19	96.23 1.65 -3.55	99.24 1.82 -6.74	100.86 2.02 -7.80	67.83 1.14 -5.01	79.08 1.00 -9.41	52.97 0.42 -3.22	50.73 0.33 -3.00
HAMLTNNY_34_KV_TB 80303	45.29 0.70 -0.20	33.00 0.33 0.00	28.18 0.20 0.00	29.78 0.17 0.00	30.01 0.14 0.00	30.16 0.16 0.00	31.05 0.12 0.00	30.52 -0.01 0.00	27.75 0.08 0.00	35.24 0.21 0.00	30.71 0.28 0.00	34.17 0.34 0.00	49.58 0.57 0.00	53.81 0.68 -0.09	55.06 0.72 0.00	64.00 0.66 -1.76	69.21 1.02 -3.93	96.37 2.01 -3.33	99.14 2.15 -6.31	100.97 2.63 -7.31	67.47 1.56 -4.22	75.05 1.48 -4.90	53.12 0.77 -3.02	50.88 0.67 -2.81

HAMPSHIRE___PAPER_HYD 323593	44.66 0.20 -0.08	32.77 0.10 0.00	27.96 -0.02 0.00	29.56 -0.05 0.00	29.78 -0.08 0.00	29.94 -0.06 0.00	30.90 -0.03 0.00	30.48 -0.04 0.00	27.76 0.09 0.00	35.28 0.26 0.00	30.63 0.20 0.00	33.93 0.10 0.00	49.15 0.14 0.00	53.16 0.08 -0.03	54.19 -0.15 0.00	62.21 -0.07 -0.71	65.80 -0.04 -1.58	91.27 -1.10 -1.34	93.47 0.25 -2.54	106.25 2.55 -12.67	114.67 2.38 -50.60	204.06 3.46 -131.93	52.09 1.53 -1.22	49.15 0.62 -1.13
HARDSCRABBLE_WT_PWR 323673	45.24 0.86 0.00	33.31 0.64 0.00	28.60 0.61 0.00	30.36 0.75 0.00	30.62 0.75 0.00	30.71 0.70 0.00	31.50 0.57 0.00	30.74 0.21 0.00	27.65 -0.03 0.00	34.57 -0.46 0.00	29.99 -0.44 0.00	33.32 -0.51 0.00	48.34 -0.67 0.00	52.74 -0.30 0.00	54.51 0.17 0.00	61.97 0.39 0.00	65.02 0.76 0.00	93.76 2.74 0.00	93.69 3.01 0.00	94.20 3.16 0.00	64.01 2.32 0.00	70.60 1.92 0.00	50.13 0.79 0.00	48.01 0.61 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.02 2.63 0.00	34.63 1.96 0.00	29.59 1.61 0.00	31.30 1.68 0.00	31.42 1.55 0.00	31.55 1.54 0.00	32.36 1.43 0.00	31.79 1.27 0.00	29.04 1.36 0.00	36.61 1.58 0.00	32.00 1.57 0.00	35.57 1.74 0.00	51.50 2.49 0.00	55.70 2.65 0.00	57.17 2.82 0.00	65.16 3.59 0.00	69.03 4.78 0.00	99.07 8.04 0.00	98.24 7.55 0.00	97.46 6.43 0.00	65.68 4.00 0.00	72.05 3.38 0.00	51.40 2.06 0.00	49.55 2.15 0.00
HARSNRAD_115KV_TB1 81005	45.21 0.83 0.00	32.73 0.06 0.00	27.90 -0.09 0.00	29.26 -0.35 0.00	29.48 -0.39 0.00	29.75 -0.26 0.00	30.63 -0.30 0.00	30.06 -0.46 0.00	27.54 -0.14 0.00	35.44 0.42 0.00	30.69 0.26 0.00	34.10 0.27 0.00	49.23 0.22 0.00	53.03 -0.01 0.00	54.00 -0.34 0.00	59.80 -1.77 0.00	62.40 -1.87 0.00	88.40 -2.63 0.00	89.18 -1.50 0.00	90.72 -0.31 0.00	60.64 -1.04 0.00	67.66 -1.02 0.00	48.97 -0.37 0.00	47.19 -0.21 0.00
HARZA MOOSE___RIVER 24016	45.13 0.69 -0.05	33.09 0.43 0.00	28.24 0.25 0.00	29.89 0.27 0.00	30.07 0.20 0.00	30.23 0.22 0.00	31.13 0.20 0.00	30.69 0.16 0.00	27.92 0.25 0.00	35.49 0.46 0.00	30.85 0.42 0.00	34.19 0.36 0.00	49.64 0.63 0.00	53.79 0.72 -0.02	54.94 0.59 0.00	63.05 0.99 -0.49	66.90 1.55 -1.10	94.19 2.23 -0.93	95.94 3.49 -1.76	100.82 5.05 -4.73	80.10 3.71 -14.71	110.22 4.23 -37.31	51.90 1.71 -0.84	48.97 0.78 -0.79
HDSNBRDG_115KV_BRDG_TB1 355580	44.46 0.07 0.00	32.58 -0.09 0.00	27.86 -0.12 0.00	29.46 -0.15 0.00	29.68 -0.18 0.00	29.83 -0.18 0.00	30.69 -0.23 0.00	30.21 -0.31 0.00	27.45 -0.22 0.00	34.84 -0.19 0.00	30.33 -0.10 0.00	33.76 -0.07 0.00	49.00 -0.01 0.00	53.09 0.04 0.00	54.34 0.00 0.00	61.59 0.02 0.00	64.63 0.37 0.00	92.11 1.08 0.00	91.94 1.26 0.00	92.37 1.33 0.00	62.88 0.62 -0.57	73.78 0.39 -4.71	49.36 0.03 0.00	47.40 0.00 0.00
HELLGATE_13_KV_LD 55870	47.48 3.10 0.00	35.15 2.49 0.00	30.07 2.09 0.00	31.82 2.21 0.00	31.91 2.04 0.00	32.04 2.03 0.00	32.84 1.91 0.00	32.27 1.75 0.00	29.62 1.94 0.00	37.15 2.12 0.00	32.55 2.12 0.00	36.07 2.24 0.00	51.93 2.92 0.00	55.91 2.87 0.00	56.64 2.72 0.42	63.97 3.39 1.00	68.73 4.76 0.29	79.88 8.04 19.18	92.60 7.45 5.54	96.91 6.31 0.43	65.74 4.06 0.00	71.84 3.31 0.15	51.45 2.15 0.04	49.83 2.43 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.48 3.10 0.00	35.15 2.49 0.00	30.07 2.09 0.00	31.82 2.21 0.00	31.91 2.04 0.00	32.04 2.03 0.00	32.84 1.91 0.00	32.27 1.75 0.00	29.62 1.94 0.00	37.15 2.12 0.00	32.55 2.12 0.00	36.07 2.24 0.00	51.93 2.92 0.00	55.91 2.87 0.00	56.64 2.72 0.42	63.97 3.39 1.00	68.73 4.76 0.29	79.88 8.04 19.18	92.60 7.45 5.54	96.91 6.31 0.43	65.74 4.06 0.00	71.84 3.31 0.15	51.45 2.15 0.04	49.83 2.43 0.00
HEMPSTEAD____ 23647	47.50 3.11 0.00	34.91 2.24 0.00	29.78 1.79 0.00	31.44 1.83 0.00	31.47 1.60 0.00	31.57 1.56 0.00	32.34 1.41 0.00	31.76 1.24 0.00	29.13 1.46 0.00	36.64 1.61 0.00	31.79 1.36 0.00	35.37 1.54 0.00	51.30 2.29 0.00	55.53 2.49 0.00	56.96 2.61 0.00	65.00 3.43 0.00	69.04 4.78 0.00	99.10 8.07 0.00	97.78 7.10 0.00	96.71 5.68 0.00	65.19 3.51 0.00	71.68 3.00 0.00	55.69 1.89 -4.46	49.60 2.20 0.00
HICKLING___1 23621	45.57 1.18 0.00	32.93 0.26 0.00	28.05 0.07 0.00	29.58 -0.03 0.00	29.86 -0.01 0.00	30.16 0.15 0.00	30.99 0.06 0.00	30.28 -0.24 0.00	27.63 -0.04 0.00	35.18 0.15 0.00	30.60 0.17 0.00	34.04 0.21 0.00	49.52 0.51 0.00	53.61 0.57 0.00	54.62 0.28 0.00	61.46 -0.12 0.00	64.59 0.33 0.00	92.80 1.78 0.00	92.69 2.01 0.00	93.62 2.59 0.00	62.88 1.20 0.00	69.60 0.92 0.00	49.61 0.28 0.00	47.58 0.18 0.00
HICKLING___2 23622	45.57 1.18 0.00	32.93 0.26 0.00	28.05 0.07 0.00	29.58 -0.03 0.00	29.86 -0.01 0.00	30.16 0.15 0.00	30.99 0.06 0.00	30.28 -0.24 0.00	27.63 -0.04 0.00	35.18 0.15 0.00	30.60 0.17 0.00	34.04 0.21 0.00	49.52 0.51 0.00	53.61 0.57 0.00	54.62 0.28 0.00	61.46 -0.12 0.00	64.59 0.33 0.00	92.80 1.78 0.00	92.69 2.01 0.00	93.62 2.59 0.00	62.88 1.20 0.00	69.60 0.92 0.00	49.61 0.28 0.00	47.58 0.18 0.00
HIGH FALLS___HY 23754	47.22 2.84 0.00	34.71 2.05 0.00	29.65 1.66 0.00	31.33 1.72 0.00	31.46 1.59 0.00	31.58 1.57 0.00	32.42 1.49 0.00	31.87 1.35 0.00	29.11 1.43 0.00	36.67 1.65 0.00	32.08 1.65 0.00	35.66 1.83 0.00	51.60 2.59 0.00	55.96 2.91 0.00	57.35 3.01 0.00	65.45 3.87 0.00	69.49 5.23 0.00	99.99 8.97 0.00	99.42 8.73 0.00	98.84 7.81 0.00	66.57 4.89 0.00	72.97 4.29 0.00	51.96 2.62 0.00	49.99 2.59 0.00
HIGH_RIVER___SOLAR 323847	46.22 1.84 0.00	34.01 1.34 0.00	29.10 1.12 0.00	30.80 1.19 0.00	31.05 1.18 0.00	31.17 1.17 0.00	32.04 1.11 0.00	31.35 0.83 0.00	28.09 0.42 0.00	35.23 0.20 0.00	30.56 0.13 0.00	33.97 0.14 0.00	49.27 0.26 0.00	53.76 0.71 0.00	55.49 1.14 0.00	62.94 1.36 0.00	65.90 1.64 0.00	93.95 2.92 0.00	94.27 3.59 0.00	95.45 4.41 0.00	64.97 3.28 0.00	71.92 3.24 0.00	51.41 2.07 0.00	49.34 1.94 0.00
HILLBURN___GT 23639	46.91 2.53 0.00	34.57 1.90 0.00	29.55 1.57 0.00	31.25 1.64 0.00	31.36 1.49 0.00	31.50 1.49 0.00	32.30 1.37 0.00	31.71 1.19 0.00	28.98 1.31 0.00	36.50 1.48 0.00	31.89 1.46 0.00	35.40 1.57 0.00	51.22 2.21 0.00	55.38 2.33 0.00	56.80 2.46 0.00	64.72 3.14 0.00	68.59 4.33 0.00	98.37 7.35 0.00	97.51 6.82 0.00	96.68 5.64 0.00	65.23 3.55 0.00	71.53 2.85 0.00	51.10 1.76 0.00	49.30 1.90 0.00
HILLSIDE_115KV_TB1 80332	44.82 0.43 0.00	32.47 -0.20 0.00	27.71 -0.27 0.00	29.28 -0.34 0.00	29.56 -0.30 0.00	29.86 -0.14 0.00	30.64 -0.28 0.00	29.94 -0.58 0.00	27.32 -0.35 0.00	34.73 -0.30 0.00	30.23 -0.19 0.00	33.62 -0.21 0.00	48.89 -0.12 0.00	52.93 -0.11 0.00	53.93 -0.42 0.00	60.80 -0.77 0.00	63.81 -0.45 0.00	91.70 0.67 0.00	91.23 0.55 0.00	91.83 0.80 0.00	61.65 -0.04 0.00	68.31 -0.37 0.00	48.79 -0.55 0.00	46.91 -0.49 0.00

HISHELDN_WT_PWR 323625	45.18 0.80 0.00	32.52 -0.15 0.00	27.66 -0.33 0.00	29.06 -0.55 0.00	29.28 -0.59 0.00	29.56 -0.45 0.00	30.42 -0.52 0.00	29.76 -0.76 0.00	27.26 -0.41 0.00	34.99 -0.03 0.00	30.27 -0.15 0.00	33.70 -0.13 0.00	48.90 -0.11 0.00	52.70 -0.35 0.00	53.58 -0.77 0.00	59.67 -1.91 0.00	62.55 -1.71 0.00	89.36 -1.66 0.00	90.16 -0.52 0.00	91.84 0.81 0.00	61.62 -0.07 0.00	68.43 -0.24 0.00	49.01 -0.33 0.00	46.99 -0.41 0.00
HOLTSVILLE_IC_1 23690	48.01 3.63 0.00	35.24 2.58 0.00	30.02 2.03 0.00	31.66 2.05 0.00	31.61 1.75 0.00	31.70 1.69 0.00	32.43 1.50 0.00	31.80 1.28 0.00	29.26 1.58 0.00	36.77 1.74 0.00	31.67 1.24 0.00	33.83 1.43 1.43	48.84 2.22 2.40	54.55 2.43 0.92	56.83 2.49 0.00	65.03 3.45 0.00	69.22 4.95 0.00	207.86 8.45 -108.39	226.61 7.46 -128.46	125.34 5.73 -28.58	65.16 3.47 0.00	71.52 2.89 0.05	49.29 1.77 1.81	49.62 2.22 0.00
HOLTSVILLE_IC_10 23699	48.29 3.91 0.00	35.43 2.76 0.00	30.16 2.18 0.00	31.81 2.20 0.00	31.75 1.88 0.00	31.83 1.82 0.00	32.56 1.63 0.00	31.95 1.42 0.00	29.40 1.73 0.00	36.98 1.95 0.00	31.87 1.44 0.00	33.67 1.68 1.83	48.56 2.61 3.06	54.74 2.88 1.18	57.31 2.96 0.00	65.58 4.00 0.00	69.78 5.52 0.00	217.29 9.30 -116.96	236.56 8.29 -137.58	127.47 6.52 -29.91	65.64 3.95 0.00	72.00 3.38 0.06	49.74 2.10 1.69	49.92 2.52 0.00
HOLTSVILLE_IC_2 23691	48.01 3.63 0.00	35.24 2.58 0.00	30.02 2.03 0.00	31.66 2.05 0.00	31.61 1.75 0.00	31.70 1.69 0.00	32.43 1.50 0.00	31.80 1.28 0.00	29.26 1.58 0.00	36.77 1.74 0.00	31.67 1.24 0.00	33.83 1.43 1.43	48.84 2.22 2.40	54.55 2.43 0.92	56.83 2.49 0.00	65.03 3.45 0.00	69.22 4.95 0.00	207.86 8.45 -108.39	226.61 7.46 -128.46	125.34 5.73 -28.58	65.16 3.47 0.00	71.52 2.89 0.05	49.29 1.77 1.81	49.62 2.22 0.00
HOLTSVILLE_IC_3 23692	48.01 3.63 0.00	35.24 2.58 0.00	30.02 2.03 0.00	31.66 2.05 0.00	31.61 1.75 0.00	31.70 1.69 0.00	32.43 1.50 0.00	31.80 1.28 0.00	29.26 1.58 0.00	36.77 1.74 0.00	31.67 1.24 0.00	33.83 1.43 1.43	48.84 2.22 2.40	54.55 2.43 0.92	56.83 2.49 0.00	65.03 3.45 0.00	69.22 4.95 0.00	207.86 8.45 -108.39	226.61 7.46 -128.46	125.34 5.73 -28.58	65.16 3.47 0.00	71.52 2.89 0.05	49.29 1.77 1.81	49.62 2.22 0.00
HOLTSVILLE_IC_4 23693	48.01 3.63 0.00	35.24 2.58 0.00	30.02 2.03 0.00	31.66 2.05 0.00	31.61 1.75 0.00	31.70 1.69 0.00	32.43 1.50 0.00	31.80 1.28 0.00	29.26 1.58 0.00	36.77 1.74 0.00	31.67 1.24 0.00	33.83 1.43 1.43	48.84 2.22 2.40	54.55 2.43 0.92	56.83 2.49 0.00	65.03 3.45 0.00	69.22 4.95 0.00	207.86 8.45 -108.39	226.61 7.46 -128.46	125.34 5.73 -28.58	65.16 3.47 0.00	71.52 2.89 0.05	49.29 1.77 1.81	49.62 2.22 0.00
HOLTSVILLE_IC_5 23694	48.01 3.63 0.00	35.24 2.58 0.00	30.02 2.03 0.00	31.66 2.05 0.00	31.61 1.75 0.00	31.70 1.69 0.00	32.43 1.50 0.00	31.80 1.28 0.00	29.26 1.58 0.00	36.77 1.74 0.00	31.67 1.24 0.00	33.83 1.43 1.43	48.84 2.22 2.40	54.55 2.43 0.92	56.83 2.49 0.00	65.03 3.45 0.00	69.22 4.95 0.00	207.86 8.45 -108.39	226.61 7.46 -128.46	125.34 5.73 -28.58	65.16 3.47 0.00	71.52 2.89 0.05	49.29 1.77 1.81	49.62 2.22 0.00
HOLTSVILLE_IC_6 23695	48.29 3.91 0.00	35.43 2.76 0.00	30.16 2.18 0.00	31.81 2.20 0.00	31.75 1.88 0.00	31.83 1.82 0.00	32.56 1.63 0.00	31.95 1.42 0.00	29.40 1.73 0.00	36.98 1.95 0.00	31.87 1.44 0.00	33.67 1.68 1.83	48.56 2.61 3.06	54.74 2.88 1.18	57.31 2.96 0.00	65.58 4.00 0.00	69.78 5.52 0.00	217.29 9.30 -116.96	236.56 8.29 -137.58	127.47 6.52 -29.91	65.64 3.95 0.00	72.00 3.38 0.06	49.74 2.10 1.69	49.92 2.52 0.00
HOLTSVILLE_IC_7 23696	48.29 3.91 0.00	35.43 2.76 0.00	30.16 2.18 0.00	31.81 2.20 0.00	31.75 1.88 0.00	31.83 1.82 0.00	32.56 1.63 0.00	31.95 1.42 0.00	29.40 1.73 0.00	36.98 1.95 0.00	31.87 1.44 0.00	33.67 1.68 1.83	48.56 2.61 3.06	54.74 2.88 1.18	57.31 2.96 0.00	65.58 4.00 0.00	69.78 5.52 0.00	217.29 9.30 -116.96	236.56 8.29 -137.58	127.47 6.52 -29.91	65.64 3.95 0.00	72.00 3.38 0.06	49.74 2.10 1.69	49.92 2.52 0.00
HOLTSVILLE_IC_8 23697	48.29 3.91 0.00	35.43 2.76 0.00	30.16 2.18 0.00	31.81 2.20 0.00	31.75 1.88 0.00	31.83 1.82 0.00	32.56 1.63 0.00	31.95 1.42 0.00	29.40 1.73 0.00	36.98 1.95 0.00	31.87 1.44 0.00	33.67 1.68 1.83	48.56 2.61 3.06	54.74 2.88 1.18	57.31 2.96 0.00	65.58 4.00 0.00	69.78 5.52 0.00	217.29 9.30 -116.96	236.56 8.29 -137.58	127.47 6.52 -29.91	65.64 3.95 0.00	72.00 3.38 0.06	49.74 2.10 1.69	49.92 2.52 0.00
HOLTSVILLE_IC_9 23698	48.29 3.91 0.00	35.43 2.76 0.00	30.16 2.18 0.00	31.81 2.20 0.00	31.75 1.88 0.00	31.83 1.82 0.00	32.56 1.63 0.00	31.95 1.42 0.00	29.40 1.73 0.00	36.98 1.95 0.00	31.87 1.44 0.00	33.67 1.68 1.83	48.56 2.61 3.06	54.74 2.88 1.18	57.31 2.96 0.00	65.58 4.00 0.00	69.78 5.52 0.00	217.29 9.30 -116.96	236.56 8.29 -137.58	127.47 6.52 -29.91	65.64 3.95 0.00	72.00 3.38 0.06	49.74 2.10 1.69	49.92 2.52 0.00
HOMER_HL_115KV_TB2 355744	45.40 1.01 0.00	32.83 0.16 0.00	27.98 0.00 0.00	29.47 -0.14 0.00	29.71 -0.16 0.00	30.01 0.00 0.00	30.82 -0.11 0.00	30.14 -0.39 0.00	27.68 0.00 0.00	35.46 0.44 0.00	30.68 0.25 0.00	34.00 0.17 0.00	49.35 0.34 0.00	53.18 0.14 0.00	53.79 -0.56 0.00	60.10 -1.48 0.00	63.23 -1.03 0.00	90.47 -0.56 0.00	90.65 -0.03 0.00	90.65 -0.38 0.00	60.82 -0.87 0.00	67.61 -1.07 0.00	48.58 -0.76 0.00	46.73 -0.67 0.00
HOWARD_WT_PWR 323690	45.74 1.36 0.00	32.77 0.10 0.00	27.73 -0.25 0.00	29.15 -0.46 0.00	29.42 -0.45 0.00	29.77 -0.24 0.00	30.75 -0.18 0.00	30.07 -0.45 0.00	27.48 -0.19 0.00	35.13 0.10 0.00	30.40 -0.03 0.00	33.71 -0.12 0.00	48.99 -0.02 0.00	52.75 -0.30 0.00	53.60 -0.74 0.00	59.96 -1.61 0.00	63.29 -0.96 0.00	91.02 0.00 0.00	91.90 1.22 0.00	93.88 2.85 0.00	63.18 1.49 0.00	69.44 0.76 0.00	49.31 -0.03 0.00	47.03 -0.37 0.00
HQ_GEN_CEDARS 23644	44.15 -0.23 0.00	32.52 -0.14 0.00	27.84 -0.14 0.00	29.40 -0.21 0.00	29.70 -0.17 0.00	29.85 -0.16 0.00	30.89 -0.04 0.00	30.64 0.11 0.00	27.85 0.17 0.00	35.37 0.34 0.00	30.63 0.20 0.00	34.10 0.27 0.00	49.42 0.41 0.00	53.44 0.40 0.00	54.49 0.15 0.00	61.40 -0.17 0.00	63.21 -1.05 0.00	87.46 -3.56 0.00	87.52 -3.17 0.00	109.45 -1.78 -20.20	154.07 -0.61 -93.00	268.46 0.24 -199.54	49.80 0.45 -0.01	47.71 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	44.15 -0.23 0.00	32.52 -0.14 0.00	27.84 -0.14 0.00	29.40 -0.21 0.00	29.70 -0.17 0.00	27.96 -0.16 1.88	30.89 -0.04 0.00	30.64 0.12 0.00	22.92 0.17 4.93	35.37 0.34 0.00	30.63 0.20 0.00	34.10 0.27 0.00	49.13 0.41 0.29	53.44 0.40 0.00	51.77 0.15 2.72	61.40 -0.17 0.00	63.21 -1.05 0.00	87.46 -3.56 0.00	87.28 -3.17 0.24	64.83 -1.78 24.42	153.77 -0.62 -92.71	267.22 0.25 -198.29	49.80 0.45 -0.01	47.83 0.31 -0.12

HQ_GEN_IMPORT 323601	43.88 -0.50 0.00	32.31 -0.36 0.00	27.67 -0.31 0.00	29.25 -0.36 0.00	29.55 -0.32 0.00	29.70 -0.30 0.00	30.71 -0.21 0.00	30.46 -0.07 0.00	27.74 -0.09 -0.15	35.03 0.01 0.00	30.37 -0.06 0.00	33.80 -0.03 0.00	48.98 -0.03 0.00	53.00 -0.05 0.00	54.17 -0.17 0.00	59.76 -0.37 1.44	63.27 -0.99 0.00	57.12 -2.44 31.46	88.33 -2.35 0.00	65.84 -1.90 23.29	23.57 -1.11 37.00	59.19 -0.61 8.87	49.24 -0.10 0.00	47.26 -0.14 0.00
HQ_GEN_WHEEL 23651	43.88 -0.50 0.00	32.31 -0.36 0.00	27.67 -0.31 0.00	29.25 -0.36 0.00	29.55 -0.32 0.00	29.70 -0.30 0.00	30.71 -0.21 0.00	30.46 -0.07 0.00	27.74 -0.09 -0.15	35.03 0.01 0.00	30.37 -0.06 0.00	33.80 -0.03 0.00	48.98 -0.03 0.00	53.00 -0.05 0.00	54.17 -0.17 0.00	59.76 -0.37 1.44	63.27 -0.99 0.00	57.12 -2.44 31.46	88.33 -2.35 0.00	65.84 -1.90 23.29	23.57 -1.11 37.00	59.19 -0.61 8.87	49.24 -0.10 0.00	47.26 -0.14 0.00
HUDSON AVE_GT_3 23810	47.29 2.91 0.00	34.91 2.24 0.00	29.84 1.86 0.00	31.55 1.93 0.00	31.65 1.78 0.00	31.77 1.76 0.00	32.57 1.64 0.00	32.02 1.50 0.00	29.32 1.65 0.00	36.86 1.84 0.00	32.22 1.78 0.00	35.77 1.95 0.00	51.65 2.65 0.00	55.75 2.70 0.00	57.02 2.68 0.00	64.99 3.41 0.00	69.01 4.75 0.00	99.11 8.09 0.00	98.15 7.47 0.00	97.36 6.32 0.00	65.67 3.99 0.00	71.98 3.30 0.00	51.45 2.11 0.00	49.71 2.31 0.00
HUDSON AVE_GT_4 23540	47.29 2.91 0.00	34.91 2.24 0.00	29.84 1.86 0.00	31.55 1.93 0.00	31.65 1.78 0.00	31.77 1.76 0.00	32.57 1.64 0.00	32.02 1.50 0.00	29.32 1.65 0.00	36.86 1.84 0.00	32.22 1.78 0.00	35.77 1.95 0.00	51.65 2.65 0.00	55.75 2.70 0.00	57.02 2.68 0.00	64.99 3.41 0.00	69.01 4.75 0.00	99.11 8.09 0.00	98.15 7.47 0.00	97.36 6.32 0.00	65.67 3.99 0.00	71.98 3.30 0.00	51.45 2.11 0.00	49.71 2.31 0.00
HUDSON AVE_GT_5 23657	47.29 2.91 0.00	34.91 2.24 0.00	29.84 1.86 0.00	31.55 1.93 0.00	31.65 1.78 0.00	31.77 1.76 0.00	32.57 1.64 0.00	32.02 1.50 0.00	29.32 1.65 0.00	36.86 1.84 0.00	32.22 1.78 0.00	35.77 1.95 0.00	51.65 2.65 0.00	55.75 2.70 0.00	57.02 2.68 0.00	64.99 3.41 0.00	69.01 4.75 0.00	99.11 8.09 0.00	98.15 7.47 0.00	97.36 6.32 0.00	65.67 3.99 0.00	71.98 3.30 0.00	51.45 2.11 0.00	49.71 2.31 0.00
HUDSON_AVE_10 24168	47.17 2.78 0.00	34.81 2.14 0.00	29.77 1.79 0.00	31.47 1.86 0.00	31.57 1.71 0.00	31.68 1.68 0.00	32.48 1.55 0.00	31.93 1.41 0.00	29.24 1.57 0.00	36.75 1.73 0.00	32.11 1.68 0.00	35.65 1.82 0.00	51.46 2.45 0.00	55.53 2.49 0.00	56.81 2.46 0.00	64.71 3.14 0.00	68.74 4.48 0.00	99.16 7.72 -0.42	97.79 7.11 0.00	97.00 5.97 0.00	65.43 3.75 0.00	71.71 3.03 0.00	51.30 1.96 0.00	49.56 2.16 0.00
HUDSON___115KV_TB 4 355613	45.94 1.55 0.00	34.01 1.34 0.00	29.26 1.27 0.00	31.00 1.38 0.00	31.23 1.37 0.00	31.35 1.35 0.00	32.21 1.28 0.00	31.61 1.08 0.00	28.54 0.87 0.00	35.62 0.60 0.00	30.71 0.28 0.00	34.06 0.23 0.00	49.27 0.26 0.00	53.24 0.19 0.00	54.98 0.64 0.00	62.59 1.01 0.00	65.81 1.55 0.00	94.57 3.54 0.00	94.40 3.72 0.00	94.60 3.57 0.00	64.21 2.53 0.00	70.92 2.24 0.00	50.51 1.18 0.00	48.49 1.08 0.00
HUNTER MOUNT___DRP 323613	46.14 1.75 0.00	34.13 1.47 0.00	29.36 1.38 0.00	31.12 1.50 0.00	31.36 1.49 0.00	31.47 1.47 0.00	32.35 1.42 0.00	31.77 1.24 0.00	28.70 1.03 0.00	35.82 0.79 0.00	30.90 0.47 0.00	34.27 0.44 0.00	49.62 0.61 0.00	53.63 0.59 0.00	55.45 1.11 0.00	63.13 1.55 0.00	66.33 2.07 0.00	95.30 4.27 0.00	95.20 4.51 0.00	95.41 4.37 0.00	64.73 3.05 0.00	71.51 2.83 0.00	50.88 1.54 0.00	48.80 1.40 0.00
HUNTINGTON_RES_REC 323705	47.83 3.45 0.00	35.11 2.44 0.00	29.89 1.91 0.00	31.54 1.93 0.00	31.49 1.62 0.00	31.57 1.57 0.00	32.29 1.37 0.00	31.65 1.13 0.00	29.10 1.43 0.00	36.62 1.60 0.00	31.52 1.09 0.00	30.07 1.25 5.01	42.64 2.01 8.37	52.08 2.27 3.23	56.73 2.39 0.00	64.94 3.35 -0.01	69.08 4.81 -0.01	375.22 8.40 -275.80	431.05 7.41 -332.96	176.08 5.64 -79.41	65.04 3.35 0.00	71.20 2.71 0.19	49.24 1.60 1.69	49.49 2.09 0.00
HUNTLEY___63 23557	45.35 0.97 0.00	32.85 0.18 0.00	28.03 0.05 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.88 -0.12 0.00	30.76 -0.16 0.00	30.15 -0.37 0.00	27.65 -0.02 0.00	35.61 0.58 0.00	30.90 0.47 0.00	34.43 0.60 0.00	49.80 0.80 0.00	53.73 0.68 0.00	54.69 0.34 0.00	60.50 -1.08 0.00	63.02 -1.24 0.00	89.38 -1.64 0.00	90.24 -0.45 0.00	91.58 0.55 0.00	61.19 -0.50 0.00	68.16 -0.52 0.00	49.42 0.09 0.00	47.78 0.38 0.00
HUNTLEY___64 23558	45.35 0.97 0.00	32.85 0.18 0.00	28.03 0.05 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.88 -0.12 0.00	30.76 -0.16 0.00	30.15 -0.37 0.00	27.65 -0.02 0.00	35.61 0.58 0.00	30.90 0.47 0.00	34.43 0.60 0.00	49.80 0.80 0.00	53.73 0.68 0.00	54.69 0.34 0.00	60.50 -1.08 0.00	63.02 -1.24 0.00	89.38 -1.64 0.00	90.24 -0.45 0.00	91.58 0.55 0.00	61.19 -0.50 0.00	68.16 -0.52 0.00	49.42 0.09 0.00	47.78 0.38 0.00
HUNTLEY___65 23559	45.35 0.97 0.00	32.85 0.18 0.00	28.03 0.05 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.88 -0.12 0.00	30.76 -0.16 0.00	30.15 -0.37 0.00	27.65 -0.02 0.00	35.61 0.58 0.00	30.90 0.47 0.00	34.43 0.60 0.00	49.80 0.80 0.00	53.73 0.68 0.00	54.69 0.34 0.00	60.50 -1.08 0.00	63.02 -1.24 0.00	89.38 -1.64 0.00	90.24 -0.45 0.00	91.58 0.55 0.00	61.19 -0.50 0.00	68.16 -0.52 0.00	49.42 0.09 0.00	47.78 0.38 0.00
HUNTLEY___66 23560	45.35 0.97 0.00	32.85 0.18 0.00	28.03 0.05 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.88 -0.12 0.00	30.76 -0.16 0.00	30.15 -0.37 0.00	27.65 -0.02 0.00	35.61 0.58 0.00	30.90 0.47 0.00	34.43 0.60 0.00	49.80 0.80 0.00	53.73 0.68 0.00	54.69 0.34 0.00	60.50 -1.08 0.00	63.02 -1.24 0.00	89.38 -1.64 0.00	90.24 -0.45 0.00	91.58 0.55 0.00	61.19 -0.50 0.00	68.16 -0.52 0.00	49.42 0.09 0.00	47.78 0.38 0.00
HUNTLEY___67 23561	45.01 0.63 0.00	32.60 -0.07 0.00	27.81 -0.17 0.00	29.19 -0.42 0.00	29.40 -0.46 0.00	29.69 -0.32 0.00	30.57 -0.36 0.00	30.00 -0.53 0.00	27.51 -0.16 0.00	35.41 0.38 0.00	30.70 0.27 0.00	34.19 0.36 0.00	49.47 0.46 0.00	53.40 0.36 0.00	54.31 -0.03 0.00	60.29 -1.29 0.00	62.95 -1.31 0.00	89.41 -1.62 0.00	90.09 -0.60 0.00	91.41 0.38 0.00	61.04 -0.65 0.00	68.04 -0.64 0.00	49.15 -0.19 0.00	47.37 -0.03 0.00
HUNTLEY___68 23562	45.01 0.63 0.00	32.60 -0.07 0.00	27.81 -0.17 0.00	29.19 -0.42 0.00	29.40 -0.46 0.00	29.69 -0.32 0.00	30.57 -0.36 0.00	30.00 -0.53 0.00	27.51 -0.16 0.00	35.41 0.38 0.00	30.70 0.27 0.00	34.19 0.36 0.00	49.47 0.46 0.00	53.40 0.36 0.00	54.31 -0.03 0.00	60.29 -1.29 0.00	62.95 -1.31 0.00	89.41 -1.62 0.00	90.09 -0.60 0.00	91.41 0.38 0.00	61.04 -0.65 0.00	68.04 -0.64 0.00	49.15 -0.19 0.00	47.37 -0.03 0.00

HYLAND___LFGE 323620	48.24 3.86 0.00	34.76 2.09 0.00	29.52 1.54 0.00	30.99 1.38 0.00	31.23 1.36 0.00	31.51 1.51 0.00	32.44 1.51 0.00	31.54 1.02 0.00	28.21 0.54 0.00	36.10 1.07 0.00	31.36 0.93 0.00	34.91 1.08 0.00	50.62 1.62 0.00	54.09 1.04 0.00	54.46 0.12 0.00	61.04 -0.53 0.00	64.01 -0.25 0.00	91.18 0.16 0.00	91.99 1.30 0.00	95.75 4.71 0.00	65.47 3.78 0.00	72.91 4.23 0.00	51.92 2.58 0.00	49.45 2.05 0.00
INDECK___CORINTH 23802	46.55 2.17 0.00	34.28 1.61 0.00	29.30 1.32 0.00	30.98 1.37 0.00	31.23 1.37 0.00	31.33 1.33 0.00	32.26 1.33 0.00	31.74 1.21 0.00	28.79 1.12 0.00	36.09 1.07 0.00	31.23 0.80 0.00	34.64 0.81 0.00	50.20 1.19 0.00	54.53 1.49 0.00	56.50 2.16 0.00	64.65 3.08 0.00	68.08 3.82 0.00	97.71 6.68 0.00	97.54 6.85 0.00	97.41 6.38 0.00	65.90 4.21 0.00	72.56 3.88 0.00	51.64 2.30 0.00	49.51 2.12 0.00
INDECK___ILION 23567	44.97 0.58 0.00	33.11 0.44 0.00	28.40 0.41 0.00	30.11 0.50 0.00	30.36 0.49 0.00	30.47 0.46 0.00	31.31 0.38 0.00	30.69 0.17 0.00	27.72 0.05 0.00	34.83 -0.19 0.00	30.25 -0.18 0.00	33.63 -0.20 0.00	48.75 -0.26 0.00	53.00 -0.05 0.00	54.57 0.22 0.00	61.97 0.39 0.00	64.96 0.70 0.00	93.07 2.05 0.00	92.88 2.20 0.00	93.21 2.18 0.00	63.24 1.55 0.00	69.94 1.26 0.00	49.88 0.54 0.00	47.84 0.44 0.00
INDECK___OLEAN 23982	45.40 1.01 0.00	32.84 0.17 0.00	27.98 0.00 0.00	29.48 -0.14 0.00	29.71 -0.16 0.00	30.00 0.00 0.00	30.79 -0.14 0.00	30.11 -0.41 0.00	27.68 0.01 0.00	35.46 0.43 0.00	30.68 0.25 0.00	34.00 0.17 0.00	49.35 0.34 0.00	53.17 0.12 0.00	53.78 -0.56 0.00	60.10 -1.47 0.00	63.22 -1.04 0.00	90.51 -0.52 0.00	90.66 -0.03 0.00	90.65 -0.39 0.00	60.83 -0.86 0.00	67.61 -1.07 0.00	48.55 -0.79 0.00	46.73 -0.67 0.00
INDECK___OSWEGO 23783	44.44 -0.65 -0.70	32.09 -0.58 0.00	27.44 -0.54 0.00	29.05 -0.57 0.00	29.26 -0.61 0.00	29.41 -0.60 0.00	30.27 -0.66 0.00	29.80 -0.72 0.00	27.07 -0.60 0.00	34.33 -0.69 0.00	29.88 -0.54 0.00	33.22 -0.61 0.00	48.13 -0.88 0.00	52.38 -0.97 -0.30	53.08 -1.26 0.00	66.26 -1.55 -6.24	76.81 -1.34 -13.89	101.36 -1.45 -11.78	111.79 -1.21 -22.32	116.58 -0.91 -26.46	78.90 -0.74 -17.95	93.09 -1.00 -25.42	59.01 -0.99 -10.67	56.48 -0.86 -9.94
INDECK___YERKES 23781	45.39 1.01 0.00	32.88 0.21 0.00	28.05 0.07 0.00	29.42 -0.19 0.00	29.63 -0.24 0.00	29.90 -0.11 0.00	30.76 -0.17 0.00	30.15 -0.37 0.00	27.67 0.00 0.00	35.63 0.61 0.00	30.92 0.49 0.00	34.46 0.63 0.00	49.84 0.83 0.00	53.75 0.71 0.00	54.72 0.37 0.00	60.50 -1.07 0.00	63.00 -1.26 0.00	89.33 -1.69 0.00	90.19 -0.50 0.00	91.55 0.51 0.00	61.16 -0.52 0.00	68.12 -0.56 0.00	49.41 0.07 0.00	47.82 0.42 0.00
INDIAN POINT_GT_1 24139	46.83 2.45 0.00	34.54 1.87 0.00	29.53 1.55 0.00	31.24 1.63 0.00	31.36 1.49 0.00	31.48 1.47 0.00	32.27 1.35 0.00	31.70 1.18 0.00	28.97 1.30 0.00	36.45 1.42 0.00	31.82 1.39 0.00	35.31 1.48 0.00	51.05 2.04 0.00	55.16 2.11 0.00	56.55 2.21 0.00	64.47 2.90 0.00	68.33 4.07 0.00	98.07 7.04 0.00	97.19 6.50 0.00	96.42 5.39 0.00	65.09 3.40 0.00	71.40 2.72 0.00	51.01 1.67 0.00	49.25 1.85 0.00
INDIAN POINT_GT_2 23659	46.83 2.45 0.00	34.54 1.87 0.00	29.53 1.55 0.00	31.24 1.63 0.00	31.36 1.49 0.00	31.48 1.47 0.00	32.27 1.35 0.00	31.70 1.18 0.00	28.97 1.30 0.00	36.45 1.42 0.00	31.82 1.39 0.00	35.31 1.48 0.00	51.05 2.04 0.00	55.16 2.11 0.00	56.55 2.21 0.00	64.47 2.90 0.00	68.33 4.07 0.00	98.07 7.04 0.00	97.19 6.50 0.00	96.42 5.39 0.00	65.09 3.40 0.00	71.40 2.72 0.00	51.01 1.67 0.00	49.25 1.85 0.00
INDIAN POINT_GT_3 24019	46.83 2.45 0.00	34.54 1.87 0.00	29.53 1.55 0.00	31.24 1.63 0.00	31.36 1.49 0.00	31.48 1.47 0.00	32.27 1.35 0.00	31.70 1.18 0.00	28.97 1.30 0.00	36.45 1.42 0.00	31.82 1.39 0.00	35.31 1.48 0.00	51.05 2.04 0.00	55.16 2.11 0.00	56.55 2.21 0.00	64.47 2.90 0.00	68.33 4.07 0.00	98.07 7.04 0.00	97.19 6.50 0.00	96.42 5.39 0.00	65.09 3.40 0.00	71.40 2.72 0.00	51.01 1.67 0.00	49.25 1.85 0.00
INDIAN POINT___2 23530	46.80 2.42 0.00	34.51 1.84 0.00	29.51 1.53 0.00	31.22 1.60 0.00	31.33 1.46 0.00	31.45 1.45 0.00	32.25 1.33 0.00	31.68 1.15 0.00	28.94 1.27 0.00	36.41 1.39 0.00	31.79 1.36 0.00	35.28 1.45 0.00	51.01 2.00 0.00	55.12 2.07 0.00	56.50 2.16 0.00	64.40 2.83 0.00	68.25 3.99 0.00	97.91 6.89 0.00	97.05 6.36 0.00	96.27 5.24 0.00	64.98 3.30 0.00	71.30 2.62 0.00	50.94 1.60 0.00	49.18 1.78 0.00
INDIAN POINT___3 23531	46.77 2.38 0.00	34.49 1.82 0.00	29.50 1.52 0.00	31.22 1.60 0.00	31.33 1.46 0.00	31.45 1.44 0.00	32.25 1.32 0.00	31.68 1.16 0.00	28.94 1.27 0.00	36.41 1.38 0.00	31.77 1.35 0.00	35.26 1.43 0.00	50.98 1.97 0.00	55.08 2.04 0.00	56.46 2.12 0.00	64.36 2.79 0.00	68.22 3.96 0.00	97.87 6.85 0.00	97.00 6.32 0.00	96.23 5.20 0.00	64.96 3.27 0.00	71.26 2.58 0.00	50.91 1.57 0.00	49.16 1.76 0.00
INGHAM_C_115KV_TB7 356103	45.36 0.98 0.00	33.42 0.75 0.00	28.71 0.72 0.00	30.49 0.88 0.00	30.74 0.87 0.00	30.82 0.81 0.00	31.57 0.64 0.00	30.71 0.19 0.00	27.54 -0.13 0.00	34.30 -0.72 0.00	29.74 -0.69 0.00	33.03 -0.80 0.00	47.92 -1.09 0.00	52.40 -0.64 0.00	54.35 0.00 0.00	61.82 0.25 0.00	64.99 0.74 0.00	94.19 3.16 0.00	94.17 3.49 0.00	94.65 3.62 0.00	64.35 2.66 0.00	70.89 2.21 0.00	50.25 0.92 0.00	48.14 0.74 0.00
IP CORINTH___1 23988	46.79 2.41 0.00	34.44 1.78 0.00	29.45 1.47 0.00	31.14 1.52 0.00	31.39 1.52 0.00	31.49 1.48 0.00	32.42 1.49 0.00	31.89 1.37 0.00	28.93 1.25 0.00	36.27 1.24 0.00	31.39 0.96 0.00	34.84 1.01 0.00	50.48 1.48 0.00	54.84 1.79 0.00	56.80 2.45 0.00	65.01 3.43 0.00	68.44 4.18 0.00	98.22 7.19 0.00	98.04 7.35 0.00	97.92 6.88 0.00	66.25 4.56 0.00	72.95 4.28 0.00	51.93 2.59 0.00	49.79 2.39 0.00
IP___TICONDEROGA 23804	49.90 5.52 0.00	36.67 4.01 0.00	31.23 3.25 0.00	32.86 3.25 0.00	33.25 3.38 0.00	33.31 3.30 0.00	34.42 3.49 0.00	33.79 3.27 0.00	30.62 2.95 0.00	37.99 2.97 0.00	33.41 2.98 0.00	37.14 3.31 0.00	53.67 4.66 0.00	58.46 5.42 0.00	60.99 6.64 0.00	70.05 8.48 0.00	74.01 9.76 0.00	106.46 15.43 0.00	102.97 12.28 0.00	102.52 11.49 0.00	68.90 7.22 0.00	76.44 7.76 0.00	54.21 4.87 0.00	52.13 4.74 0.00
ISLIP_RES_REC 323679	48.56 4.17 0.00	35.61 2.94 0.00	30.30 2.32 0.00	31.96 2.35 0.00	31.89 2.02 0.00	31.96 1.96 0.00	32.70 1.77 0.00	32.09 1.56 0.00	29.55 1.87 0.00	37.18 2.16 0.00	32.06 1.63 0.00	33.93 1.91 1.81	48.93 2.95 3.02	55.15 3.27 1.17	57.73 3.39 0.00	66.05 4.48 0.00	70.30 6.04 0.00	207.56 10.10 -106.43	225.10 9.13 -125.29	125.58 7.30 -27.25	66.16 4.47 0.00	72.55 3.93 0.06	50.19 2.46 1.61	50.26 2.85 0.00

JAMAICA__27_KV_LOAD 355505	47.48 3.09 0.00	35.07 2.41 0.00	30.00 2.02 0.00	31.73 2.12 0.00	31.84 1.97 0.00	31.92 1.92 0.00	32.73 1.80 0.00	32.15 1.63 0.00	29.48 1.81 0.00	37.02 2.00 0.00	32.30 1.87 0.00	35.85 2.02 0.00	51.73 2.72 0.00	55.80 2.75 0.00	57.07 2.73 0.00	65.00 3.43 0.00	69.06 4.80 0.00	99.87 8.32 -0.53	98.43 7.75 0.00	97.60 6.57 0.00	65.82 4.14 0.00	72.18 3.50 0.00	51.72 2.38 0.00	49.95 2.55 0.00
JANIS__SOLAR 323808	46.45 2.06 0.00	34.03 1.36 0.00	29.09 1.11 0.00	30.71 1.10 0.00	30.91 1.05 0.00	31.08 1.08 0.00	31.96 1.03 0.00	31.37 0.85 0.00	28.44 0.77 0.00	36.01 0.99 0.00	31.36 0.92 0.00	34.74 0.91 0.00	50.41 1.40 0.00	54.60 1.55 0.00	55.91 1.57 0.00	63.19 1.62 0.00	66.59 2.33 0.00	95.56 4.54 0.00	96.29 5.61 0.00	98.06 7.03 0.00	66.05 4.36 0.00	72.85 4.17 0.00	51.72 2.38 0.00	49.48 2.08 0.00
JARVIS____ 23743	44.57 0.18 0.00	32.82 0.16 0.00	28.12 0.14 0.00	29.79 0.17 0.00	30.02 0.15 0.00	30.16 0.15 0.00	31.05 0.12 0.00	30.60 0.07 0.00	27.73 0.06 0.00	35.04 0.01 0.00	30.45 0.03 0.00	33.85 0.02 0.00	49.03 0.02 0.00	53.09 0.05 0.00	54.45 0.10 0.00	61.76 0.19 0.00	64.61 0.35 0.00	91.91 0.89 0.00	91.56 0.88 0.00	91.78 0.75 0.00	62.17 0.48 0.00	69.00 0.32 0.00	49.44 0.10 0.00	47.49 0.09 0.00
JENNISON____1 23625	45.96 1.58 0.00	33.61 0.94 0.00	28.90 0.92 0.00	30.52 0.90 0.00	30.58 0.72 0.00	30.75 0.74 0.00	31.71 0.78 0.00	31.40 0.88 0.00	28.69 1.02 0.00	36.48 1.45 0.00	31.77 1.34 0.00	35.32 1.50 0.00	51.16 2.15 0.00	55.20 2.16 0.00	56.31 1.96 0.00	63.76 2.19 0.00	67.38 3.12 0.00	96.67 5.65 0.00	96.68 6.00 0.00	97.22 6.19 0.00	65.12 3.44 0.00	71.31 2.63 0.00	50.71 1.38 0.00	48.72 1.32 0.00
JENNISON____2 23626	45.96 1.58 0.00	33.61 0.94 0.00	28.90 0.92 0.00	30.52 0.90 0.00	30.58 0.72 0.00	30.75 0.74 0.00	31.71 0.78 0.00	31.40 0.88 0.00	28.69 1.02 0.00	36.48 1.45 0.00	31.77 1.34 0.00	35.32 1.50 0.00	51.16 2.15 0.00	55.20 2.16 0.00	56.31 1.96 0.00	63.76 2.19 0.00	67.38 3.12 0.00	96.67 5.65 0.00	96.68 6.00 0.00	97.22 6.19 0.00	65.12 3.44 0.00	71.31 2.63 0.00	50.71 1.38 0.00	48.72 1.32 0.00
JERICOHO_RISE_WT_PWR 323719	43.05 -1.34 0.00	31.83 -0.84 0.00	27.30 -0.68 0.00	28.78 -0.84 0.00	29.16 -0.71 0.00	29.34 -0.67 0.00	30.42 -0.51 0.00	30.16 -0.36 0.00	27.37 -0.31 0.00	34.71 -0.31 0.00	29.89 -0.54 0.00	33.35 -0.48 0.00	48.39 -0.62 0.00	52.21 -0.83 0.00	52.97 -1.37 0.00	59.59 -1.98 0.00	61.41 -2.85 0.00	85.90 -5.13 0.00	86.22 -4.46 0.00	89.31 -3.06 -1.33	58.68 -1.74 1.26	19.70 -1.28 47.70	48.78 -0.56 0.00	46.84 -0.57 0.00
KATONAH__115KV_46KV_TB4 355592	47.03 2.65 0.00	34.68 2.01 0.00	29.65 1.67 0.00	31.36 1.75 0.00	31.49 1.62 0.00	31.61 1.60 0.00	32.42 1.49 0.00	31.87 1.34 0.00	29.12 1.45 0.00	36.65 1.62 0.00	32.01 1.58 0.00	35.56 1.73 0.00	51.45 2.44 0.00	55.62 2.58 0.00	57.06 2.72 0.00	65.09 3.52 0.00	68.98 4.73 0.00	99.04 8.02 0.00	98.13 7.45 0.00	97.34 6.31 0.00	65.65 3.96 0.00	71.99 3.31 0.00	51.36 2.03 0.00	49.55 2.15 0.00
KCE_NY_1 323755	46.68 2.29 0.00	34.33 1.67 0.00	29.40 1.41 0.00	31.12 1.51 0.00	31.41 1.54 0.00	31.49 1.48 0.00	32.37 1.44 0.00	31.83 1.31 0.00	28.86 1.19 0.00	36.26 1.23 0.00	31.46 1.04 0.00	34.93 1.10 0.00	50.61 1.60 0.00	54.84 1.80 0.00	56.81 2.47 0.00	64.79 3.22 0.00	68.10 3.84 0.00	97.78 6.76 0.00	97.23 6.55 0.00	97.14 6.11 0.00	65.76 4.07 0.00	72.55 3.87 0.00	51.72 2.38 0.00	49.63 2.23 0.00
KCE_NY_6_ESR 323823	45.50 1.12 0.00	32.87 0.20 0.00	28.01 0.03 0.00	29.40 -0.21 0.00	29.59 -0.28 0.00	29.90 -0.10 0.00	30.74 -0.18 0.00	30.17 -0.35 0.00	27.72 0.04 0.00	35.68 0.66 0.00	30.98 0.55 0.00	34.50 0.67 0.00	50.01 1.00 0.00	53.94 0.90 0.00	54.88 0.54 0.00	61.09 -0.48 0.00	63.86 -0.40 0.00	90.94 -0.09 0.00	91.70 1.02 0.00	92.96 1.93 0.00	62.09 0.41 0.00	69.03 0.35 0.00	49.66 0.32 0.00	47.80 0.40 0.00
KEDC_PORT_JEFF_GT2 24210	48.15 3.77 0.00	35.33 2.66 0.00	30.07 2.09 0.00	31.72 2.11 0.00	31.66 1.80 0.00	31.75 1.74 0.00	32.48 1.55 0.00	31.86 1.33 0.00	29.32 1.65 0.00	36.88 1.85 0.00	31.78 1.35 0.00	33.40 1.58 2.01	48.12 2.47 3.37	54.41 2.66 1.30	57.03 2.68 0.00	65.22 3.65 0.00	69.09 4.83 0.00	229.84 8.31 -130.50	254.21 7.33 -156.20	132.57 5.56 -35.97	65.00 3.32 0.00	71.66 3.05 0.07	49.49 1.89 1.74	49.78 2.39 0.00
KEDC_PORT_JEFF_GT3 24211	48.15 3.77 0.00	35.33 2.66 0.00	30.07 2.09 0.00	31.72 2.11 0.00	31.66 1.80 0.00	31.75 1.74 0.00	32.48 1.55 0.00	31.86 1.33 0.00	29.32 1.65 0.00	36.88 1.85 0.00	31.78 1.35 0.00	33.40 1.58 2.01	48.12 2.47 3.37	54.41 2.66 1.30	57.03 2.68 0.00	65.22 3.65 0.00	69.09 4.83 0.00	229.84 8.31 -130.50	254.21 7.33 -156.20	132.57 5.56 -35.97	65.00 3.32 0.00	71.66 3.05 0.07	49.49 1.89 1.74	49.78 2.39 0.00
KEDC_GLWD_GT4 24219	47.55 3.17 0.00	34.99 2.33 0.00	29.87 1.89 0.00	31.57 1.95 0.00	31.62 1.76 0.00	31.73 1.73 0.00	32.52 1.59 0.00	31.95 1.42 0.00	29.27 1.60 0.00	36.84 1.81 0.00	32.09 1.66 0.00	35.69 1.87 0.00	51.71 2.70 0.00	55.95 2.91 0.00	57.35 3.01 0.00	65.29 3.72 0.00	69.29 5.03 0.00	99.46 8.44 0.00	98.05 7.36 0.00	97.08 6.05 0.00	65.44 3.75 0.00	71.94 3.26 0.00	54.95 2.23 -3.39	49.86 2.46 0.00
KEDC_GLWD_GT5 24220	47.55 3.17 0.00	34.99 2.33 0.00	29.87 1.89 0.00	31.57 1.95 0.00	31.62 1.76 0.00	31.73 1.73 0.00	32.52 1.59 0.00	31.95 1.42 0.00	29.27 1.60 0.00	36.84 1.81 0.00	32.09 1.66 0.00	35.69 1.87 0.00	51.71 2.70 0.00	55.95 2.91 0.00	57.35 3.01 0.00	65.29 3.72 0.00	69.29 5.03 0.00	99.46 8.44 0.00	98.05 7.36 0.00	97.08 6.05 0.00	65.44 3.75 0.00	71.94 3.26 0.00	54.95 2.23 -3.39	49.86 2.46 0.00
KENSICO____ 23655	46.97 2.58 0.00	34.64 1.97 0.00	29.63 1.64 0.00	31.33 1.72 0.00	31.45 1.58 0.00	31.57 1.56 0.00	32.37 1.44 0.00	31.80 1.28 0.00	29.07 1.39 0.00	36.56 1.53 0.00	31.92 1.49 0.00	35.43 1.60 0.00	51.20 2.20 0.00	55.32 2.28 0.00	56.69 2.35 0.00	64.64 3.06 0.00	68.52 4.27 0.00	98.36 7.33 0.00	97.46 6.78 0.00	96.70 5.66 0.00	65.26 3.57 0.00	71.59 2.91 0.00	51.13 1.80 0.00	49.37 1.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.11 2.72 0.00	34.64 1.97 0.00	29.59 1.61 0.00	31.28 1.67 0.00	31.42 1.55 0.00	31.53 1.52 0.00	32.37 1.44 0.00	31.82 1.29 0.00	29.03 1.35 0.00	36.56 1.53 0.00	31.96 1.53 0.00	35.51 1.68 0.00	51.40 2.39 0.00	55.72 2.68 0.00	57.14 2.79 0.00	65.19 3.61 0.00	69.16 4.90 0.00	99.50 8.48 0.00	98.97 8.29 0.00	98.46 7.43 0.00	66.35 4.67 0.00	72.77 4.09 0.00	51.81 2.48 0.00	49.83 2.43 0.00

KIAC_JFK_GT1 23816	47.10 2.72 0.00	34.84 2.18 0.00	29.82 1.84 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.73 1.73 0.00	32.53 1.60 0.00	31.96 1.44 0.00	29.31 1.63 0.00	36.75 1.73 0.00	32.07 1.64 0.00	35.60 1.77 0.00	51.35 2.34 0.00	55.39 2.34 0.00	56.64 2.30 0.00	64.52 2.94 0.00	68.54 4.28 0.00	99.09 7.54 -0.53	97.65 6.96 0.00	96.80 5.77 0.00	65.29 3.61 0.00	71.57 2.89 0.00	51.29 1.95 0.00	49.54 2.14 0.00
KIAC_JFK_GT2 23817	47.10 2.72 0.00	34.84 2.18 0.00	29.82 1.84 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.73 1.73 0.00	32.53 1.60 0.00	31.96 1.44 0.00	29.31 1.63 0.00	36.75 1.73 0.00	32.07 1.64 0.00	35.60 1.77 0.00	51.35 2.34 0.00	55.39 2.34 0.00	56.64 2.30 0.00	64.52 2.94 0.00	68.54 4.28 0.00	99.09 7.54 -0.53	97.65 6.96 0.00	96.80 5.77 0.00	65.29 3.61 0.00	71.57 2.89 0.00	51.29 1.95 0.00	49.54 2.14 0.00
KIAC_JFK____ 323774	47.10 2.72 0.00	34.85 2.18 0.00	29.82 1.84 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.73 1.73 0.00	32.54 1.61 0.00	31.97 1.45 0.00	29.31 1.63 0.00	36.75 1.73 0.00	32.07 1.64 0.00	35.60 1.77 0.00	51.35 2.33 0.00	55.39 2.34 0.00	56.64 2.30 0.00	64.51 2.94 0.00	68.54 4.28 0.00	99.09 7.54 -0.53	97.65 6.96 0.00	96.80 5.77 0.00	65.30 3.61 0.00	71.58 2.90 0.00	51.30 1.97 0.00	49.54 2.14 0.00
KINTIGH__24_KV_GSU 356498	45.03 0.64 0.00	32.73 0.06 0.00	27.93 -0.05 0.00	29.36 -0.25 0.00	29.57 -0.30 0.00	29.82 -0.19 0.00	30.70 -0.22 0.00	30.15 -0.38 0.00	27.62 -0.06 0.00	35.46 0.44 0.00	30.75 0.32 0.00	34.24 0.41 0.00	49.54 0.53 0.00	53.49 0.45 0.00	54.48 0.14 0.00	60.65 -0.92 0.00	63.36 -0.89 0.00	89.73 -1.29 0.00	90.04 -0.64 0.00	91.53 0.50 0.00	61.20 -0.48 0.00	68.33 -0.36 0.00	49.29 -0.05 0.00	47.51 0.11 0.00
KINTIGH____ 23543	44.99 0.60 0.00	32.70 0.03 0.00	27.92 -0.07 0.00	29.34 -0.28 0.00	29.55 -0.32 0.00	29.80 -0.21 0.00	30.71 -0.22 0.00	30.15 -0.38 0.00	27.60 -0.08 0.00	35.44 0.41 0.00	30.73 0.30 0.00	34.21 0.38 0.00	49.50 0.49 0.00	53.47 0.43 0.00	54.44 0.10 0.00	60.61 -0.97 0.00	63.32 -0.94 0.00	89.68 -1.34 0.00	90.04 -0.64 0.00	91.48 0.44 0.00	61.18 -0.50 0.00	68.29 -0.39 0.00	49.28 -0.06 0.00	47.47 0.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.81 -0.57 0.00	32.35 -0.31 0.00	27.74 -0.24 0.00	29.22 -0.39 0.00	29.59 -0.27 0.00	29.77 -0.24 0.00	30.84 -0.09 0.00	30.54 0.01 0.00	27.74 0.07 0.00	35.07 0.05 0.00	30.19 -0.24 0.00	33.66 -0.17 0.00	48.83 -0.18 0.00	52.75 -0.29 0.00	53.20 -1.14 0.00	59.89 -1.68 0.00	61.63 -2.63 0.00	86.42 -4.61 0.00	86.75 -3.94 0.00	88.90 -2.13 0.00	56.31 -1.20 4.17	33.62 -0.74 34.31	49.18 -0.16 0.00	47.29 -0.11 0.00
LACHUTE____HYDRO 323717	49.90 5.52 0.00	36.67 4.00 0.00	31.23 3.25 0.00	32.86 3.25 0.00	33.25 3.38 0.00	33.31 3.30 0.00	34.42 3.49 0.00	33.79 3.27 0.00	30.62 2.95 0.00	37.99 2.97 0.00	33.41 2.98 0.00	37.14 3.31 0.00	53.67 4.66 0.00	58.46 5.41 0.00	60.99 6.64 0.00	70.05 8.47 0.00	74.02 9.75 0.00	106.46 15.43 0.00	102.96 12.28 0.00	102.52 11.49 0.00	68.91 7.22 0.00	76.44 7.76 0.00	54.21 4.87 0.00	52.14 4.73 0.00
LAWRNCALV_115KV_TB1 80681	44.29 -0.09 0.00	32.62 -0.05 0.00	27.92 -0.07 0.00	29.47 -0.15 0.00	29.75 -0.12 0.00	29.91 -0.10 0.00	30.96 0.03 0.00	30.68 0.16 0.00	27.88 0.21 0.00	35.38 0.35 0.00	30.66 0.23 0.00	34.11 0.28 0.00	49.38 0.37 0.00	53.37 0.33 0.00	54.38 0.04 0.00	61.31 -0.26 0.00	63.21 -1.05 0.00	87.58 -3.44 0.00	87.91 -2.77 0.00	105.90 -0.91 -15.77	139.01 0.09 -77.24	263.58 1.16 -193.75	50.23 0.89 -0.01	47.97 0.57 0.00
LEDERLE____ 23769	47.09 2.70 0.00	34.70 2.03 0.00	29.67 1.69 0.00	31.39 1.77 0.00	31.49 1.62 0.00	31.63 1.62 0.00	32.42 1.49 0.00	31.84 1.31 0.00	29.10 1.43 0.00	36.66 1.63 0.00	32.02 1.59 0.00	35.55 1.72 0.00	51.45 2.44 0.00	55.63 2.59 0.00	57.05 2.70 0.00	65.03 3.45 0.00	68.92 4.66 0.00	98.85 7.82 0.00	97.99 7.30 0.00	97.16 6.13 0.00	65.54 3.86 0.00	71.88 3.20 0.00	51.32 1.98 0.00	49.52 2.13 0.00
LIGHTHSE_115KV_TB6 355974	44.72 -0.01 -0.34	32.54 -0.13 0.00	27.77 -0.21 0.00	29.37 -0.24 0.00	29.58 -0.28 0.00	29.74 -0.27 0.00	30.62 -0.31 0.00	30.16 -0.37 0.00	27.43 -0.24 0.00	34.86 -0.16 0.00	30.38 -0.05 0.00	33.64 -0.19 0.00	48.65 -0.35 0.00	52.82 -0.37 -0.15	53.84 -0.51 0.00	64.12 -0.51 -3.06	71.10 0.04 -6.81	97.14 0.35 -5.77	102.83 1.21 -10.93	107.56 2.45 -14.07	77.86 1.79 -14.39	98.05 2.05 -27.33	55.20 0.63 -5.23	52.33 0.06 -4.87
LINDEN COGEN____ 23786	46.97 2.59 0.00	34.68 2.01 0.00	29.65 1.66 0.00	31.33 1.71 0.00	31.42 1.56 0.00	31.55 1.55 0.00	32.35 1.42 0.00	31.80 1.27 0.00	29.12 1.44 0.00	36.58 1.56 0.00	31.98 1.55 0.00	35.50 1.67 0.00	51.24 2.23 0.00	55.24 2.20 0.00	56.35 2.13 0.13	63.99 2.77 0.36	66.59 4.11 1.78	98.15 7.14 0.02	97.24 6.56 0.01	96.40 5.37 0.01	65.07 3.39 0.01	71.32 2.64 0.00	51.02 1.68 0.00	49.34 1.94 0.00
LINDHRST_69_KV_BK1 356055	48.35 3.97 0.00	35.47 2.80 0.00	30.21 2.23 0.00	31.87 2.26 0.00	31.84 1.97 0.00	31.92 1.92 0.00	32.66 1.73 0.00	32.05 1.53 0.00	29.45 1.78 0.00	37.04 2.01 0.00	32.01 1.58 0.00	34.61 1.79 1.01	50.06 2.74 1.69	55.44 3.04 0.65	57.59 3.25 0.00	65.83 4.26 0.00	70.05 5.79 0.00	109.81 9.69 -9.09	110.67 8.66 -11.33	100.53 7.01 -2.49	66.05 4.36 0.00	72.55 3.89 0.02	51.84 2.50 0.00	50.27 2.87 0.00
LIPA_MISC_IPP 23656	48.07 3.69 0.00	35.25 2.59 0.00	30.00 2.02 0.00	31.65 2.03 0.00	31.59 1.72 0.00	31.66 1.65 0.00	32.39 1.46 0.00	31.76 1.24 0.00	29.26 1.59 0.00	36.80 1.78 0.00	31.71 1.28 0.00	33.84 1.51 1.50	48.87 2.37 2.51	54.70 2.62 0.97	57.06 2.72 0.00	65.33 3.75 0.00	69.58 5.32 0.00	210.11 9.12 -109.97	228.95 8.02 -130.25	126.27 6.31 -28.92	65.48 3.80 0.00	71.87 3.24 0.05	49.51 1.96 1.79	49.76 2.36 0.00
LISF____SOLAR 323691	48.20 3.82 0.00	35.35 2.69 0.00	30.08 2.10 0.00	31.73 2.12 0.00	31.67 1.80 0.00	31.74 1.73 0.00	32.48 1.55 0.00	31.86 1.34 0.00	29.34 1.66 0.00	36.88 1.86 0.00	31.77 1.35 0.00	33.84 1.59 1.58	48.86 2.48 2.63	54.78 2.75 1.02	57.20 2.85 0.00	65.51 3.93 0.00	69.78 5.52 0.00	211.98 9.39 -111.57	231.02 8.39 -131.95	126.88 6.68 -29.16	65.73 4.05 0.00	72.16 3.53 0.05	49.73 2.18 1.78	49.94 2.54 0.00
LITTLE FALLS____HYD 24013	45.36 0.98 0.00	33.42 0.75 0.00	28.71 0.72 0.00	30.49 0.88 0.00	30.74 0.87 0.00	30.82 0.81 0.00	31.57 0.64 0.00	30.71 0.19 0.00	27.54 -0.13 0.00	34.30 -0.72 0.00	29.74 -0.69 0.00	33.03 -0.80 0.00	47.92 -1.09 0.00	52.40 -0.64 0.00	54.35 0.00 0.00	61.82 0.25 0.00	64.99 0.74 0.00	94.19 3.16 0.00	94.17 3.49 0.00	94.65 3.62 0.00	64.35 2.66 0.00	70.89 2.21 0.00	50.25 0.92 0.00	48.14 0.74 0.00

LITTLRIV_115KV_TB1 356100	44.92 0.53 0.00	33.08 0.41 0.00	28.29 0.31 0.00	29.85 0.23 0.00	30.15 0.28 0.00	30.30 0.30 0.00	31.34 0.41 0.00	31.06 0.53 0.00	28.15 0.48 0.00	35.54 0.52 0.00	30.86 0.43 0.00	34.31 0.49 0.00	49.59 0.58 0.00	53.57 0.53 0.00	54.53 0.19 0.00	61.47 -0.10 0.00	63.37 -0.89 0.00	87.89 -3.14 0.00	88.45 -2.24 0.00	106.34 0.26 -15.05	137.50 1.17 -74.65	263.94 2.46 -192.80	51.16 1.81 -0.01	48.80 1.40 0.00
LI_NEWBRDGE___DRP 323616	47.37 2.98 0.00	34.80 2.13 0.00	29.67 1.69 0.00	31.34 1.73 0.00	31.35 1.48 0.00	31.45 1.45 0.00	32.20 1.27 0.00	31.61 1.08 0.00	29.00 1.33 0.00	36.45 1.42 0.00	31.55 1.12 0.00	35.10 1.27 0.00	50.90 1.90 0.00	55.12 2.08 0.00	56.52 2.18 0.00	64.58 3.01 0.00	68.61 4.35 0.00	97.66 7.54 0.91	97.27 6.59 0.00	96.16 5.13 0.00	64.83 3.15 0.00	71.18 2.50 0.00	47.91 1.52 2.95	49.32 1.91 0.00
LOCKPORT_115KV_TB60_63_64 80432	45.30 0.91 0.00	32.79 0.12 0.00	27.94 -0.05 0.00	29.29 -0.32 0.00	29.52 -0.34 0.00	29.80 -0.21 0.00	30.66 -0.27 0.00	30.10 -0.42 0.00	27.57 -0.10 0.00	35.49 0.46 0.00	30.74 0.31 0.00	34.20 0.37 0.00	49.40 0.39 0.00	53.24 0.20 0.00	54.22 -0.13 0.00	60.04 -1.53 0.00	62.64 -1.62 0.00	88.76 -2.27 0.00	89.55 -1.14 0.00	91.07 0.04 0.00	60.90 -0.78 0.00	67.91 -0.77 0.00	49.16 -0.18 0.00	47.37 -0.03 0.00
LOCKPORT___CC1 323769	45.22 0.84 0.00	32.73 0.06 0.00	27.90 -0.09 0.00	29.26 -0.35 0.00	29.48 -0.39 0.00	29.74 -0.27 0.00	30.59 -0.33 0.00	30.03 -0.49 0.00	27.54 -0.14 0.00	35.44 0.42 0.00	30.69 0.26 0.00	34.10 0.27 0.00	49.24 0.23 0.00	53.02 -0.03 0.00	54.00 -0.34 0.00	59.80 -1.77 0.00	62.39 -1.87 0.00	88.43 -2.60 0.00	89.18 -1.51 0.00	90.71 -0.32 0.00	60.65 -1.03 0.00	67.66 -1.02 0.00	48.94 -0.40 0.00	47.20 -0.20 0.00
LOCKPORT___CC2 323770	45.22 0.84 0.00	32.73 0.06 0.00	27.90 -0.09 0.00	29.26 -0.35 0.00	29.48 -0.39 0.00	29.74 -0.27 0.00	30.59 -0.33 0.00	30.03 -0.49 0.00	27.54 -0.14 0.00	35.44 0.42 0.00	30.69 0.26 0.00	34.10 0.27 0.00	49.24 0.23 0.00	53.02 -0.03 0.00	54.00 -0.34 0.00	59.80 -1.77 0.00	62.39 -1.87 0.00	88.43 -2.60 0.00	89.18 -1.51 0.00	90.71 -0.32 0.00	60.65 -1.03 0.00	67.66 -1.02 0.00	48.94 -0.40 0.00	47.20 -0.20 0.00
LOCKPORT___CC3 323771	45.22 0.84 0.00	32.73 0.06 0.00	27.90 -0.09 0.00	29.26 -0.35 0.00	29.48 -0.39 0.00	29.74 -0.27 0.00	30.59 -0.33 0.00	30.03 -0.49 0.00	27.54 -0.14 0.00	35.44 0.42 0.00	30.69 0.26 0.00	34.10 0.27 0.00	49.24 0.23 0.00	53.02 -0.03 0.00	54.00 -0.34 0.00	59.80 -1.77 0.00	62.39 -1.87 0.00	88.43 -2.60 0.00	89.18 -1.51 0.00	90.71 -0.32 0.00	60.65 -1.03 0.00	67.66 -1.02 0.00	48.94 -0.40 0.00	47.20 -0.20 0.00
LOCUSVLY_69_KV_BK2 55797	47.82 3.43 0.00	35.16 2.49 0.00	29.98 2.00 0.00	31.66 2.05 0.00	31.69 1.82 0.00	31.78 1.77 0.00	32.54 1.61 0.00	31.96 1.43 0.00	29.32 1.65 0.00	36.92 1.89 0.00	32.05 1.61 0.00	35.67 1.84 0.00	51.75 2.74 0.00	56.07 3.02 0.00	57.50 3.16 0.00	65.65 4.08 0.00	69.69 5.43 0.00	99.84 9.08 0.27	98.67 7.98 0.00	97.62 6.59 0.00	65.77 4.09 0.00	72.18 3.50 0.00	53.79 2.24 -2.21	49.96 2.56 0.00
LONG_LAKE_PHOENIX 24014	44.60 -0.32 -0.53	32.30 -0.36 0.00	27.63 -0.35 0.00	29.22 -0.39 0.00	29.44 -0.43 0.00	29.59 -0.42 0.00	30.45 -0.48 0.00	29.98 -0.54 0.00	27.25 -0.43 0.00	34.56 -0.47 0.00	30.08 -0.35 0.00	33.47 -0.36 0.00	48.54 -0.47 0.00	52.83 -0.45 -0.23	53.83 -0.51 0.00	65.72 -0.56 -4.71	74.44 -0.31 -10.49	99.99 0.07 -8.89	107.82 0.28 -16.86	111.05 0.49 -19.52	73.75 0.12 -11.95	87.31 -0.11 -18.75	57.06 -0.33 -8.06	54.54 -0.37 -7.51
LOVETT___3 23632	46.72 2.33 0.00	34.45 1.79 0.00	29.48 1.49 0.00	31.19 1.58 0.00	31.30 1.43 0.00	31.42 1.42 0.00	32.21 1.29 0.00	31.64 1.12 0.00	28.91 1.23 0.00	36.37 1.35 0.00	31.75 1.32 0.00	35.21 1.38 0.00	50.92 1.91 0.00	55.01 1.97 0.00	56.39 2.05 0.00	64.29 2.71 0.00	68.13 3.87 0.00	97.74 6.71 0.00	96.86 6.17 0.00	96.08 5.05 0.00	64.85 3.17 0.00	71.14 2.46 0.00	50.83 1.49 0.00	49.09 1.69 0.00
LOVETT___4 23642	46.72 2.33 0.00	34.45 1.79 0.00	29.48 1.49 0.00	31.19 1.58 0.00	31.30 1.43 0.00	31.42 1.42 0.00	32.21 1.29 0.00	31.64 1.12 0.00	28.91 1.23 0.00	36.37 1.35 0.00	31.75 1.32 0.00	35.21 1.38 0.00	50.92 1.91 0.00	55.01 1.97 0.00	56.39 2.05 0.00	64.29 2.71 0.00	68.13 3.87 0.00	97.74 6.71 0.00	96.86 6.17 0.00	96.08 5.05 0.00	64.85 3.17 0.00	71.14 2.46 0.00	50.83 1.49 0.00	49.09 1.69 0.00
LOVETT___5 23593	46.72 2.33 0.00	34.45 1.79 0.00	29.48 1.49 0.00	31.19 1.58 0.00	31.30 1.43 0.00	31.42 1.42 0.00	32.21 1.29 0.00	31.64 1.12 0.00	28.91 1.23 0.00	36.37 1.35 0.00	31.75 1.32 0.00	35.21 1.38 0.00	50.92 1.91 0.00	55.01 1.97 0.00	56.39 2.05 0.00	64.29 2.71 0.00	68.13 3.87 0.00	97.74 6.71 0.00	96.86 6.17 0.00	96.08 5.05 0.00	64.85 3.17 0.00	71.14 2.46 0.00	50.83 1.49 0.00	49.09 1.69 0.00
LOWER RAQUET___HYD 24057	44.34 -0.05 0.00	32.65 -0.01 0.00	27.93 -0.05 0.00	29.49 -0.13 0.00	29.77 -0.10 0.00	29.93 -0.08 0.00	30.97 0.04 0.00	30.70 0.18 0.00	27.89 0.22 0.00	35.38 0.36 0.00	30.66 0.23 0.00	34.11 0.28 0.00	49.38 0.37 0.00	53.34 0.30 0.00	54.34 0.00 0.00	61.29 -0.28 0.00	63.22 -1.04 0.00	87.63 -3.39 0.00	88.07 -2.62 0.00	104.79 -0.61 -14.37	134.23 0.32 -72.22	262.02 1.44 -191.91	50.39 1.04 -0.01	48.05 0.65 0.00
LOWER___HUDSON 24059	45.78 1.39 0.00	33.84 1.17 0.00	29.00 1.01 0.00	30.75 1.14 0.00	30.99 1.12 0.00	31.09 1.08 0.00	31.96 1.03 0.00	31.40 0.88 0.00	28.46 0.78 0.00	35.68 0.65 0.00	30.96 0.53 0.00	34.34 0.51 0.00	49.66 0.65 0.00	53.81 0.77 0.00	55.60 1.25 0.00	63.36 1.79 0.00	66.65 2.39 0.00	95.56 4.54 0.00	94.97 4.28 0.00	94.56 3.53 0.00	64.12 2.43 0.00	70.70 2.02 0.00	50.50 1.16 0.00	48.61 1.21 0.00
LOWVILLE_115KV_TB2 356335	44.87 0.40 -0.09	32.85 0.19 0.00	27.98 0.00 0.00	29.64 0.03 0.00	29.78 -0.09 0.00	29.95 -0.05 0.00	30.86 -0.07 0.00	30.44 -0.08 0.00	27.75 0.08 0.00	35.33 0.31 0.00	30.68 0.25 0.00	33.93 0.10 0.00	49.23 0.22 0.00	53.31 0.23 -0.04	54.38 0.04 0.00	62.82 0.46 -0.78	67.15 1.17 -1.73	93.84 1.34 -1.47	96.62 3.15 -2.78	103.82 5.50 -7.29	88.26 4.29 -22.29	130.20 5.07 -56.46	52.43 1.77 -1.33	49.05 0.41 -1.24
LUTHERFT_115KV_GLOB_FND_222 355753	46.60 2.22 0.00	34.33 1.66 0.00	29.39 1.41 0.00	31.13 1.52 0.00	31.39 1.52 0.00	31.48 1.48 0.00	32.38 1.45 0.00	31.83 1.30 0.00	28.83 1.16 0.00	36.21 1.18 0.00	31.42 1.00 0.00	34.89 1.06 0.00	50.54 1.53 0.00	54.83 1.79 0.00	56.71 2.36 0.00	64.68 3.10 0.00	68.00 3.74 0.00	97.54 6.52 0.00	97.14 6.46 0.00	97.04 6.00 0.00	65.70 4.01 0.00	72.46 3.78 0.00	51.66 2.32 0.00	49.60 2.21 0.00

LUTHERNY_35_KV_BK2 355980	46.68 2.29 0.00	34.33 1.67 0.00	29.40 1.42 0.00	31.12 1.51 0.00	31.41 1.54 0.00	31.49 1.48 0.00	32.37 1.44 0.00	31.83 1.31 0.00	28.86 1.19 0.00	36.26 1.23 0.00	31.46 1.04 0.00	34.93 1.10 0.00	50.61 1.60 0.00	54.84 1.80 0.00	56.82 2.47 0.00	64.80 3.22 0.00	68.10 3.84 0.00	97.77 6.74 0.00	97.23 6.55 0.00	97.14 6.11 0.00	65.76 4.07 0.00	72.56 3.88 0.00	51.72 2.38 0.00	49.63 2.23 0.00
LWR___OSWEGATCHIE_HYD 23850	44.66 0.20 -0.08	32.77 0.10 0.00	27.96 -0.02 0.00	29.56 -0.05 0.00	29.78 -0.08 0.00	29.94 -0.06 0.00	30.90 -0.03 0.00	30.48 -0.04 0.00	27.76 0.09 0.00	35.28 0.26 0.00	30.63 0.20 0.00	33.93 0.10 0.00	49.15 0.14 0.00	53.16 0.08 -0.03	54.19 -0.15 0.00	62.21 -0.07 -0.71	65.80 -0.04 -1.58	91.27 -1.10 -1.34	93.47 0.25 -2.54	106.25 2.55 -12.67	114.67 2.38 -50.60	204.06 3.46 -131.93	52.09 1.53 -1.22	49.15 0.62 -1.13
LYONS_FALL_HYD 23570	45.13 0.69 -0.05	33.09 0.43 0.00	28.24 0.25 0.00	29.89 0.27 0.00	30.07 0.20 0.00	30.23 0.22 0.00	31.14 0.20 0.00	30.69 0.17 0.00	27.92 0.25 0.00	35.49 0.46 0.00	30.85 0.42 0.00	34.19 0.36 0.00	49.64 0.63 0.00	53.79 0.72 -0.02	54.94 0.59 0.00	63.05 0.98 -0.49	66.90 1.55 -1.10	94.19 2.23 -0.93	95.94 3.49 -1.76	100.82 5.05 -4.73	80.11 3.72 -14.71	110.22 4.22 -37.31	51.89 1.71 -0.84	48.96 0.78 -0.79
MADISON___COUNTY_LFGE 323628	45.80 1.41 0.00	33.60 0.93 0.00	28.72 0.73 0.00	30.37 0.75 0.00	30.60 0.73 0.00	30.74 0.74 0.00	31.63 0.70 0.00	31.10 0.57 0.00	28.18 0.50 0.00	35.72 0.69 0.00	31.09 0.66 0.00	34.57 0.74 0.00	50.38 1.38 0.00	54.58 1.54 0.00	55.80 1.46 0.00	63.38 1.80 0.00	66.51 2.25 0.00	94.91 3.89 0.00	95.13 4.44 0.00	96.92 5.07 -0.81	69.15 3.37 -4.09	83.05 3.49 -10.88	51.29 1.95 0.00	48.99 1.59 0.00
MALONE___115KV_TB1 356076	43.86 -0.52 0.00	32.38 -0.29 0.00	27.74 -0.24 0.00	29.21 -0.40 0.00	29.58 -0.29 0.00	29.77 -0.24 0.00	30.84 -0.09 0.00	30.58 0.06 0.00	27.80 0.12 0.00	35.28 0.25 0.00	30.42 -0.01 0.00	33.93 0.10 0.00	49.21 0.20 0.00	53.11 0.06 0.00	53.95 -0.39 0.00	60.75 -0.82 0.00	62.61 -1.65 0.00	87.58 -3.44 0.00	87.90 -2.78 0.00	94.88 -0.76 -4.61	116.14 -0.20 -54.65	390.05 0.62 -320.75	50.11 0.77 0.00	47.90 0.50 0.00
MAPLEWOD_115KV_TB3 80458	45.54 1.16 0.00	33.75 1.08 0.00	28.98 1.00 0.00	30.73 1.11 0.00	30.95 1.08 0.00	31.05 1.05 0.00	31.90 0.97 0.00	31.35 0.83 0.00	28.43 0.75 0.00	35.64 0.61 0.00	30.87 0.44 0.00	34.26 0.43 0.00	49.59 0.58 0.00	53.70 0.65 0.00	55.38 1.04 0.00	63.07 1.49 0.00	66.31 2.05 0.00	95.06 4.03 0.00	94.52 3.84 0.00	94.16 3.13 0.00	63.78 2.10 0.00	70.36 1.68 0.00	50.23 0.89 0.00	48.32 0.92 0.00
MAPLE_RIDGE_WT_1 323574	43.58 -0.81 0.00	32.13 -0.54 0.00	27.51 -0.47 0.00	29.14 -0.48 0.00	29.38 -0.49 0.00	29.51 -0.49 0.00	30.53 -0.41 0.00	30.19 -0.34 0.00	27.46 -0.21 0.00	34.81 -0.21 0.00	30.19 -0.24 0.00	33.55 -0.28 0.00	48.64 -0.37 0.00	52.65 -0.39 0.00	53.88 -0.47 0.00	61.01 -0.56 0.00	63.47 -0.79 0.00	89.71 -1.31 0.00	89.69 -1.00 0.00	90.47 -0.57 0.00	60.86 -0.29 0.53	63.81 -0.52 4.35	48.68 -0.66 0.00	46.63 -0.77 0.00
MAPLE_RIDGE_WT_2 323611	43.58 -0.81 0.00	32.13 -0.54 0.00	27.51 -0.47 0.00	29.14 -0.48 0.00	29.38 -0.49 0.00	29.51 -0.49 0.00	30.53 -0.41 0.00	30.19 -0.34 0.00	27.46 -0.21 0.00	34.81 -0.21 0.00	30.19 -0.24 0.00	33.55 -0.28 0.00	48.64 -0.37 0.00	52.65 -0.39 0.00	53.88 -0.47 0.00	61.01 -0.56 0.00	63.47 -0.79 0.00	89.71 -1.31 0.00	89.69 -1.00 0.00	90.47 -0.57 0.00	60.86 -0.29 0.53	63.81 -0.52 4.35	48.68 -0.66 0.00	46.63 -0.77 0.00
MARBLE_RIVER_WT_PWR 323696	43.15 -1.23 0.00	31.91 -0.76 0.00	27.37 -0.61 0.00	28.86 -0.75 0.00	29.23 -0.64 0.00	29.41 -0.59 0.00	30.50 -0.43 0.00	30.22 -0.31 0.00	27.41 -0.26 0.00	34.73 -0.29 0.00	29.91 -0.52 0.00	33.36 -0.47 0.00	48.41 -0.60 0.00	52.21 -0.83 0.00	52.93 -1.42 0.00	59.55 -2.02 0.00	61.42 -2.84 0.00	85.96 -5.06 0.00	86.28 -4.40 0.00	88.02 -3.01 0.00	56.43 -1.72 3.53	38.30 -1.31 29.08	48.72 -0.62 0.00	46.83 -0.57 0.00
MARSHVLE_115KV_TB1 80742	47.12 2.74 0.00	34.50 1.83 0.00	29.43 1.45 0.00	31.09 1.48 0.00	31.35 1.48 0.00	31.53 1.52 0.00	32.41 1.48 0.00	31.67 1.15 0.00	28.48 0.81 0.00	36.16 1.14 0.00	31.56 1.13 0.00	35.17 1.34 0.00	51.17 2.16 0.00	55.79 2.75 0.00	57.35 3.01 0.00	64.18 2.61 0.00	67.00 2.74 0.00	94.44 3.41 0.00	95.02 4.33 0.00	97.56 6.53 0.00	66.63 4.95 0.00	73.90 5.21 0.00	52.89 3.55 0.00	50.63 3.23 0.00
MARSH_HILL_WT_PWR 323713	45.66 1.27 0.00	32.70 0.03 0.00	27.68 -0.30 0.00	29.08 -0.53 0.00	29.35 -0.51 0.00	29.71 -0.29 0.00	30.69 -0.24 0.00	30.00 -0.53 0.00	27.40 -0.27 0.00	35.01 -0.02 0.00	30.31 -0.12 0.00	33.61 -0.22 0.00	48.85 -0.16 0.00	52.59 -0.45 0.00	53.48 -0.86 0.00	59.80 -1.78 0.00	63.13 -1.13 0.00	90.79 -0.24 0.00	91.67 0.99 0.00	93.65 2.62 0.00	63.05 1.36 0.00	69.32 0.64 0.00	49.21 -0.13 0.00	46.94 -0.46 0.00
MCINTYRE_115KV_TB2 80467	45.14 0.76 0.00	33.24 0.57 0.00	28.43 0.45 0.00	30.00 0.39 0.00	30.30 0.43 0.00	30.46 0.45 0.00	31.49 0.57 0.00	31.21 0.68 0.00	28.24 0.57 0.00	35.59 0.57 0.00	30.93 0.50 0.00	34.39 0.55 0.00	49.64 0.63 0.00	53.71 0.67 0.00	54.65 0.30 0.00	61.55 -0.03 0.00	63.39 -0.87 0.00	87.89 -3.14 0.00	88.46 -2.22 0.00	107.58 0.40 -16.15	141.62 1.38 -78.56	265.62 2.71 -194.23	51.41 2.07 -0.01	49.08 1.68 0.00
MECO_____69_KV_BK1 80468	47.63 3.24 0.00	34.90 2.23 0.00	29.80 1.82 0.00	31.50 1.89 0.00	31.74 1.87 0.00	31.90 1.89 0.00	32.77 1.84 0.00	31.97 1.45 0.00	28.54 0.87 0.00	35.94 0.91 0.00	31.27 0.84 0.00	34.75 0.93 0.00	50.53 1.52 0.00	55.23 2.19 0.00	57.23 2.89 0.00	64.33 2.75 0.00	67.45 3.19 0.00	95.83 4.81 0.00	96.84 6.16 0.00	99.40 8.37 0.00	67.89 6.21 0.00	75.14 6.46 0.00	53.59 4.25 0.00	51.22 3.82 0.00
MENANDS___115KV_TB5 355628	45.20 0.81 0.00	33.54 0.87 0.00	28.85 0.86 0.00	30.58 0.97 0.00	30.81 0.95 0.00	30.92 0.91 0.00	31.77 0.84 0.00	31.21 0.69 0.00	28.29 0.62 0.00	35.46 0.43 0.00	30.68 0.25 0.00	34.02 0.19 0.00	49.19 0.18 0.00	53.23 0.18 0.00	54.87 0.53 0.00	62.48 0.91 0.00	65.72 1.46 0.00	94.17 3.15 0.00	93.56 2.88 0.00	93.11 2.07 0.00	63.10 1.41 0.00	69.60 0.92 0.00	49.71 0.37 0.00	47.86 0.46 0.00
MG INDUSTRY___DRP 24185	45.26 0.87 0.00	33.52 0.85 0.00	28.83 0.85 0.00	30.58 0.96 0.00	30.82 0.96 0.00	30.94 0.94 0.00	31.81 0.88 0.00	31.22 0.70 0.00	28.22 0.55 0.00	35.35 0.33 0.00	30.57 0.14 0.00	33.81 -0.02 0.00	48.73 -0.28 0.00	51.98 -1.07 0.00	53.51 -0.83 0.00	60.92 -0.66 0.00	64.02 -0.24 0.00	91.55 0.52 0.00	91.06 0.37 0.00	90.91 -0.12 0.00	61.67 -0.01 0.00	68.19 -0.49 0.00	48.74 -0.60 0.00	46.92 -0.48 0.00

MID___OSWEGATCHIE_HYD 23849	44.66 0.20 -0.08	32.77 0.10 0.00	27.96 -0.02 0.00	29.56 -0.05 0.00	29.78 -0.08 0.00	29.94 -0.06 0.00	30.90 -0.03 0.00	30.48 -0.04 0.00	27.76 0.09 0.00	35.28 0.26 0.00	30.63 0.20 0.00	33.93 0.10 0.00	49.15 0.14 0.00	53.16 0.08 -0.03	54.19 -0.15 0.00	62.21 -0.07 -0.71	65.80 -0.04 -1.58	91.27 -1.10 -1.34	93.47 0.25 -2.54	106.25 2.55 -12.67	114.67 2.38 -50.60	204.06 3.46 -131.93	52.09 1.53 -1.22	49.15 0.62 -1.13
MID___RAQUETTE_HYD 23851	44.34 -0.05 0.00	32.65 -0.01 0.00	27.93 -0.05 0.00	29.49 -0.13 0.00	29.77 -0.10 0.00	29.93 -0.08 0.00	30.97 0.04 0.00	30.70 0.18 0.00	27.89 0.22 0.00	35.38 0.36 0.00	30.66 0.23 0.00	34.11 0.28 0.00	49.38 0.37 0.00	53.34 0.30 0.00	54.34 0.00 0.00	61.29 -0.29 0.00	63.22 -1.04 0.00	87.63 -3.39 0.00	88.07 -2.62 0.00	104.79 -0.61 -14.37	134.23 0.33 -72.22	262.02 1.44 -191.91	50.39 1.04 -0.01	48.05 0.64 0.00
MILLIKEN___1 23584	45.77 1.33 -0.06	33.45 0.78 0.00	28.58 0.60 0.00	30.20 0.58 0.00	30.44 0.58 0.00	30.61 0.60 0.00	31.49 0.56 0.00	30.90 0.38 0.00	28.11 0.44 0.00	35.58 0.55 0.00	30.96 0.54 0.00	34.39 0.56 0.00	49.93 0.93 0.00	54.14 1.07 -0.03	55.39 1.05 0.00	63.31 1.20 -0.54	67.10 1.64 -1.20	95.29 3.24 -1.02	96.35 3.73 -1.93	97.56 4.29 -2.24	65.67 2.70 -1.29	72.79 2.62 -1.50	51.69 1.43 -0.92	49.51 1.25 -0.86
MILLIKEN___2 23585	45.77 1.33 -0.06	33.45 0.78 0.00	28.58 0.60 0.00	30.20 0.58 0.00	30.44 0.58 0.00	30.61 0.60 0.00	31.49 0.56 0.00	30.90 0.38 0.00	28.11 0.44 0.00	35.58 0.55 0.00	30.96 0.54 0.00	34.39 0.56 0.00	49.93 0.93 0.00	54.14 1.07 -0.03	55.39 1.05 0.00	63.31 1.20 -0.54	67.10 1.64 -1.20	95.29 3.24 -1.02	96.35 3.73 -1.93	97.56 4.29 -2.24	65.67 2.70 -1.29	72.79 2.62 -1.50	51.69 1.43 -0.92	49.51 1.25 -0.86
MILLIKEN___DIESEL 23629	45.77 1.33 -0.06	33.45 0.78 0.00	28.58 0.60 0.00	30.20 0.58 0.00	30.44 0.58 0.00	30.61 0.60 0.00	31.49 0.56 0.00	30.90 0.38 0.00	28.11 0.44 0.00	35.58 0.55 0.00	30.96 0.54 0.00	34.39 0.56 0.00	49.93 0.93 0.00	54.14 1.07 -0.03	55.39 1.05 0.00	63.31 1.20 -0.54	67.10 1.64 -1.20	95.29 3.24 -1.02	96.35 3.73 -1.93	97.56 4.29 -2.24	65.67 2.70 -1.29	72.79 2.62 -1.50	51.69 1.43 -0.92	49.51 1.25 -0.86
MILLSEAT___LFGE 323607	46.34 1.96 0.00	33.53 0.86 0.00	28.55 0.57 0.00	29.97 0.35 0.00	30.17 0.30 0.00	30.43 0.42 0.00	31.29 0.37 0.00	30.71 0.18 0.00	28.11 0.44 0.00	36.13 1.11 0.00	31.33 0.90 0.00	34.90 1.07 0.00	50.59 1.59 0.00	54.56 1.52 0.00	55.70 1.36 0.00	61.88 0.31 0.00	64.62 0.36 0.00	91.88 0.85 0.00	92.81 2.13 0.00	94.64 3.61 0.00	63.42 1.73 0.00	70.61 1.92 0.00	50.83 1.49 0.00	48.82 1.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.86 2.47 0.00	34.56 1.89 0.00	29.55 1.57 0.00	31.26 1.65 0.00	31.39 1.52 0.00	31.50 1.50 0.00	32.30 1.38 0.00	31.74 1.21 0.00	29.00 1.33 0.00	36.48 1.46 0.00	31.84 1.41 0.00	35.33 1.50 0.00	51.08 2.07 0.00	55.20 2.16 0.00	56.57 2.23 0.00	64.50 2.93 0.00	68.36 4.10 0.00	98.14 7.12 0.00	97.24 6.56 0.00	96.47 5.44 0.00	65.11 3.42 0.00	71.43 2.75 0.00	51.02 1.69 0.00	49.27 1.87 0.00
MILLWOOD_13_KV_LOAD 356217	46.94 2.56 0.00	34.62 1.95 0.00	29.60 1.62 0.00	31.31 1.70 0.00	31.43 1.55 0.00	31.55 1.54 0.00	32.36 1.43 0.00	31.78 1.26 0.00	29.04 1.37 0.00	36.53 1.50 0.00	31.89 1.46 0.00	35.40 1.57 0.00	51.19 2.18 0.00	55.31 2.27 0.00	56.71 2.37 0.00	64.65 3.08 0.00	68.54 4.28 0.00	98.40 7.38 0.00	97.51 6.83 0.00	96.73 5.69 0.00	65.27 3.59 0.00	71.61 2.93 0.00	51.14 1.80 0.00	49.37 1.97 0.00
MODEL_CITY_ENERGY 24167	44.93 0.55 0.00	32.52 -0.15 0.00	27.71 -0.27 0.00	29.07 -0.54 0.00	29.29 -0.58 0.00	29.56 -0.45 0.00	30.38 -0.55 0.00	29.84 -0.68 0.00	27.35 -0.32 0.00	35.20 0.17 0.00	30.49 0.06 0.00	33.94 0.11 0.00	49.01 0.00 0.00	52.80 -0.24 0.00	53.79 -0.55 0.00	59.53 -2.05 0.00	62.09 -2.17 0.00	87.90 -3.12 0.00	88.60 -2.09 0.00	90.11 -0.93 0.00	60.22 -1.46 0.00	67.18 -1.50 0.00	48.66 -0.67 0.00	46.97 -0.43 0.00
MODERN_LFGE___ 323580	44.93 0.55 0.00	32.52 -0.15 0.00	27.71 -0.27 0.00	29.07 -0.54 0.00	29.29 -0.58 0.00	29.56 -0.45 0.00	30.38 -0.55 0.00	29.84 -0.68 0.00	27.35 -0.32 0.00	35.20 0.17 0.00	30.49 0.06 0.00	33.94 0.11 0.00	49.01 0.00 0.00	52.80 -0.24 0.00	53.79 -0.55 0.00	59.53 -2.05 0.00	62.09 -2.17 0.00	87.90 -3.12 0.00	88.60 -2.09 0.00	90.11 -0.93 0.00	60.22 -1.46 0.00	67.18 -1.50 0.00	48.66 -0.67 0.00	46.97 -0.43 0.00
MOHAWK_PAPER___DRP 24187	45.54 1.16 0.00	33.75 1.08 0.00	28.98 1.00 0.00	30.73 1.11 0.00	30.95 1.08 0.00	31.05 1.05 0.00	31.90 0.97 0.00	31.35 0.83 0.00	28.43 0.75 0.00	35.64 0.61 0.00	30.87 0.44 0.00	34.26 0.43 0.00	49.59 0.58 0.00	53.70 0.65 0.00	55.38 1.04 0.00	63.07 1.49 0.00	66.31 2.05 0.00	95.06 4.03 0.00	94.52 3.84 0.00	94.16 3.13 0.00	63.78 2.10 0.00	70.36 1.68 0.00	50.23 0.89 0.00	48.32 0.92 0.00
MOHICAN___35_KV_115KV_LD 80490	47.00 2.62 0.00	34.62 1.95 0.00	29.61 1.63 0.00	31.31 1.70 0.00	31.57 1.70 0.00	31.67 1.66 0.00	32.60 1.67 0.00	32.04 1.52 0.00	29.07 1.39 0.00	36.43 1.40 0.00	31.55 1.12 0.00	34.99 1.16 0.00	50.69 1.68 0.00	55.03 1.99 0.00	56.98 2.64 0.00	65.21 3.64 0.00	68.64 4.38 0.00	98.61 7.59 0.00	98.41 7.72 0.00	98.26 7.23 0.00	66.61 4.92 0.00	73.33 4.65 0.00	52.21 2.87 0.00	50.09 2.69 0.00
MONGAUP___HYD 23641	46.96 2.57 0.00	34.57 1.90 0.00	29.55 1.57 0.00	31.26 1.65 0.00	31.40 1.53 0.00	31.53 1.52 0.00	32.36 1.43 0.00	31.74 1.21 0.00	28.78 1.10 0.00	36.13 1.11 0.00	31.45 1.03 0.00	34.91 1.08 0.00	50.52 1.51 0.00	54.69 1.65 0.00	56.16 1.81 0.00	64.06 2.48 0.00	67.84 3.58 0.00	97.15 6.13 0.00	96.93 6.25 0.00	96.95 5.92 0.00	65.56 3.88 0.00	72.08 3.40 0.00	51.68 2.34 0.00	49.65 2.25 0.00
MONTAUK___DIESEL 23721	48.08 3.69 0.00	35.19 2.53 0.00	29.88 1.90 0.00	31.46 1.84 0.00	31.36 1.49 0.00	31.38 1.37 0.00	32.11 1.18 0.00	31.56 1.03 0.00	29.29 1.62 0.00	36.95 1.93 0.00	31.83 1.41 0.00	34.25 1.95 1.53	49.56 3.10 2.55	55.39 3.33 0.99	57.83 3.49 0.00	66.25 4.67 0.00	70.95 6.68 0.00	212.61 10.95 -110.64	230.61 8.92 -131.01	127.64 7.54 -29.07	66.09 4.40 0.00	72.65 4.02 0.05	49.93 2.38 1.79	49.99 2.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.52 1.14 0.00	32.62 -0.05 0.00	27.80 -0.18 0.00	29.30 -0.32 0.00	29.48 -0.39 0.00	29.76 -0.25 0.00	30.50 -0.43 0.00	30.04 -0.48 0.00	27.87 0.20 0.00	36.05 1.02 0.00	31.34 0.91 0.00	35.02 1.20 0.00	51.00 2.00 0.00	55.03 1.99 0.00	55.78 1.44 0.00	62.35 0.77 0.00	65.39 1.13 0.00	93.95 2.92 0.00	94.39 3.71 0.00	94.75 3.72 0.00	62.93 1.25 0.00	69.01 0.33 0.00	49.16 -0.17 0.00	47.05 -0.35 0.00

MORRIS_RIDGE___SOLAR 323848	45.25 0.87 0.00	32.54 -0.13 0.00	27.65 -0.33 0.00	29.07 -0.54 0.00	29.31 -0.56 0.00	29.63 -0.38 0.00	30.47 -0.46 0.00	29.67 -0.85 0.00	27.03 -0.64 0.00	34.54 -0.49 0.00	29.89 -0.53 0.00	33.25 -0.58 0.00	48.30 -0.71 0.00	52.06 -0.98 0.00	52.98 -1.36 0.00	59.23 -2.35 0.00	62.24 -2.02 0.00	89.11 -1.91 0.00	89.92 -0.76 0.00	91.97 0.94 0.00	62.00 0.31 0.00	68.65 -0.03 0.00	48.93 -0.40 0.00	46.83 -0.57 0.00
MORTIMER_115KV_TB3 55949	45.60 1.22 0.00	33.19 0.52 0.00	28.32 0.34 0.00	29.80 0.18 0.00	30.00 0.13 0.00	30.21 0.20 0.00	31.13 0.20 0.00	30.61 0.09 0.00	27.97 0.30 0.00	35.86 0.83 0.00	31.20 0.77 0.00	34.81 0.98 0.00	50.49 1.48 0.00	54.64 1.60 0.00	55.80 1.45 0.00	62.53 0.96 0.00	65.42 1.16 0.00	92.97 1.94 0.00	93.29 2.61 0.00	94.52 3.49 0.00	63.38 1.69 0.00	70.49 1.81 0.00	50.58 1.25 0.00	48.51 1.11 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.18 2.80 0.00	34.81 2.15 0.00	29.77 1.78 0.00	31.48 1.86 0.00	31.58 1.71 0.00	31.70 1.70 0.00	32.50 1.57 0.00	31.95 1.42 0.00	29.24 1.56 0.00	36.75 1.73 0.00	32.11 1.68 0.00	35.65 1.82 0.00	51.49 2.48 0.00	55.58 2.54 0.00	56.87 2.53 0.00	64.84 3.26 0.00	68.81 4.55 0.00	98.79 7.76 0.00	97.86 7.17 0.00	97.07 6.04 0.00	65.49 3.81 0.00	71.80 3.12 0.00	51.31 1.97 0.00	49.58 2.18 0.00
MUNSVILLE_WIND_PWR 323609	47.17 2.79 0.00	34.62 1.96 0.00	29.68 1.70 0.00	31.31 1.70 0.00	31.50 1.63 0.00	31.66 1.65 0.00	32.58 1.65 0.00	32.17 1.65 0.00	29.32 1.65 0.00	37.39 2.36 0.00	32.56 2.13 0.00	36.11 2.28 0.00	52.32 3.31 0.00	56.56 3.52 0.00	57.96 3.62 0.00	65.36 3.79 0.00	68.97 4.71 0.00	98.98 7.96 0.00	99.46 8.77 0.00	100.97 9.93 0.00	67.74 6.05 0.00	74.10 5.42 0.00	52.45 3.12 0.00	50.16 2.76 0.00
N SALMON___HYD 24042	43.86 -0.52 0.00	32.38 -0.29 0.00	27.74 -0.24 0.00	29.21 -0.40 0.00	29.58 -0.29 0.00	29.77 -0.23 0.00	30.84 -0.09 0.00	30.59 0.06 0.00	27.80 0.12 0.00	35.28 0.25 0.00	30.42 0.00 0.00	33.93 0.10 0.00	49.21 0.20 0.00	53.11 0.06 0.00	53.95 -0.39 0.00	60.75 -0.82 0.00	62.61 -1.64 0.00	87.59 -3.44 0.00	87.91 -2.78 0.00	94.88 -0.75 -4.61	116.13 -0.21 -54.65	390.05 0.62 -320.75	50.11 0.77 0.00	47.90 0.50 0.00
N.AKRON___115KV_KNAPP 355671	46.23 1.84 0.00	33.45 0.79 0.00	28.50 0.52 0.00	29.90 0.29 0.00	30.12 0.25 0.00	30.38 0.38 0.00	31.27 0.33 0.00	30.69 0.16 0.00	28.09 0.42 0.00	36.12 1.09 0.00	31.32 0.89 0.00	34.87 1.04 0.00	50.55 1.54 0.00	54.47 1.43 0.00	55.55 1.21 0.00	61.69 0.11 0.00	64.43 0.17 0.00	91.55 0.53 0.00	92.47 1.78 0.00	94.24 3.21 0.00	63.09 1.41 0.00	70.28 1.60 0.00	50.66 1.32 0.00	48.66 1.26 0.00
N.E_GEN_SANDY PD 24062	45.78 1.40 0.00	33.86 1.19 0.00	29.00 1.01 0.00	30.74 1.12 0.00	30.95 1.08 0.00	31.04 1.04 0.00	31.90 0.97 0.00	31.32 0.80 0.00	28.62 0.79 -0.15	35.67 0.64 0.00	31.02 0.60 0.00	34.38 0.55 0.00	49.64 0.63 0.00	53.70 0.66 0.00	56.80 1.05 -1.41	60.42 1.63 2.79	65.25 2.47 1.48	97.38 4.80 -1.55	94.97 4.29 0.00	94.24 3.20 0.00	61.05 2.15 2.78	70.18 1.51 0.00	50.09 0.76 0.00	49.66 0.96 -1.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.88 2.50 0.00	34.56 1.89 0.00	29.56 1.58 0.00	31.27 1.65 0.00	31.37 1.50 0.00	31.50 1.50 0.00	32.30 1.37 0.00	31.71 1.19 0.00	28.98 1.31 0.00	36.49 1.46 0.00	31.87 1.44 0.00	35.37 1.54 0.00	51.17 2.16 0.00	55.32 2.28 0.00	56.73 2.38 0.00	64.66 3.09 0.00	68.53 4.28 0.00	98.32 7.30 0.00	97.44 6.75 0.00	96.63 5.59 0.00	65.20 3.52 0.00	71.49 2.82 0.00	51.06 1.72 0.00	49.28 1.88 0.00
N.QUEENS_27_KV_LOAD 356247	47.37 2.99 0.00	35.07 2.40 0.00	29.94 1.96 0.00	31.75 2.14 0.00	31.86 2.00 0.00	32.00 1.99 0.00	32.77 1.84 0.00	32.16 1.64 0.00	29.54 1.87 0.00	36.98 1.95 0.00	32.34 1.91 0.00	35.83 2.01 0.00	51.68 2.67 0.00	55.73 2.69 0.00	56.87 2.52 -0.01	64.82 3.24 -0.01	68.85 4.58 -0.01	99.08 7.76 -0.29	97.91 7.22 -0.01	97.21 6.16 -0.02	65.66 3.97 -0.01	71.90 3.21 -0.01	51.40 2.06 0.00	49.73 2.33 0.00
N.TROY___115KV_TB1 355778	45.78 1.39 0.00	33.84 1.17 0.00	29.00 1.01 0.00	30.75 1.14 0.00	30.99 1.12 0.00	31.09 1.08 0.00	31.96 1.03 0.00	31.40 0.88 0.00	28.46 0.78 0.00	35.67 0.65 0.00	30.96 0.53 0.00	34.34 0.51 0.00	49.67 0.66 0.00	53.81 0.77 0.00	55.60 1.26 0.00	63.36 1.79 0.00	66.66 2.40 0.00	95.56 4.54 0.00	94.97 4.28 0.00	94.56 3.52 0.00	64.12 2.43 0.00	70.70 2.02 0.00	50.50 1.16 0.00	48.61 1.21 0.00
NARROWS_GT1_1 24228	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT1_2 24229	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT1_3 24230	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT1_4 24231	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT1_5 24232	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00

NARROWS_GT1_6 24233	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT1_7 24234	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT1_8 24235	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_1 24236	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_2 24237	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_3 24238	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_4 24239	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_5 24240	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_6 24241	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_7 24242	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NARROWS_GT2_8 24243	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.41 3.18 0.35	68.74 4.49 0.01	98.71 7.69 0.01	97.73 7.05 0.01	96.92 5.89 0.01	65.47 3.79 0.01	71.68 3.01 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.14 1.75 0.00	34.13 1.47 0.00	29.36 1.38 0.00	31.12 1.50 0.00	31.36 1.49 0.00	31.47 1.47 0.00	32.35 1.42 0.00	31.77 1.24 0.00	28.70 1.03 0.00	35.82 0.79 0.00	30.90 0.47 0.00	34.27 0.44 0.00	49.62 0.61 0.00	53.63 0.59 0.00	55.45 1.11 0.00	63.13 1.55 0.00	66.33 2.07 0.00	95.30 4.27 0.00	95.20 4.51 0.00	95.41 4.37 0.00	64.73 3.05 0.00	71.51 2.83 0.00	50.88 1.54 0.00	48.80 1.40 0.00
NCHELSEA_115KV_TR2 355582	47.11 2.73 0.00	34.71 2.04 0.00	29.70 1.71 0.00	31.42 1.81 0.00	31.57 1.70 0.00	31.68 1.68 0.00	32.52 1.59 0.00	31.96 1.44 0.00	29.17 1.49 0.00	36.73 1.71 0.00	32.08 1.65 0.00	35.65 1.83 0.00	51.60 2.59 0.00	55.79 2.75 0.00	57.25 2.91 0.00	65.32 3.75 0.00	69.21 4.95 0.00	99.43 8.40 0.00	98.60 7.92 0.00	97.90 6.87 0.00	66.01 4.32 0.00	72.41 3.73 0.00	51.60 2.26 0.00	49.73 2.33 0.00
NEG CAPITAL___MECHNVIL 23645	46.65 2.26 0.00	34.39 1.72 0.00	29.44 1.46 0.00	31.18 1.57 0.00	31.43 1.56 0.00	31.53 1.52 0.00	32.42 1.49 0.00	31.88 1.35 0.00	28.90 1.22 0.00	36.27 1.25 0.00	31.52 1.09 0.00	35.00 1.17 0.00	50.71 1.70 0.00	55.03 1.99 0.00	56.93 2.58 0.00	64.92 3.34 0.00	68.27 4.01 0.00	97.92 6.90 0.00	97.53 6.84 0.00	97.33 6.30 0.00	65.90 4.21 0.00	72.63 3.95 0.00	51.78 2.44 0.00	49.72 2.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.78 0.34 -0.06	32.57 -0.10 0.00	27.80 -0.18 0.00	29.27 -0.34 0.00	29.48 -0.39 0.00	29.67 -0.33 0.00	30.56 -0.37 0.00	30.07 -0.45 0.00	27.48 -0.19 0.00	35.18 0.15 0.00	30.62 0.19 0.00	34.15 0.32 0.00	49.55 0.54 0.00	53.69 0.62 -0.03	54.85 0.51 0.00	62.18 0.09 -0.52	65.74 0.33 -1.16	92.83 0.82 -0.98	93.94 1.39 -1.86	95.33 2.14 -2.15	63.77 0.84 -1.24	70.90 0.78 -1.44	50.62 0.40 -0.89	48.51 0.29 -0.83

NEG CENTRAL___DRP 24199	45.65 1.13 -0.13	33.17 0.50 0.00	28.30 0.32 0.00	29.87 0.26 0.00	30.10 0.23 0.00	30.30 0.29 0.00	31.18 0.25 0.00	30.60 0.08 0.00	27.87 0.20 0.00	35.42 0.39 0.00	30.84 0.41 0.00	34.33 0.50 0.00	49.90 0.89 0.00	54.06 0.95 -0.06	55.24 0.90 0.00	63.51 0.75 -1.19	68.08 1.17 -2.65	95.57 2.29 -2.25	97.70 2.76 -4.26	99.39 3.42 -4.94	66.59 2.06 -2.85	73.90 1.92 -3.31	52.48 1.10 -2.04	50.26 0.96 -1.90
NEG CENTRAL___INDECK 23768	47.41 3.02 0.00	34.20 1.53 0.00	29.06 1.08 0.00	30.53 0.91 0.00	30.76 0.89 0.00	31.04 1.04 0.00	31.96 1.03 0.00	31.21 0.69 0.00	28.20 0.52 0.00	36.10 1.08 0.00	31.37 0.94 0.00	34.91 1.08 0.00	50.63 1.62 0.00	54.09 1.05 0.00	54.46 0.12 0.00	61.04 -0.53 0.00	64.01 -0.25 0.00	91.18 0.16 0.00	91.99 1.30 0.00	94.66 3.63 0.00	64.17 2.49 0.00	71.29 2.61 0.00	50.85 1.51 0.00	48.51 1.11 0.00
NEG CENTRAL___SENECA 23627	45.97 1.51 -0.08	33.32 0.65 0.00	28.41 0.43 0.00	29.95 0.34 0.00	30.19 0.32 0.00	30.42 0.41 0.00	31.29 0.37 0.00	30.71 0.18 0.00	27.98 0.30 0.00	35.61 0.58 0.00	30.97 0.55 0.00	34.50 0.67 0.00	50.21 1.20 0.00	54.31 1.23 -0.03	55.47 1.13 0.00	63.12 0.85 -0.71	67.18 1.34 -1.58	95.00 2.64 -1.34	96.38 3.17 -2.53	97.96 3.99 -2.93	65.75 2.37 -1.69	72.88 2.24 -1.96	51.94 1.39 -1.21	49.75 1.22 -1.13
NEG CENTRAL___STATE_STREET 24147	45.40 0.85 -0.16	33.19 0.52 0.00	28.36 0.38 0.00	29.94 0.33 0.00	30.22 0.35 0.00	30.36 0.36 0.00	31.27 0.34 0.00	30.64 0.12 0.00	27.91 0.24 0.00	35.40 0.37 0.00	30.82 0.39 0.00	34.17 0.34 0.00	49.59 0.58 0.00	53.80 0.68 -0.07	55.00 0.65 0.00	63.87 0.84 -1.46	68.55 1.04 -3.25	95.97 2.18 -2.76	98.54 2.63 -5.23	100.25 3.17 -6.05	67.29 2.12 -3.49	74.84 2.10 -4.05	52.85 1.01 -2.50	50.55 0.82 -2.33
NEG MILLWOOD___DRP 24198	47.24 2.85 0.00	34.80 2.14 0.00	29.76 1.78 0.00	31.48 1.87 0.00	31.62 1.75 0.00	31.73 1.72 0.00	32.56 1.63 0.00	32.01 1.49 0.00	29.24 1.57 0.00	36.82 1.79 0.00	32.17 1.74 0.00	35.76 1.93 0.00	51.78 2.77 0.00	56.00 2.95 0.00	57.47 3.12 0.00	65.58 4.00 0.00	69.51 5.26 0.00	99.86 8.83 0.00	99.00 8.31 0.00	98.24 7.21 0.00	66.21 4.53 0.00	72.58 3.90 0.00	51.73 2.39 0.00	49.84 2.44 0.00
NEG NORTH_FLCN_SEA 23793	43.68 -0.70 0.00	32.27 -0.40 0.00	27.68 -0.30 0.00	29.17 -0.44 0.00	29.55 -0.32 0.00	29.71 -0.29 0.00	30.81 -0.11 0.00	30.49 -0.03 0.00	27.66 -0.01 0.00	34.96 -0.07 0.00	30.08 -0.35 0.00	33.47 -0.36 0.00	48.52 -0.49 0.00	52.25 -0.79 0.00	52.55 -1.80 0.00	59.02 -2.55 0.00	60.88 -3.38 0.00	85.26 -5.77 0.00	85.45 -5.23 0.00	87.26 -3.77 0.00	55.64 -2.22 3.83	35.25 -1.91 31.52	48.35 -0.99 0.00	46.65 -0.76 0.00
NEG NORTH_KES_CHATEGAY 23792	43.17 -1.21 0.00	31.93 -0.74 0.00	27.39 -0.60 0.00	28.85 -0.77 0.00	29.22 -0.65 0.00	29.41 -0.59 0.00	30.49 -0.44 0.00	30.17 -0.36 0.00	27.40 -0.28 0.00	34.72 -0.31 0.00	29.90 -0.53 0.00	33.36 -0.47 0.00	48.40 -0.61 0.00	52.23 -0.82 0.00	52.98 -1.36 0.00	59.60 -1.98 0.00	61.43 -2.83 0.00	85.92 -5.10 0.00	86.38 -4.30 0.00	89.49 -2.85 -1.30	58.83 -1.55 1.31	20.30 -1.04 47.35	48.93 -0.41 0.00	46.98 -0.42 0.00
NEG NORTH___ALICE_FALLS 23915	43.81 -0.57 0.00	32.35 -0.31 0.00	27.74 -0.24 0.00	29.22 -0.39 0.00	29.59 -0.27 0.00	29.77 -0.24 0.00	30.84 -0.09 0.00	30.54 0.01 0.00	27.74 0.07 0.00	35.07 0.05 0.00	30.19 -0.24 0.00	33.66 -0.17 0.00	48.83 -0.18 0.00	52.75 -0.29 0.00	53.20 -1.14 0.00	59.89 -1.68 0.00	61.63 -2.63 0.00	86.42 -4.61 0.00	86.75 -3.94 0.00	88.90 -2.13 0.00	56.31 -1.20 4.17	33.62 -0.74 34.31	49.18 -0.16 0.00	47.29 -0.11 0.00
NEG NORTH___LWR_SARANAC 23913	43.81 -0.57 0.00	32.35 -0.31 0.00	27.74 -0.24 0.00	29.22 -0.39 0.00	29.59 -0.27 0.00	29.77 -0.24 0.00	30.84 -0.09 0.00	30.54 0.01 0.00	27.74 0.07 0.00	35.07 0.05 0.00	30.19 -0.24 0.00	33.66 -0.17 0.00	48.83 -0.18 0.00	52.75 -0.29 0.00	53.20 -1.14 0.00	59.89 -1.68 0.00	61.63 -2.63 0.00	86.42 -4.61 0.00	86.75 -3.94 0.00	88.90 -2.13 0.00	56.31 -1.20 4.17	33.62 -0.74 34.31	49.18 -0.16 0.00	47.29 -0.11 0.00
NEG NORTH___PLATTSBURG 23628	43.81 -0.57 0.00	32.35 -0.31 0.00	27.74 -0.24 0.00	29.22 -0.39 0.00	29.59 -0.27 0.00	29.77 -0.24 0.00	30.84 -0.09 0.00	30.54 0.01 0.00	27.74 0.07 0.00	35.07 0.05 0.00	30.19 -0.24 0.00	33.66 -0.17 0.00	48.83 -0.18 0.00	52.76 -0.29 0.00	53.20 -1.14 0.00	59.90 -1.68 0.00	61.63 -2.63 0.00	86.42 -4.61 0.00	86.75 -3.94 0.00	88.90 -2.13 0.00	56.30 -1.21 4.17	33.62 -0.74 34.31	49.18 -0.16 0.00	47.29 -0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	45.21 0.83 0.00	32.73 0.06 0.00	27.90 -0.09 0.00	29.26 -0.35 0.00	29.48 -0.39 0.00	29.75 -0.26 0.00	30.63 -0.30 0.00	30.06 -0.46 0.00	27.54 -0.14 0.00	35.44 0.42 0.00	30.69 0.26 0.00	34.10 0.27 0.00	49.23 0.22 0.00	53.03 -0.01 0.00	54.00 -0.34 0.00	59.80 -1.77 0.00	62.40 -1.87 0.00	88.40 -2.63 0.00	89.18 -1.50 0.00	90.72 -0.31 0.00	60.64 -1.04 0.00	67.66 -1.02 0.00	48.97 -0.37 0.00	47.19 -0.21 0.00
NEG WEST___LANCASTR 23811	44.95 0.56 0.00	32.50 -0.17 0.00	27.70 -0.28 0.00	29.12 -0.49 0.00	29.35 -0.52 0.00	29.63 -0.37 0.00	30.48 -0.44 0.00	29.91 -0.61 0.00	27.44 -0.23 0.00	35.28 0.25 0.00	30.62 0.19 0.00	34.08 0.25 0.00	49.44 0.43 0.00	53.40 0.35 0.00	54.28 -0.06 0.00	60.49 -1.09 0.00	63.28 -0.98 0.00	90.17 -0.85 0.00	90.82 0.14 0.00	91.68 0.65 0.00	61.27 -0.41 0.00	68.17 -0.51 0.00	49.07 -0.27 0.00	47.18 -0.22 0.00
NEG_PENN_ALLEGHNY 23528	45.25 0.87 0.00	33.04 0.37 0.00	28.26 0.28 0.00	29.87 0.26 0.00	30.14 0.27 0.00	30.34 0.34 0.00	31.18 0.25 0.00	30.61 0.09 0.00	27.85 0.18 0.00	35.33 0.31 0.00	30.77 0.34 0.00	34.24 0.41 0.00	49.71 0.70 0.00	53.82 0.78 0.00	55.03 0.69 0.00	62.25 0.68 0.00	65.48 1.22 0.00	94.47 3.44 0.00	94.02 3.34 0.00	94.39 3.35 0.00	63.48 1.79 0.00	70.24 1.57 0.00	50.13 0.79 0.00	48.15 0.74 0.00
NEG___GEN_MONROE 24207	46.08 1.69 0.00	33.49 0.83 0.00	28.56 0.58 0.00	30.03 0.42 0.00	30.23 0.36 0.00	30.46 0.45 0.00	31.37 0.44 0.00	30.82 0.30 0.00	28.15 0.48 0.00	36.10 1.07 0.00	31.39 0.96 0.00	35.01 1.18 0.00	50.84 1.83 0.00	55.04 1.99 0.00	56.17 1.82 0.00	62.90 1.33 0.00	65.78 1.53 0.00	93.54 2.51 0.00	94.06 3.38 0.00	95.51 4.48 0.00	76.47 2.39 -12.39	71.25 2.57 0.00	51.10 1.77 0.00	48.99 1.59 0.00
NEPA___ENERGY 23901	45.25 0.87 0.00	32.57 -0.10 0.00	27.77 -0.21 0.00	29.26 -0.35 0.00	29.52 -0.34 0.00	29.86 -0.14 0.00	30.61 -0.32 0.00	29.93 -0.60 0.00	27.52 -0.15 0.00	35.35 0.32 0.00	30.76 0.33 0.00	34.25 0.43 0.00	49.82 0.81 0.00	53.88 0.84 0.00	54.71 0.37 0.00	61.19 -0.39 0.00	64.00 -0.26 0.00	91.79 0.77 0.00	91.70 1.02 0.00	92.28 1.25 0.00	61.52 -0.17 0.00	68.19 -0.48 0.00	48.94 -0.40 0.00	47.17 -0.23 0.00

NEVERSINK___HYD 23608	46.14 1.76 0.00	33.93 1.26 0.00	28.99 1.01 0.00	30.65 1.03 0.00	30.77 0.91 0.00	30.89 0.89 0.00	31.71 0.78 0.00	31.17 0.65 0.00	28.42 0.75 0.00	35.82 0.79 0.00	31.30 0.87 0.00	34.80 0.97 0.00	50.38 1.37 0.00	54.60 1.55 0.00	56.03 1.68 0.00	63.85 2.28 0.00	67.67 3.41 0.00	97.22 6.19 0.00	96.69 6.01 0.00	96.24 5.21 0.00	64.87 3.19 0.00	71.21 2.53 0.00	50.74 1.40 0.00	48.79 1.39 0.00
NEWKRMKL_115KV_TB1 55635	45.04 0.66 0.00	33.45 0.78 0.00	28.81 0.83 0.00	30.54 0.93 0.00	30.77 0.91 0.00	30.88 0.87 0.00	31.72 0.79 0.00	31.18 0.65 0.00	28.26 0.59 0.00	35.41 0.38 0.00	30.57 0.14 0.00	33.90 0.07 0.00	49.03 0.03 0.00	53.05 0.00 0.00	54.67 0.33 0.00	62.25 0.68 0.00	65.46 1.20 0.00	93.79 2.76 0.00	93.19 2.51 0.00	92.81 1.78 0.00	62.86 1.18 0.00	69.38 0.70 0.00	49.53 0.19 0.00	47.67 0.27 0.00
NEWTON___FALLS_HYD 23847	44.66 0.20 -0.08	32.77 0.10 0.00	27.96 -0.02 0.00	29.56 -0.05 0.00	29.78 -0.08 0.00	29.94 -0.06 0.00	30.90 -0.03 0.00	30.48 -0.04 0.00	27.76 0.09 0.00	35.28 0.26 0.00	30.63 0.20 0.00	33.93 0.10 0.00	49.15 0.14 0.00	53.16 0.08 -0.03	54.19 -0.15 0.00	62.21 -0.07 -0.71	65.80 -0.04 -1.58	91.27 -1.10 -1.34	93.47 0.25 -2.54	106.25 2.55 -12.67	114.67 2.38 -50.60	204.06 3.46 -131.93	52.09 1.53 -1.22	49.15 0.62 -1.13
NGRID_A1_DSASP 323792	44.24 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.86 -0.75 0.00	29.07 -0.80 0.00	29.32 -0.68 0.00	30.19 -0.74 0.00	29.50 -1.02 0.00	27.03 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.26 0.00	48.45 -0.56 0.00	52.23 -0.82 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.32 -2.95 0.00	86.82 -4.21 0.00	87.58 -3.11 0.00	89.07 -1.97 0.00	59.49 -2.19 0.00	66.41 -2.27 0.00	48.16 -1.18 0.00	46.79 -0.61 0.00
NGRID_A2_DSASP 323793	44.24 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.86 -0.75 0.00	29.07 -0.80 0.00	29.32 -0.68 0.00	30.19 -0.74 0.00	29.50 -1.02 0.00	27.03 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.26 0.00	48.45 -0.56 0.00	52.23 -0.82 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.32 -2.95 0.00	86.82 -4.21 0.00	87.58 -3.11 0.00	89.07 -1.97 0.00	59.49 -2.19 0.00	66.41 -2.27 0.00	48.16 -1.18 0.00	46.79 -0.61 0.00
NGRID_A4_DSASP 323807	44.24 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.86 -0.75 0.00	29.07 -0.80 0.00	29.32 -0.68 0.00	30.19 -0.74 0.00	29.50 -1.02 0.00	27.03 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.26 0.00	48.45 -0.56 0.00	52.23 -0.82 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.32 -2.95 0.00	86.82 -4.21 0.00	87.58 -3.11 0.00	89.07 -1.97 0.00	59.49 -2.19 0.00	66.41 -2.27 0.00	48.16 -1.18 0.00	46.79 -0.61 0.00
NIAGARA_115E_LBMP 323715	44.74 0.36 0.00	32.38 -0.29 0.00	27.59 -0.39 0.00	28.94 -0.67 0.00	29.16 -0.71 0.00	29.43 -0.57 0.00	30.25 -0.68 0.00	29.72 -0.80 0.00	27.24 -0.44 0.00	35.05 0.03 0.00	30.36 -0.06 0.00	33.81 -0.02 0.00	48.81 -0.20 0.00	52.59 -0.45 0.00	53.56 -0.78 0.00	59.24 -2.33 0.00	61.79 -2.46 0.00	87.41 -3.62 0.00	88.08 -2.60 0.00	89.57 -1.46 0.00	59.85 -1.84 0.00	66.77 -1.91 0.00	48.41 -0.93 0.00	46.76 -0.64 0.00
NIAGARA_115W_LBMP 323714	44.13 -0.26 0.00	32.09 -0.58 0.00	27.46 -0.52 0.00	28.81 -0.80 0.00	29.02 -0.86 0.00	29.26 -0.74 0.00	30.12 -0.81 0.00	29.42 -1.10 0.00	26.95 -0.72 0.00	34.68 -0.35 0.00	30.04 -0.39 0.00	33.48 -0.35 0.00	48.31 -0.70 0.00	52.07 -0.97 0.00	53.01 -1.33 0.00	58.64 -2.93 0.00	61.15 -3.11 0.00	86.58 -4.45 0.00	87.34 -3.35 0.00	88.83 -2.20 0.00	59.33 -2.36 0.00	66.22 -2.46 0.00	48.04 -1.30 0.00	46.68 -0.72 0.00
NIAGARA_230_LBMP 323716	44.56 0.17 0.00	32.34 -0.33 0.00	27.61 -0.37 0.00	28.97 -0.64 0.00	29.19 -0.68 0.00	29.45 -0.55 0.00	30.33 -0.60 0.00	29.76 -0.77 0.00	27.29 -0.38 0.00	35.11 0.09 0.00	30.42 -0.01 0.00	33.85 0.02 0.00	48.90 -0.11 0.00	52.75 -0.30 0.00	53.67 -0.67 0.00	59.47 -2.10 0.00	62.04 -2.22 0.00	87.96 -3.07 0.00	88.53 -2.16 0.00	89.98 -1.06 0.00	60.11 -1.58 0.00	67.14 -1.54 0.00	48.59 -0.75 0.00	46.95 -0.45 0.00
NIAGARA___115KV_198_GIBSON 55903	44.12 -0.27 0.00	32.08 -0.58 0.00	27.47 -0.52 0.00	28.82 -0.79 0.00	29.01 -0.86 0.00	29.27 -0.73 0.00	30.16 -0.77 0.00	29.46 -1.07 0.00	26.95 -0.72 0.00	34.68 -0.35 0.00	30.04 -0.39 0.00	33.48 -0.35 0.00	48.31 -0.70 0.00	52.08 -0.97 0.00	53.01 -1.33 0.00	58.64 -2.93 0.00	61.15 -3.11 0.00	86.55 -4.48 0.00	87.34 -3.35 0.00	88.85 -2.19 0.00	59.31 -2.37 0.00	66.22 -2.46 0.00	48.07 -1.28 0.00	46.67 -0.73 0.00
NIAGARA____ 23760	44.56 0.17 0.00	32.34 -0.33 0.00	27.61 -0.37 0.00	28.97 -0.64 0.00	29.19 -0.68 0.00	29.45 -0.55 0.00	30.33 -0.60 0.00	29.76 -0.77 0.00	27.29 -0.38 0.00	35.11 0.09 0.00	30.42 -0.01 0.00	33.85 0.02 0.00	48.90 -0.11 0.00	52.75 -0.30 0.00	53.67 -0.67 0.00	59.47 -2.10 0.00	62.04 -2.22 0.00	87.96 -3.07 0.00	88.53 -2.16 0.00	89.98 -1.06 0.00	60.11 -1.58 0.00	67.14 -1.54 0.00	48.59 -0.75 0.00	46.95 -0.45 0.00
NINE_MILE_1 23575	41.40 -0.98 2.01	31.87 -0.80 0.00	27.28 -0.70 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.79 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.11 -0.92 0.00	29.68 -0.75 0.00	33.00 -0.82 0.00	47.83 -1.18 0.00	50.92 -1.25 0.88	53.04 -1.30 0.00	42.17 -1.51 17.89	23.04 -1.38 39.83	55.64 -1.60 33.78	25.22 -1.47 64.00	15.60 -1.31 74.12	17.90 -1.04 42.74	17.70 -1.33 49.65	17.62 -1.13 30.59	17.79 -1.10 28.51
NINE_MILE_2 23744	41.38 -0.98 2.03	31.87 -0.80 0.00	27.28 -0.70 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.78 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.12 -0.91 0.00	29.68 -0.75 0.00	33.00 -0.82 0.00	47.84 -1.17 0.00	50.91 -1.25 0.88	53.04 -1.30 0.00	42.01 -1.51 18.05	22.68 -1.38 40.20	55.33 -1.60 34.09	24.63 -1.47 64.58	14.92 -1.31 74.80	17.51 -1.04 43.13	17.25 -1.33 50.10	17.35 -1.12 30.87	17.53 -1.10 28.77
NM_CAPITAL___DRP 24208	45.09 0.71 0.00	33.47 0.80 0.00	28.80 0.82 0.00	30.55 0.93 0.00	30.77 0.91 0.00	30.87 0.87 0.00	31.72 0.79 0.00	31.16 0.64 0.00	28.25 0.58 0.00	35.40 0.37 0.00	30.60 0.17 0.00	33.92 0.10 0.00	49.06 0.05 0.00	53.06 0.02 0.00	54.71 0.36 0.00	62.29 0.71 0.00	65.52 1.26 0.00	93.88 2.86 0.00	93.25 2.57 0.00	92.81 1.78 0.00	62.90 1.22 0.00	69.40 0.72 0.00	49.56 0.22 0.00	47.71 0.31 0.00
NM_CENTRAL___DRP 24181	44.60 0.15 -0.06	32.64 -0.02 0.00	27.91 -0.08 0.00	29.51 -0.10 0.00	29.73 -0.14 0.00	29.88 -0.12 0.00	30.75 -0.18 0.00	30.27 -0.26 0.00	27.50 -0.18 0.00	34.91 -0.12 0.00	30.40 -0.03 0.00	33.84 0.01 0.00	49.12 0.11 0.00	53.23 0.16 -0.03	54.48 0.13 0.00	62.30 0.16 -0.56	66.02 0.51 -1.25	93.37 1.29 -1.06	94.18 1.49 -2.01	94.93 1.57 -2.33	64.42 0.78 -1.95	75.85 0.58 -6.59	50.45 0.15 -0.96	48.40 0.11 -0.90

NM_FRONTIER___DRP 24179	44.12 -0.27 0.00	32.08 -0.58 0.00	27.47 -0.52 0.00	28.82 -0.79 0.00	29.01 -0.86 0.00	29.27 -0.73 0.00	30.16 -0.77 0.00	29.46 -1.07 0.00	26.95 -0.72 0.00	34.68 -0.35 0.00	30.04 -0.39 0.00	33.48 -0.35 0.00	48.31 -0.70 0.00	52.08 -0.97 0.00	53.01 -1.33 0.00	58.64 -2.93 0.00	61.15 -3.11 0.00	86.55 -4.48 0.00	87.34 -3.35 0.00	88.85 -2.19 0.00	59.31 -2.37 0.00	66.22 -2.46 0.00	48.07 -1.28 0.00	46.67 -0.73 0.00
NM_ST_REGIS___HYD 24053	44.22 -0.17 0.00	32.59 -0.08 0.00	27.89 -0.10 0.00	29.42 -0.19 0.00	29.72 -0.15 0.00	29.89 -0.11 0.00	30.95 0.02 0.00	30.68 0.15 0.00	27.87 0.20 0.00	35.35 0.33 0.00	30.59 0.17 0.00	34.05 0.22 0.00	49.33 0.32 0.00	53.27 0.22 0.00	54.21 -0.13 0.00	61.11 -0.46 0.00	63.01 -1.25 0.00	87.53 -3.49 0.00	87.91 -2.77 0.00	102.68 -0.71 -12.36	130.48 0.19 -68.61	288.37 1.26 -218.43	50.35 1.00 -0.01	48.04 0.64 0.00
NORTHPORT___1 23551	47.51 3.12 0.00	34.91 2.24 0.00	29.75 1.77 0.00	31.41 1.80 0.00	31.37 1.50 0.00	31.46 1.46 0.00	32.17 1.24 0.00	31.51 0.98 0.00	28.94 1.26 0.00	36.31 1.28 0.00	31.18 0.75 0.00	11.43 0.78 23.18	11.51 1.25 38.75	39.51 1.42 14.95	55.87 1.52 0.00	63.95 2.37 0.00	68.11 3.86 0.00	87.13 6.69 10.58	84.94 5.83 11.57	92.54 4.05 2.55	64.12 2.43 0.00	69.63 1.66 0.71	48.24 0.92 2.03	48.88 1.48 0.00
NORTHPORT___2 23552	47.51 3.12 0.00	34.91 2.24 0.00	29.75 1.77 0.00	31.41 1.80 0.00	31.37 1.50 0.00	31.46 1.46 0.00	32.17 1.24 0.00	31.51 0.98 0.00	28.94 1.26 0.00	36.31 1.28 0.00	31.18 0.75 0.00	11.43 0.78 23.18	11.51 1.25 38.75	39.51 1.42 14.95	55.87 1.52 0.00	63.95 2.37 0.00	68.11 3.86 0.00	87.13 6.69 10.58	84.94 5.83 11.57	92.54 4.05 2.55	64.12 2.43 0.00	69.63 1.66 0.71	48.24 0.92 2.03	48.88 1.48 0.00
NORTHPORT___3 23553	47.28 2.90 0.00	34.75 2.08 0.00	29.60 1.62 0.00	31.26 1.64 0.00	31.23 1.36 0.00	31.31 1.31 0.00	32.02 1.09 0.00	31.34 0.82 0.00	28.76 1.09 0.00	36.14 1.11 0.00	31.01 0.59 0.00	11.26 0.62 23.19	11.29 1.04 38.76	39.24 1.16 14.96	55.60 1.26 0.01	63.60 2.04 0.01	67.66 3.40 0.00	86.89 6.49 10.63	84.48 5.38 11.58	92.06 3.57 2.55	63.76 2.08 0.00	69.21 1.23 0.70	47.88 0.60 2.06	48.63 1.23 0.00
NORTHPORT___4 23650	47.28 2.90 0.00	34.75 2.08 0.00	29.60 1.62 0.00	31.26 1.64 0.00	31.23 1.36 0.00	31.31 1.31 0.00	32.02 1.09 0.00	31.34 0.82 0.00	28.76 1.09 0.00	36.14 1.11 0.00	31.01 0.59 0.00	11.26 0.62 23.19	11.29 1.04 38.76	39.24 1.16 14.96	55.60 1.26 0.01	63.60 2.04 0.01	67.66 3.40 0.00	86.89 6.49 10.63	84.48 5.38 11.58	92.06 3.57 2.55	63.76 2.08 0.00	69.21 1.23 0.70	47.88 0.60 2.06	48.63 1.23 0.00
NORTHPORT___IC 23718	47.51 3.12 0.00	34.91 2.25 0.00	29.75 1.77 0.00	31.41 1.80 0.00	31.37 1.50 0.00	31.46 1.45 0.00	32.17 1.24 0.00	31.50 0.98 0.00	28.94 1.26 0.00	36.31 1.28 0.00	31.18 0.75 0.00	11.43 0.78 23.18	11.51 1.25 38.75	39.50 1.41 14.95	55.87 1.52 0.00	63.95 2.37 0.00	68.11 3.86 0.00	87.21 6.77 10.58	84.94 5.83 11.57	92.54 4.05 2.55	64.12 2.43 0.00	69.63 1.66 0.71	48.22 0.91 2.03	48.88 1.48 0.00
NORTH___COUNTRY_ESR 323785	43.05 -1.34 0.00	31.83 -0.84 0.00	27.30 -0.68 0.00	28.78 -0.84 0.00	29.16 -0.71 0.00	29.34 -0.67 0.00	30.42 -0.51 0.00	30.16 -0.36 0.00	27.37 -0.31 0.00	34.71 -0.31 0.00	29.89 -0.54 0.00	33.35 -0.48 0.00	48.39 -0.62 0.00	52.21 -0.83 0.00	52.97 -1.37 0.00	59.59 -1.98 0.00	61.41 -2.85 0.00	85.90 -5.13 0.00	86.22 -4.46 0.00	89.31 -3.06 -1.33	58.68 -1.74 1.26	19.70 -1.28 47.70	48.78 -0.56 0.00	46.84 -0.57 0.00
NPX_GEN_1385_PROXY 323591	47.03 2.65 0.00	34.68 2.02 0.00	29.64 1.66 0.00	31.40 1.78 0.00	31.35 1.48 0.00	29.57 1.44 1.88	32.09 1.16 0.00	31.41 0.89 0.00	24.08 1.34 4.93	36.05 1.02 0.00	30.77 0.34 0.00	11.09 0.45 23.18	10.98 1.01 39.04	39.45 1.35 14.95	53.36 1.73 2.72	64.38 2.81 0.00	75.52 5.05 -6.22	95.21 8.39 4.20	86.14 7.27 11.81	92.92 4.44 2.55	64.38 2.99 0.30	68.39 1.66 1.96	48.36 1.04 2.03	48.85 1.33 -0.12
NPX_GEN_CSC 323557	47.84 3.46 0.00	35.07 2.40 0.00	29.84 1.86 0.00	31.47 1.86 0.00	31.40 1.54 0.00	29.59 1.47 1.88	32.20 1.27 0.00	31.59 1.07 0.00	24.19 1.44 4.93	36.63 1.61 0.00	31.57 1.14 0.00	33.71 1.39 1.51	48.42 2.22 2.82	54.56 2.49 0.98	54.21 2.58 2.72	65.20 3.62 0.00	69.45 5.19 0.00	210.30 8.89 -110.38	229.06 7.83 -130.55	126.24 6.13 -29.08	65.02 3.63 0.30	70.42 3.04 1.29	49.34 1.80 1.79	49.68 2.16 -0.12
NSINS_S_GLNS_FALLS 23858	46.95 2.57 0.00	34.57 1.91 0.00	29.57 1.59 0.00	31.27 1.65 0.00	31.52 1.64 0.00	31.62 1.61 0.00	32.54 1.61 0.00	32.00 1.48 0.00	29.04 1.37 0.00	36.39 1.36 0.00	31.52 1.09 0.00	34.98 1.15 0.00	50.68 1.67 0.00	55.04 2.00 0.00	57.00 2.65 0.00	65.21 3.64 0.00	68.66 4.40 0.00	98.57 7.54 0.00	98.36 7.67 0.00	98.24 7.21 0.00	66.53 4.85 0.00	73.27 4.59 0.00	52.16 2.82 0.00	50.04 2.63 0.00
NUCOR_STEEL___DRP 24197	45.31 0.75 -0.18	33.15 0.48 0.00	28.33 0.35 0.00	29.91 0.30 0.00	30.19 0.32 0.00	30.33 0.32 0.00	31.24 0.31 0.00	30.61 0.08 0.00	27.89 0.21 0.00	35.36 0.33 0.00	30.79 0.36 0.00	34.11 0.28 0.00	49.50 0.49 0.00	53.71 0.59 -0.08	54.91 0.56 0.00	63.93 0.78 -1.58	68.73 0.96 -3.51	96.04 2.03 -2.98	98.71 2.39 -5.64	100.39 2.82 -6.53	67.33 1.88 -3.77	74.90 1.84 -4.38	52.88 0.85 -2.70	50.62 0.71 -2.51
NUMBER_THREE_WT_PWR 323818	44.78 0.31 -0.09	32.80 0.13 0.00	27.93 -0.06 0.00	29.58 -0.03 0.00	29.72 -0.15 0.00	29.89 -0.12 0.00	30.80 -0.13 0.00	30.38 -0.14 0.00	27.72 0.04 0.00	35.30 0.27 0.00	30.65 0.22 0.00	33.89 0.06 0.00	49.16 0.15 0.00	53.24 0.16 -0.04	54.32 -0.02 0.00	62.77 0.39 -0.81	67.13 1.07 -1.80	93.73 1.18 -1.52	96.56 2.99 -2.89	104.00 5.41 -7.55	89.02 4.26 -23.08	132.18 5.05 -58.44	52.41 1.69 -1.38	48.99 0.30 -1.29
NYISO_LBMP_REFERENCE 24008	44.39 0.00 0.00	32.67 0.00 0.00	27.98 0.00 0.00	29.61 0.00 0.00	29.87 0.00 0.00	30.01 0.00 0.00	30.93 0.00 0.00	30.52 0.00 0.00	27.67 0.00 0.00	35.03 0.00 0.00	30.43 0.00 0.00	33.83 0.00 0.00	49.01 0.00 0.00	53.04 0.00 0.00	54.34 0.00 0.00	61.57 0.00 0.00	64.26 0.00 0.00	91.03 0.00 0.00	90.68 0.00 0.00	91.03 0.00 0.00	61.68 0.00 0.00	68.68 0.00 0.00	49.34 0.00 0.00	47.40 0.00 0.00
NYPA_BRENTWD____GT 24164	48.28 3.89 0.00	35.43 2.76 0.00	30.17 2.19 0.00	31.83 2.22 0.00	31.78 1.91 0.00	31.87 1.87 0.00	32.61 1.68 0.00	31.97 1.45 0.00	29.38 1.71 0.00	36.91 1.89 0.00	31.82 1.39 0.00	33.47 1.57 1.93	48.22 2.43 3.22	54.50 2.70 1.24	57.14 2.80 0.00	65.14 3.57 0.00	69.42 5.16 0.00	122.32 8.78 -22.52	125.68 7.74 -27.26	102.84 5.80 -6.01	65.35 3.66 0.00	71.80 3.19 0.06	49.95 2.12 1.51	49.95 2.55 0.00

NYPA_GOWANUS____GT5 24156	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.39 3.17 0.35	68.71 4.45 0.01	98.67 7.65 0.01	97.71 7.03 0.01	96.89 5.86 0.01	65.45 3.77 0.01	71.66 2.99 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NYPA_GOWANUS____GT6 24157	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.64 1.71 0.00	32.07 1.54 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.30 1.87 0.00	35.80 1.97 0.00	51.56 2.55 0.00	55.60 2.56 0.00	56.73 2.50 0.12	64.39 3.17 0.35	68.71 4.45 0.01	98.67 7.65 0.01	97.71 7.03 0.01	96.89 5.86 0.01	65.45 3.77 0.01	71.66 2.99 0.01	51.29 1.96 0.00	49.59 2.20 0.00
NYPA_HARLEM__RVR__GT1 24160	47.24 2.85 0.00	34.98 2.31 0.00	29.87 1.89 0.00	31.68 2.06 0.00	31.78 1.91 0.00	31.93 1.92 0.00	32.72 1.79 0.00	32.13 1.60 0.00	29.46 1.79 0.00	36.89 1.86 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.59 2.55 0.00	56.70 2.35 0.00	64.63 3.04 -0.01	68.62 4.36 -0.01	98.49 7.46 -0.01	97.57 6.88 -0.01	96.83 5.79 -0.01	65.41 3.72 -0.01	71.62 2.94 0.00	51.21 1.87 0.00	49.57 2.17 0.00
NYPA_HARLEM__RVR__GT2 24161	47.24 2.85 0.00	34.98 2.31 0.00	29.87 1.89 0.00	31.68 2.06 0.00	31.78 1.91 0.00	31.93 1.92 0.00	32.72 1.79 0.00	32.13 1.60 0.00	29.46 1.79 0.00	36.89 1.86 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.59 2.55 0.00	56.70 2.35 0.00	64.63 3.04 -0.01	68.62 4.36 -0.01	98.49 7.46 -0.01	97.57 6.88 -0.01	96.83 5.79 -0.01	65.41 3.72 -0.01	71.62 2.94 0.00	51.21 1.87 0.00	49.57 2.17 0.00
NYPA_KENT____GT 24152	47.22 2.84 0.00	34.93 2.26 0.00	29.87 1.90 0.00	31.61 1.99 0.00	31.69 1.82 0.00	31.83 1.83 0.00	32.64 1.71 0.00	32.07 1.55 0.00	29.39 1.72 0.00	36.88 1.86 0.00	32.29 1.86 0.00	35.79 1.96 0.00	51.54 2.53 0.00	55.53 2.49 0.00	56.39 2.39 0.34	63.77 3.03 0.83	68.43 4.36 0.19	86.48 7.45 12.00	94.05 6.83 3.47	96.41 5.66 0.28	65.32 3.63 0.01	71.42 2.84 0.10	51.16 1.85 0.03	49.51 2.11 0.00
NYPA_POUCHI____GT 24155	47.24 2.86 0.00	34.90 2.23 0.00	29.83 1.85 0.00	31.57 1.96 0.00	31.63 1.77 0.00	31.79 1.78 0.00	32.58 1.65 0.00	32.00 1.47 0.00	29.32 1.65 0.00	36.79 1.77 0.00	32.20 1.77 0.00	35.69 1.86 0.00	51.38 2.37 0.00	55.40 2.36 0.00	56.54 2.31 0.12	64.21 2.99 0.35	68.55 4.29 0.01	98.43 7.42 0.01	97.49 6.82 0.01	96.79 5.76 0.01	65.42 3.74 0.01	71.65 2.98 0.01	51.25 1.91 0.00	49.54 2.14 0.00
NYPA_VERNON____GT2 24162	47.15 2.76 0.00	34.90 2.23 0.00	29.86 1.88 0.00	31.60 1.99 0.00	31.69 1.82 0.00	31.83 1.82 0.00	32.63 1.70 0.00	32.08 1.55 0.00	29.39 1.71 0.00	36.87 1.84 0.00	32.29 1.86 0.00	35.78 1.95 0.00	51.51 2.50 0.00	55.46 2.42 0.00	56.05 2.26 0.56	63.17 2.91 1.31	68.12 4.24 0.38	74.32 7.28 23.98	90.45 6.70 6.93	96.03 5.54 0.55	65.22 3.53 0.01	71.21 2.73 0.20	51.03 1.75 0.05	49.42 2.02 0.00
NYPA_VERNON____GT3 24163	47.15 2.76 0.00	34.90 2.23 0.00	29.86 1.88 0.00	31.60 1.99 0.00	31.69 1.82 0.00	31.83 1.82 0.00	32.63 1.70 0.00	32.08 1.55 0.00	29.39 1.71 0.00	36.87 1.84 0.00	32.29 1.86 0.00	35.78 1.95 0.00	51.51 2.50 0.00	55.46 2.42 0.00	56.05 2.26 0.56	63.17 2.91 1.31	68.12 4.24 0.38	74.32 7.28 23.98	90.45 6.70 6.93	96.03 5.54 0.55	65.22 3.53 0.01	71.21 2.73 0.20	51.03 1.75 0.05	49.42 2.02 0.00
NYPA__ASTORIA_CC1 323568	47.07 2.68 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.82 1.81 0.00	32.62 1.69 0.00	32.06 1.53 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.74 1.92 0.00	51.42 2.41 0.00	55.36 2.31 0.00	55.84 2.15 0.65	62.83 2.77 1.52	67.88 4.08 0.45	69.03 7.08 29.08	88.77 6.49 8.41	95.70 5.34 0.67	65.10 3.42 0.01	71.03 2.59 0.24	50.91 1.64 0.07	49.34 1.94 0.00
NYPA__ASTORIA_CC2 323569	47.07 2.68 0.00	34.87 2.20 0.00	29.84 1.86 0.00	31.59 1.98 0.00	31.68 1.81 0.00	31.82 1.81 0.00	32.62 1.69 0.00	32.06 1.53 0.00	29.38 1.71 0.00	36.83 1.80 0.00	32.27 1.84 0.00	35.74 1.92 0.00	51.42 2.41 0.00	55.36 2.31 0.00	55.84 2.15 0.65	62.83 2.77 1.52	67.88 4.08 0.45	69.03 7.08 29.08	88.77 6.49 8.41	95.70 5.34 0.67	65.10 3.42 0.01	71.03 2.59 0.24	50.91 1.64 0.07	49.34 1.94 0.00
NYPA__HOLTSVILL 23794	48.01 3.63 0.00	35.24 2.58 0.00	30.02 2.03 0.00	31.66 2.05 0.00	31.61 1.75 0.00	31.70 1.69 0.00	32.43 1.50 0.00	31.80 1.28 0.00	29.26 1.58 0.00	36.76 1.74 0.00	31.66 1.23 0.00	33.82 1.42 1.43	48.82 2.20 2.40	54.54 2.42 0.92	56.82 2.48 0.00	65.02 3.44 0.00	69.19 4.93 0.00	207.83 8.42 -108.39	226.57 7.42 -128.46	125.31 5.70 -28.58	65.13 3.44 0.00	71.50 2.87 0.05	49.28 1.75 1.81	49.60 2.20 0.00
NYPA____HELLGATE_GT1 24158	47.24 2.85 0.00	34.98 2.31 0.00	29.87 1.89 0.00	31.68 2.06 0.00	31.78 1.91 0.00	31.93 1.92 0.00	32.72 1.79 0.00	32.13 1.60 0.00	29.46 1.79 0.00	36.89 1.86 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.59 2.55 0.00	56.70 2.35 0.00	64.63 3.04 -0.01	68.62 4.36 -0.01	98.49 7.46 -0.01	97.57 6.88 -0.01	96.83 5.79 -0.01	65.41 3.72 -0.01	71.62 2.94 0.00	51.21 1.87 0.00	49.54 2.14 0.00
NYPA____HELLGATE_GT2 24159	47.24 2.85 0.00	34.98 2.31 0.00	29.87 1.89 0.00	31.68 2.06 0.00	31.78 1.91 0.00	31.93 1.92 0.00	32.72 1.79 0.00	32.13 1.60 0.00	29.46 1.79 0.00	36.89 1.86 0.00	32.27 1.84 0.00	35.75 1.92 0.00	51.55 2.54 0.00	55.59 2.55 0.00	56.70 2.35 0.00	64.63 3.04 -0.01	68.62 4.36 -0.01	98.49 7.46 -0.01	97.57 6.88 -0.01	96.83 5.79 -0.01	65.41 3.72 -0.01	71.62 2.94 0.00	51.21 1.87 0.00	49.54 2.14 0.00
NYS_BARGE__HYD 23848	45.31 0.92 0.00	32.79 0.12 0.00	27.94 -0.05 0.00	29.31 -0.30 0.00	29.53 -0.34 0.00	29.78 -0.22 0.00	30.63 -0.30 0.00	30.07 -0.46 0.00	27.57 -0.10 0.00	35.49 0.46 0.00	30.75 0.32 0.00	34.20 0.37 0.00	49.40 0.39 0.00	53.22 0.18 0.00	54.22 -0.12 0.00	60.04 -1.53 0.00	62.64 -1.61 0.00	88.78 -2.24 0.00	89.54 -1.14 0.00	91.07 0.04 0.00	60.91 -0.78 0.00	67.91 -0.77 0.00	49.13 -0.21 0.00	47.39 -0.02 0.00
OAK ORCHARD__HYD 24046	45.61 1.22 0.00	33.19 0.52 0.00	28.32 0.34 0.00	29.79 0.18 0.00	30.00 0.13 0.00	30.21 0.20 0.00	31.11 0.18 0.00	30.59 0.07 0.00	27.98 0.30 0.00	35.86 0.83 0.00	31.20 0.77 0.00	34.81 0.98 0.00	50.49 1.48 0.00	54.63 1.58 0.00	55.80 1.46 0.00	62.53 0.96 0.00	65.42 1.16 0.00	92.99 1.96 0.00	93.29 2.61 0.00	94.51 3.48 0.00	63.38 1.70 0.00	70.49 1.81 0.00	50.57 1.23 0.00	48.52 1.12 0.00

OAKDALE___35_KV_LOAD 356122	45.08 0.69 0.00	32.93 0.27 0.00	28.17 0.19 0.00	29.79 0.18 0.00	30.04 0.17 0.00	30.25 0.24 0.00	31.08 0.15 0.00	30.51 -0.02 0.00	27.76 0.08 0.00	35.20 0.18 0.00	30.65 0.22 0.00	34.08 0.25 0.00	49.47 0.46 0.00	53.54 0.49 0.00	54.73 0.39 0.00	61.91 0.34 0.00	65.00 0.75 0.00	93.00 1.98 0.00	92.59 1.90 0.00	92.87 1.84 0.00	62.56 0.88 0.00	69.31 0.63 0.00	49.54 0.20 0.00	47.64 0.23 0.00
OCC_CHEM___DRP 24175	44.23 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.87 -0.74 0.00	29.07 -0.80 0.00	29.33 -0.67 0.00	30.22 -0.71 0.00	29.53 -1.00 0.00	27.02 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.25 0.00	48.45 -0.56 0.00	52.24 -0.80 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.31 -2.95 0.00	86.78 -4.25 0.00	87.57 -3.11 0.00	89.06 -1.97 0.00	59.49 -2.20 0.00	66.41 -2.27 0.00	48.20 -1.14 0.00	46.77 -0.63 0.00
OH_GEN_PROXY 24063	44.56 0.17 0.00	32.34 -0.33 0.00	27.60 -0.38 0.00	28.97 -0.64 0.00	29.19 -0.68 0.00	27.57 -0.55 1.88	30.34 -0.59 0.00	29.77 -0.76 0.00	22.37 -0.38 4.93	35.11 0.09 0.00	30.42 -0.01 0.00	33.86 0.03 0.00	48.65 -0.07 0.29	52.80 -0.24 0.00	0.77 -0.61 52.96	59.60 -1.97 0.00	62.19 -2.07 0.00	88.19 -2.83 0.00	-13.45 -1.97 102.16	20.71 -0.90 69.42	59.91 -1.48 0.30	66.00 -1.44 1.25	48.62 -0.71 0.00	47.07 -0.46 -0.12
OLIN_CORP_DRP 24177	44.76 0.38 0.00	32.41 -0.26 0.00	27.62 -0.36 0.00	28.97 -0.64 0.00	29.20 -0.67 0.00	29.48 -0.53 0.00	30.33 -0.60 0.00	29.80 -0.73 0.00	27.28 -0.39 0.00	35.11 0.08 0.00	30.42 -0.01 0.00	33.87 0.04 0.00	48.91 -0.10 0.00	52.72 -0.32 0.00	53.67 -0.67 0.00	59.38 -2.20 0.00	61.93 -2.33 0.00	87.63 -3.40 0.00	88.29 -2.39 0.00	89.79 -1.24 0.00	60.00 -1.69 0.00	66.95 -1.72 0.00	48.55 -0.79 0.00	46.84 -0.56 0.00
OLIN_CORP_DSASP 323712	44.24 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.86 -0.75 0.00	29.07 -0.80 0.00	29.32 -0.68 0.00	30.19 -0.74 0.00	29.50 -1.02 0.00	27.03 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.26 0.00	48.45 -0.56 0.00	52.23 -0.82 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.32 -2.95 0.00	86.82 -4.21 0.00	87.58 -3.11 0.00	89.07 -1.97 0.00	59.49 -2.19 0.00	66.41 -2.27 0.00	48.16 -1.18 0.00	46.79 -0.61 0.00
ONEIDA_HERK_LFGE 323681	45.27 0.89 0.00	33.25 0.58 0.00	28.40 0.42 0.00	30.06 0.44 0.00	30.26 0.39 0.00	30.41 0.41 0.00	31.31 0.38 0.00	30.86 0.34 0.00	28.05 0.37 0.00	35.60 0.57 0.00	30.96 0.53 0.00	34.35 0.52 0.00	49.88 0.87 0.00	54.04 1.00 0.00	55.28 0.93 0.00	62.86 1.29 0.00	66.04 1.78 0.00	93.77 2.75 0.00	94.38 3.70 0.00	97.75 4.79 -1.92	74.78 3.42 -9.68	98.15 3.76 -25.71	51.05 1.71 0.00	48.42 1.02 0.00
ONEIDA___115KV_TB4 55905	45.80 1.41 0.00	33.60 0.93 0.00	28.72 0.73 0.00	30.37 0.75 0.00	30.60 0.73 0.00	30.74 0.74 0.00	31.63 0.70 0.00	31.10 0.57 0.00	28.18 0.50 0.00	35.72 0.69 0.00	31.09 0.66 0.00	34.57 0.74 0.00	50.38 1.38 0.00	54.58 1.54 0.00	55.80 1.46 0.00	63.38 1.80 0.00	66.51 2.25 0.00	94.91 3.89 0.00	95.13 4.44 0.00	96.92 5.07 -0.81	69.15 3.37 -4.09	83.05 3.49 -10.88	51.29 1.95 0.00	48.99 1.59 0.00
ONONDAGA_REF_OCCRA 23987	44.90 0.45 -0.07	32.84 0.17 0.00	28.07 0.09 0.00	29.68 0.07 0.00	29.90 0.04 0.00	30.06 0.05 0.00	30.92 -0.01 0.00	30.43 -0.09 0.00	27.64 -0.03 0.00	35.06 0.04 0.00	30.54 0.11 0.00	34.01 0.18 0.00	49.37 0.36 0.00	53.53 0.46 -0.03	54.78 0.43 0.00	62.68 0.53 -0.58	66.47 0.93 -1.28	94.03 1.92 -1.09	94.89 2.14 -2.06	95.73 2.30 -2.39	64.86 1.27 -1.91	75.79 1.10 -6.01	50.82 0.50 -0.99	48.74 0.43 -0.92
ONONDAGA___COGEN 23986	44.96 0.36 -0.21	32.78 0.12 0.00	28.02 0.04 0.00	29.64 0.03 0.00	29.87 0.00 0.00	30.02 0.01 0.00	30.89 -0.04 0.00	30.39 -0.13 0.00	27.63 -0.05 0.00	35.05 0.02 0.00	30.52 0.09 0.00	33.96 0.13 0.00	49.29 0.28 0.00	53.50 0.36 -0.09	54.68 0.34 0.00	63.87 0.41 -1.88	69.21 0.75 -4.19	96.23 1.65 -3.55	99.24 1.82 -6.74	100.86 2.02 -7.80	67.83 1.14 -5.01	79.08 1.00 -9.41	52.97 0.42 -3.22	50.73 0.33 -3.00
ONTARIO___LFGE 23819	45.97 1.51 -0.08	33.32 0.65 0.00	28.41 0.42 0.00	29.95 0.34 0.00	30.19 0.32 0.00	30.41 0.41 0.00	31.28 0.35 0.00	30.70 0.17 0.00	27.98 0.30 0.00	35.61 0.58 0.00	30.98 0.55 0.00	34.51 0.67 0.00	50.21 1.20 0.00	54.30 1.22 -0.03	55.47 1.13 0.00	63.13 0.84 -0.71	67.18 1.35 -1.58	95.01 2.65 -1.34	96.39 3.17 -2.53	97.95 3.98 -2.93	65.74 2.36 -1.69	72.88 2.24 -1.96	51.92 1.37 -1.21	49.75 1.22 -1.13
ORANGEVILLE_WT_PWR 323706	45.15 0.77 0.00	32.46 -0.20 0.00	27.60 -0.38 0.00	29.02 -0.59 0.00	29.24 -0.63 0.00	29.52 -0.48 0.00	30.38 -0.55 0.00	29.70 -0.83 0.00	27.17 -0.50 0.00	34.82 -0.21 0.00	30.11 -0.32 0.00	33.53 -0.30 0.00	48.67 -0.34 0.00	52.44 -0.61 0.00	53.31 -1.03 0.00	59.44 -2.13 0.00	62.35 -1.91 0.00	89.21 -1.82 0.00	90.02 -0.66 0.00	91.84 0.80 0.00	61.69 0.00 0.00	68.44 -0.24 0.00	48.92 -0.42 0.00	46.85 -0.55 0.00
ORANGEVILLE___ESR 323794	45.15 0.77 0.00	32.46 -0.20 0.00	27.60 -0.38 0.00	29.02 -0.59 0.00	29.24 -0.63 0.00	29.52 -0.48 0.00	30.38 -0.55 0.00	29.70 -0.83 0.00	27.17 -0.50 0.00	34.82 -0.21 0.00	30.11 -0.32 0.00	33.53 -0.30 0.00	48.67 -0.34 0.00	52.44 -0.61 0.00	53.31 -1.03 0.00	59.44 -2.13 0.00	62.35 -1.91 0.00	89.21 -1.82 0.00	90.02 -0.66 0.00	91.84 0.80 0.00	61.69 0.00 0.00	68.44 -0.24 0.00	48.92 -0.42 0.00	46.85 -0.55 0.00
OSWEGATCHIE___HYD 24044	44.66 0.20 -0.08	32.77 0.10 0.00	27.96 -0.02 0.00	29.56 -0.05 0.00	29.78 -0.08 0.00	29.94 -0.06 0.00	30.90 -0.03 0.00	30.48 -0.04 0.00	27.76 0.09 0.00	35.28 0.26 0.00	30.63 0.20 0.00	33.93 0.10 0.00	49.15 0.14 0.00	53.16 0.08 -0.03	54.19 -0.15 0.00	62.21 -0.07 -0.71	65.80 -0.04 -1.58	91.27 -1.10 -1.34	93.47 0.25 -2.54	106.25 2.55 -12.67	114.67 2.38 -50.60	204.06 3.46 -131.93	52.09 1.53 -1.22	49.15 0.62 -1.13
OSWEGO___5 23606	45.07 -0.60 -1.28	32.12 -0.55 0.00	27.50 -0.49 0.00	29.08 -0.54 0.00	29.30 -0.57 0.00	29.45 -0.55 0.00	30.32 -0.61 0.00	29.86 -0.67 0.00	27.12 -0.55 0.00	34.38 -0.64 0.00	29.92 -0.51 0.00	33.27 -0.56 0.00	48.23 -0.78 0.00	52.78 -0.82 -0.56	53.48 -0.87 0.00	71.96 -1.03 -11.42	88.81 -0.87 -25.42	111.73 -0.86 -21.56	130.84 -0.69 -40.85	137.81 -0.54 -47.31	88.45 -0.52 -27.28	99.59 -0.78 -31.69	68.13 -0.73 -19.52	64.88 -0.72 -18.20
OSWEGO___6 23613	45.07 -0.60 -1.28	32.12 -0.55 0.00	27.50 -0.49 0.00	29.08 -0.54 0.00	29.30 -0.57 0.00	29.45 -0.55 0.00	30.32 -0.61 0.00	29.86 -0.67 0.00	27.12 -0.55 0.00	34.38 -0.64 0.00	29.92 -0.51 0.00	33.27 -0.56 0.00	48.23 -0.78 0.00	52.78 -0.82 -0.56	53.48 -0.87 0.00	71.96 -1.03 -11.42	88.81 -0.87 -25.42	111.73 -0.86 -21.56	130.84 -0.69 -40.85	137.81 -0.54 -47.31	88.45 -0.52 -27.28	99.59 -0.78 -31.69	68.13 -0.73 -19.52	64.88 -0.72 -18.20

OUTOKUMPU-AB___DRP 24206	45.35 0.97 0.00	32.85 0.18 0.00	28.03 0.05 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.88 -0.12 0.00	30.76 -0.16 0.00	30.15 -0.37 0.00	27.65 -0.02 0.00	35.61 0.58 0.00	30.90 0.47 0.00	34.43 0.60 0.00	49.80 0.80 0.00	53.73 0.68 0.00	54.69 0.34 0.00	60.50 -1.08 0.00	63.02 -1.24 0.00	89.38 -1.64 0.00	90.24 -0.45 0.00	91.58 0.55 0.00	61.19 -0.50 0.00	68.16 -0.52 0.00	49.42 0.09 0.00	47.78 0.38 0.00
OXBOW___BTM 323836	44.82 0.44 0.00	32.52 -0.15 0.00	27.78 -0.20 0.00	29.13 -0.48 0.00	29.34 -0.53 0.00	29.60 -0.40 0.00	30.46 -0.47 0.00	29.81 -0.72 0.00	27.35 -0.32 0.00	35.22 0.19 0.00	30.54 0.11 0.00	34.05 0.22 0.00	49.20 0.19 0.00	53.06 0.02 0.00	54.03 -0.32 0.00	59.79 -1.78 0.00	62.09 -2.17 0.00	87.98 -3.05 0.00	88.78 -1.90 0.00	90.17 -0.86 0.00	60.27 -1.41 0.00	67.21 -1.47 0.00	48.81 -0.53 0.00	47.34 -0.06 0.00
OXBOW___ 24026	44.82 0.43 0.00	32.51 -0.16 0.00	27.78 -0.20 0.00	29.14 -0.47 0.00	29.34 -0.53 0.00	29.61 -0.39 0.00	30.49 -0.44 0.00	29.84 -0.68 0.00	27.35 -0.32 0.00	35.22 0.19 0.00	30.54 0.11 0.00	34.05 0.22 0.00	49.20 0.19 0.00	53.08 0.03 0.00	54.03 -0.32 0.00	59.77 -1.80 0.00	62.09 -2.17 0.00	87.94 -3.08 0.00	88.79 -1.89 0.00	90.17 -0.86 0.00	60.26 -1.42 0.00	67.21 -1.47 0.00	48.84 -0.50 0.00	47.33 -0.07 0.00
OXY_CHEM_DSASP 323612	44.23 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.87 -0.74 0.00	29.07 -0.80 0.00	29.33 -0.67 0.00	30.22 -0.71 0.00	29.53 -1.00 0.00	27.02 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.25 0.00	48.45 -0.56 0.00	52.24 -0.80 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.31 -2.95 0.00	86.78 -4.25 0.00	87.57 -3.11 0.00	89.06 -1.97 0.00	59.49 -2.20 0.00	66.41 -2.27 0.00	48.20 -1.14 0.00	46.77 -0.63 0.00
OZONE_PARK_ESR 323760	47.68 3.29 0.00	35.17 2.50 0.00	30.07 2.08 0.00	31.78 2.17 0.00	31.87 2.00 0.00	31.98 1.98 0.00	32.78 1.85 0.00	32.24 1.71 0.00	29.52 1.85 0.00	37.14 2.11 0.00	32.46 2.04 0.00	36.07 2.24 0.00	52.09 3.08 0.00	56.22 3.18 0.00	57.55 3.21 0.00	65.57 4.00 0.00	69.64 5.38 0.00	100.04 9.01 0.00	99.09 8.41 0.00	98.31 7.28 0.00	66.32 4.63 0.00	72.70 4.02 0.00	51.96 2.63 0.00	50.20 2.80 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.23 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.87 -0.74 0.00	29.07 -0.80 0.00	29.33 -0.67 0.00	30.22 -0.71 0.00	29.53 -1.00 0.00	27.02 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.25 0.00	48.45 -0.56 0.00	52.24 -0.80 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.31 -2.95 0.00	86.78 -4.25 0.00	87.57 -3.11 0.00	89.06 -1.97 0.00	59.49 -2.20 0.00	66.41 -2.27 0.00	48.20 -1.14 0.00	46.77 -0.63 0.00
PACKARD___115KV_DUPONT_184 80571	44.23 -0.15 0.00	32.15 -0.52 0.00	27.52 -0.46 0.00	28.87 -0.74 0.00	29.07 -0.80 0.00	29.33 -0.67 0.00	30.22 -0.71 0.00	29.53 -1.00 0.00	27.02 -0.65 0.00	34.78 -0.25 0.00	30.12 -0.30 0.00	33.57 -0.25 0.00	48.45 -0.56 0.00	52.24 -0.80 0.00	53.18 -1.16 0.00	58.82 -2.75 0.00	61.31 -2.95 0.00	86.78 -4.25 0.00	87.57 -3.11 0.00	89.06 -1.97 0.00	59.49 -2.20 0.00	66.41 -2.27 0.00	48.20 -1.14 0.00	46.77 -0.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.18 2.80 0.00	34.93 2.26 0.00	29.85 1.87 0.00	31.62 2.01 0.00	31.72 1.85 0.00	31.86 1.85 0.00	32.65 1.71 0.00	32.06 1.53 0.00	29.41 1.73 0.00	36.88 1.86 0.00	32.27 1.84 0.00	35.76 1.94 0.00	51.57 2.56 0.00	55.61 2.57 0.00	56.77 2.42 -0.01	64.66 3.08 -0.01	68.65 4.38 -0.01	98.54 7.51 -0.01	97.61 6.91 -0.01	96.80 5.75 -0.02	65.38 3.69 -0.01	71.58 2.89 -0.01	51.17 1.83 0.00	49.51 2.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.77 4.38 0.00	36.08 3.41 0.00	30.89 2.91 0.00	32.71 3.10 0.00	32.89 3.03 0.00	33.04 3.03 0.00	33.84 2.91 0.00	33.23 2.70 0.00	30.49 2.82 0.00	38.27 3.24 0.00	33.44 3.01 0.00	37.05 3.22 0.00	53.41 4.40 0.00	57.62 4.57 0.00	58.85 4.50 -0.01	66.94 5.36 -0.01	71.02 6.75 -0.01	102.06 11.02 -0.01	101.15 10.46 -0.01	100.26 9.21 -0.02	67.65 5.96 -0.01	74.13 5.44 -0.01	52.84 3.51 0.00	51.08 3.68 0.00
PATROON___115KV_TB1 80586	45.20 0.81 0.00	33.54 0.88 0.00	28.88 0.90 0.00	30.61 1.00 0.00	30.85 0.98 0.00	30.95 0.95 0.00	31.80 0.87 0.00	31.25 0.73 0.00	28.33 0.66 0.00	35.51 0.48 0.00	30.68 0.25 0.00	34.03 0.20 0.00	49.25 0.24 0.00	53.29 0.25 0.00	54.91 0.57 0.00	62.55 0.98 0.00	65.76 1.50 0.00	94.21 3.18 0.00	93.64 2.95 0.00	93.23 2.19 0.00	63.16 1.48 0.00	69.68 1.00 0.00	49.75 0.41 0.00	47.87 0.47 0.00
PATTRSNVILLE___SOLAR 323815	46.07 1.69 0.00	33.91 1.25 0.00	29.03 1.05 0.00	30.74 1.13 0.00	30.98 1.11 0.00	31.11 1.10 0.00	31.97 1.04 0.00	31.33 0.81 0.00	28.18 0.51 0.00	35.45 0.42 0.00	30.80 0.37 0.00	34.22 0.39 0.00	49.62 0.62 0.00	53.98 0.94 0.00	55.67 1.33 0.00	63.16 1.59 0.00	66.20 1.94 0.00	94.34 3.32 0.00	94.32 3.64 0.00	95.16 4.12 0.00	64.70 3.01 0.00	71.60 2.92 0.00	51.18 1.84 0.00	49.14 1.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.37 0.99 0.00	32.80 0.13 0.00	27.93 -0.05 0.00	29.34 -0.27 0.00	29.57 -0.30 0.00	29.85 -0.15 0.00	30.72 -0.21 0.00	30.14 -0.38 0.00	27.68 0.01 0.00	35.64 0.62 0.00	30.96 0.53 0.00	34.49 0.66 0.00	50.07 1.06 0.00	54.06 1.02 0.00	54.98 0.64 0.00	61.24 -0.33 0.00	64.06 -0.20 0.00	91.25 0.22 0.00	91.99 1.31 0.00	92.96 1.93 0.00	62.07 0.39 0.00	68.99 0.31 0.00	49.65 0.31 0.00	47.71 0.31 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.24 2.85 0.00	34.80 2.14 0.00	29.76 1.78 0.00	31.48 1.87 0.00	31.62 1.75 0.00	31.73 1.72 0.00	32.56 1.63 0.00	32.01 1.49 0.00	29.24 1.57 0.00	36.82 1.79 0.00	32.17 1.74 0.00	35.76 1.93 0.00	51.78 2.77 0.00	56.00 2.95 0.00	57.47 3.12 0.00	65.58 4.00 0.00	69.51 5.26 0.00	99.86 8.83 0.00	99.00 8.31 0.00	98.24 7.21 0.00	66.21 4.53 0.00	72.58 3.90 0.00	51.73 2.39 0.00	49.84 2.44 0.00
PEEKSKILL___ 23653	46.83 2.44 0.00	34.53 1.87 0.00	29.53 1.55 0.00	31.24 1.63 0.00	31.36 1.49 0.00	31.48 1.48 0.00	32.28 1.36 0.00	31.71 1.19 0.00	28.97 1.30 0.00	36.45 1.42 0.00	31.82 1.39 0.00	35.31 1.48 0.00	51.05 2.04 0.00	55.16 2.12 0.00	56.55 2.21 0.00	64.47 2.90 0.00	68.34 4.08 0.00	98.07 7.04 0.00	97.19 6.50 0.00	96.42 5.39 0.00	65.09 3.41 0.00	71.40 2.72 0.00	51.01 1.67 0.00	49.25 1.85 0.00
PGE MADISON___WINDPWR 24146	47.17 2.79 0.00	34.62 1.96 0.00	29.68 1.70 0.00	31.31 1.70 0.00	31.50 1.63 0.00	31.66 1.65 0.00	32.58 1.65 0.00	32.17 1.65 0.00	29.32 1.65 0.00	37.39 2.36 0.00	32.56 2.13 0.00	36.11 2.28 0.00	52.32 3.31 0.00	56.56 3.52 0.00	57.96 3.62 0.00	65.36 3.79 0.00	68.97 4.71 0.00	98.98 7.96 0.00	99.46 8.77 0.00	100.97 9.93 0.00	67.74 6.05 0.00	74.10 5.42 0.00	52.45 3.12 0.00	50.16 2.76 0.00

PIERCEFIELD___HYD 23852	44.34 -0.05 0.00	32.65 -0.01 0.00	27.93 -0.05 0.00	29.49 -0.13 0.00	29.77 -0.10 0.00	29.93 -0.08 0.00	30.97 0.04 0.00	30.70 0.18 0.00	27.89 0.22 0.00	35.38 0.36 0.00	30.66 0.23 0.00	34.11 0.28 0.00	49.38 0.37 0.00	53.34 0.30 0.00	54.34 0.00 0.00	61.29 -0.29 0.00	63.22 -1.04 0.00	87.63 -3.39 0.00	88.07 -2.62 0.00	104.79 -0.61 -14.37	134.23 0.33 -72.22	262.02 1.44 -191.91	50.39 1.04 -0.01	48.05 0.64 0.00
PINELAWN_CC_1 323563	48.04 3.65 0.00	35.24 2.58 0.00	30.02 2.04 0.00	31.68 2.07 0.00	31.65 1.79 0.00	31.74 1.73 0.00	32.48 1.54 0.00	31.85 1.33 0.00	29.24 1.57 0.00	36.75 1.73 0.00	31.73 1.30 0.00	34.10 1.46 1.19	49.26 2.25 1.99	54.77 2.50 0.77	57.00 2.66 0.00	65.21 3.64 0.00	69.37 5.11 0.00	106.35 8.71 -6.62	106.03 7.84 -7.50	98.19 6.23 -0.93	65.55 3.86 0.00	71.95 3.30 0.03	51.42 2.08 0.00	49.86 2.46 0.00
PJM_GEN_HTTP_PROXY 323702	47.14 2.76 0.00	34.80 2.13 0.00	29.75 1.77 0.00	31.45 1.84 0.00	31.55 1.68 0.00	31.68 1.67 0.00	32.48 1.55 0.00	31.93 1.41 0.00	29.36 1.54 -0.15	36.74 1.71 0.00	32.10 1.67 0.00	35.64 1.81 0.00	51.46 2.45 0.00	55.55 2.51 0.00	56.84 2.50 0.00	63.34 3.20 1.44	68.77 4.51 0.00	99.02 7.73 -0.26	97.81 7.13 0.00	97.05 6.01 0.00	62.67 3.77 2.78	71.74 3.06 0.00	51.29 1.95 0.00	49.55 2.15 0.00
PJM_GEN_KEystone 24065	45.67 1.29 0.00	33.40 0.73 0.00	28.53 0.55 0.00	30.13 0.52 0.00	30.30 0.43 0.00	30.52 0.51 0.00	31.30 0.37 0.00	30.66 0.14 0.00	28.21 0.39 -0.15	35.59 0.56 0.00	30.99 0.56 0.00	34.41 0.58 0.00	49.85 0.84 0.00	53.87 0.83 0.00	54.99 0.66 0.01	60.70 0.59 1.46	65.39 1.26 0.12	94.11 2.82 -0.26	93.31 2.63 0.00	93.10 2.06 0.00	59.83 0.93 2.78	69.10 0.42 0.00	49.54 0.20 0.00	49.51 0.42 -1.68
PJM_GEN_NEPTUNE_PROXY 323594	47.34 2.95 0.00	34.77 2.11 0.00	29.65 1.67 0.00	31.32 1.70 0.00	31.33 1.46 0.00	31.44 1.43 0.00	32.19 1.26 0.00	31.59 1.07 0.00	29.13 1.31 -0.15	36.43 1.40 0.00	31.53 1.10 0.00	35.06 1.24 0.00	50.87 1.86 0.00	55.08 2.03 0.00	56.47 2.13 0.00	63.10 2.97 1.44	68.56 4.30 0.00	97.77 7.39 0.65	97.20 6.51 0.00	96.10 5.06 0.00	62.01 3.11 2.78	71.14 2.45 0.00	47.87 1.48 2.95	49.28 1.88 0.00
PJM_GEN_VFT_PROXY 323633	46.97 2.59 0.00	34.68 2.01 0.00	29.65 1.66 0.00	31.33 1.71 0.00	31.42 1.56 0.00	31.55 1.55 0.00	32.35 1.42 0.00	31.80 1.27 0.00	29.26 1.44 -0.15	36.58 1.56 0.00	31.98 1.55 0.00	35.50 1.67 0.00	51.24 2.23 0.00	55.24 2.20 0.00	56.35 2.13 0.13	62.55 2.77 1.79	66.59 4.11 1.78	98.41 7.14 -0.25	97.24 6.56 0.01	96.40 5.37 0.01	62.28 3.39 2.79	71.32 2.64 0.00	51.02 1.68 0.00	49.34 1.94 0.00
PLATSBURG_115KV_PMLD1 355749	43.67 -0.72 0.00	32.25 -0.42 0.00	27.66 -0.33 0.00	29.15 -0.46 0.00	29.52 -0.35 0.00	29.69 -0.31 0.00	30.79 -0.14 0.00	30.47 -0.05 0.00	27.66 -0.02 0.00	34.97 -0.06 0.00	30.11 -0.32 0.00	33.53 -0.30 0.00	48.63 -0.38 0.00	52.43 -0.61 0.00	52.87 -1.47 0.00	59.42 -2.15 0.00	61.27 -2.99 0.00	85.83 -5.20 0.00	86.01 -4.67 0.00	87.81 -3.22 0.00	56.01 -1.85 3.82	35.72 -1.49 31.47	48.64 -0.70 0.00	46.89 -0.51 0.00
PLEASANTVLY___LBMP 24000	46.42 2.04 0.00	34.26 1.59 0.00	29.32 1.34 0.00	31.03 1.42 0.00	31.18 1.32 0.00	31.30 1.29 0.00	32.12 1.19 0.00	31.56 1.03 0.00	28.77 1.09 0.00	36.17 1.14 0.00	31.54 1.11 0.00	35.00 1.17 0.00	50.58 1.57 0.00	54.64 1.59 0.00	56.08 1.73 0.00	63.96 2.39 0.00	67.69 3.43 0.00	97.17 6.14 0.00	96.31 5.63 0.00	95.60 4.57 0.00	64.57 2.89 0.00	70.91 2.23 0.00	50.62 1.28 0.00	48.88 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.95 2.57 0.00	34.64 1.97 0.00	29.63 1.64 0.00	31.32 1.71 0.00	31.46 1.58 0.00	31.58 1.57 0.00	32.38 1.45 0.00	31.82 1.30 0.00	29.09 1.41 0.00	36.56 1.53 0.00	31.92 1.49 0.00	35.45 1.62 0.00	51.23 2.22 0.00	55.36 2.31 0.00	56.77 2.42 0.00	64.71 3.14 0.00	68.60 4.34 0.00	98.47 7.44 0.00	97.59 6.91 0.00	96.83 5.80 0.00	65.32 3.63 0.00	71.67 2.99 0.00	51.19 1.85 0.00	49.41 2.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.95 2.57 0.00	34.64 1.97 0.00	29.63 1.64 0.00	31.32 1.71 0.00	31.46 1.58 0.00	31.58 1.57 0.00	32.38 1.45 0.00	31.82 1.30 0.00	29.09 1.41 0.00	36.56 1.53 0.00	31.92 1.49 0.00	35.45 1.62 0.00	51.23 2.22 0.00	55.36 2.31 0.00	56.77 2.42 0.00	64.71 3.14 0.00	68.60 4.34 0.00	98.47 7.44 0.00	97.59 6.91 0.00	96.83 5.80 0.00	65.32 3.63 0.00	71.67 2.99 0.00	51.19 1.85 0.00	49.41 2.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.88 2.50 0.00	34.55 1.88 0.00	29.56 1.58 0.00	31.28 1.66 0.00	31.44 1.57 0.00	31.55 1.54 0.00	32.39 1.46 0.00	31.83 1.31 0.00	29.03 1.36 0.00	36.53 1.50 0.00	31.90 1.47 0.00	35.43 1.61 0.00	51.27 2.26 0.00	55.44 2.40 0.00	56.92 2.58 0.00	65.00 3.43 0.00	68.84 4.58 0.00	98.94 7.92 0.00	98.15 7.46 0.00	97.49 6.45 0.00	65.74 4.06 0.00	72.12 3.44 0.00	51.37 2.03 0.00	49.50 2.11 0.00
POLETTI____ 23519	47.13 2.75 0.00	34.79 2.12 0.00	29.77 1.79 0.00	31.47 1.86 0.00	31.57 1.71 0.00	31.68 1.68 0.00	32.49 1.56 0.00	31.93 1.41 0.00	29.24 1.57 0.00	36.74 1.72 0.00	32.10 1.67 0.00	35.65 1.82 0.00	51.47 2.46 0.00	55.54 2.50 0.00	56.81 2.46 0.00	64.73 3.16 0.00	68.74 4.48 0.00	98.74 7.71 0.00	97.78 7.10 0.00	96.95 5.91 0.00	65.40 3.72 0.00	71.67 2.99 0.00	51.23 1.89 0.00	49.51 2.11 0.00
POMONA___ESR 323819	46.88 2.50 0.00	34.56 1.89 0.00	29.56 1.57 0.00	31.27 1.65 0.00	31.37 1.50 0.00	31.51 1.50 0.00	32.30 1.38 0.00	31.72 1.20 0.00	28.98 1.31 0.00	36.49 1.46 0.00	31.87 1.44 0.00	35.37 1.54 0.00	51.17 2.16 0.00	55.32 2.27 0.00	56.72 2.38 0.00	64.66 3.09 0.00	68.54 4.28 0.00	98.32 7.29 0.00	97.44 6.75 0.00	96.63 5.60 0.00	65.19 3.51 0.00	71.49 2.82 0.00	51.07 1.73 0.00	49.28 1.88 0.00
PORT_JEFF_3 23555	48.06 3.68 0.00	35.28 2.61 0.00	30.04 2.06 0.00	31.69 2.08 0.00	31.63 1.77 0.00	31.72 1.71 0.00	32.45 1.52 0.00	31.83 1.31 0.00	29.29 1.61 0.00	36.81 1.79 0.00	31.72 1.30 0.00	33.77 1.51 1.56	48.72 2.33 2.61	54.47 2.44 1.01	56.76 2.42 0.00	64.94 3.37 0.00	69.01 4.75 0.00	212.28 8.17 -113.08	232.23 7.19 -134.35	126.61 5.43 -30.15	64.94 3.26 0.00	71.39 2.76 0.05	49.25 1.71 1.79	49.65 2.24 0.00
PORT_JEFF_4 23616	48.06 3.68 0.00	35.28 2.61 0.00	30.04 2.06 0.00	31.69 2.08 0.00	31.63 1.77 0.00	31.72 1.71 0.00	32.45 1.52 0.00	31.83 1.31 0.00	29.29 1.61 0.00	36.81 1.79 0.00	31.72 1.30 0.00	33.77 1.51 1.56	48.72 2.33 2.61	54.47 2.44 1.01	56.76 2.42 0.00	64.94 3.37 0.00	69.01 4.75 0.00	212.28 8.17 -113.08	232.23 7.19 -134.35	126.61 5.43 -30.15	64.94 3.26 0.00	71.39 2.76 0.05	49.25 1.71 1.79	49.65 2.24 0.00

PORT_JEFF_IC 23713	48.15 3.77 0.00	35.33 2.66 0.00	30.07 2.09 0.00	31.72 2.11 0.00	31.66 1.80 0.00	31.75 1.74 0.00	32.47 1.54 0.00	31.85 1.33 0.00	29.32 1.64 0.00	36.88 1.85 0.00	31.78 1.35 0.00	33.40 1.58 2.01	48.12 2.48 3.37	54.40 2.65 1.30	57.03 2.68 0.00	65.22 3.65 0.00	69.09 4.83 0.00	229.91 8.38 -130.50	254.21 7.32 -156.20	132.55 5.54 -35.97	65.00 3.32 0.00	71.66 3.06 0.07	49.48 1.88 1.74	49.78 2.39 0.00
PPL PILGRIM_ST_GT1 24216	48.28 3.89 0.00	35.43 2.76 0.00	30.17 2.19 0.00	31.83 2.22 0.00	31.78 1.91 0.00	31.87 1.87 0.00	32.61 1.68 0.00	31.97 1.45 0.00	29.38 1.71 0.00	36.91 1.89 0.00	31.82 1.39 0.00	33.47 1.57 1.93	48.22 2.43 3.22	54.50 2.70 1.24	57.14 2.80 0.00	65.14 3.57 0.00	69.42 5.16 0.00	122.32 8.78 -22.52	125.68 7.74 -27.26	102.84 5.80 -6.01	65.35 3.66 0.00	71.80 3.19 0.06	49.95 2.12 1.51	49.95 2.55 0.00
PPL PILGRIM_ST_GT2 24217	48.28 3.89 0.00	35.43 2.76 0.00	30.17 2.19 0.00	31.83 2.22 0.00	31.78 1.91 0.00	31.87 1.87 0.00	32.61 1.68 0.00	31.97 1.45 0.00	29.38 1.71 0.00	36.91 1.89 0.00	31.82 1.39 0.00	33.47 1.57 1.93	48.22 2.43 3.22	54.50 2.70 1.24	57.14 2.80 0.00	65.14 3.57 0.00	69.42 5.16 0.00	122.32 8.78 -22.52	125.68 7.74 -27.26	102.84 5.80 -6.01	65.35 3.66 0.00	71.80 3.19 0.06	49.95 2.12 1.51	49.95 2.55 0.00
PPL_SHRM_GT3 24213	47.91 3.52 0.00	35.13 2.46 0.00	29.88 1.90 0.00	31.51 1.90 0.00	31.45 1.58 0.00	31.51 1.51 0.00	32.24 1.31 0.00	31.64 1.11 0.00	29.15 1.47 0.00	36.67 1.64 0.00	31.60 1.17 0.00	33.59 1.42 1.66	48.50 2.27 2.78	54.51 2.54 1.07	56.97 2.63 0.00	65.28 3.70 0.00	69.58 5.32 0.00	215.62 9.09 -115.51	235.75 8.03 -137.03	127.99 6.33 -30.62	65.47 3.79 0.00	71.75 3.13 0.06	49.43 1.86 1.77	49.63 2.23 0.00
PPL_SHRM_GT4 24214	47.91 3.52 0.00	35.13 2.46 0.00	29.88 1.90 0.00	31.51 1.90 0.00	31.45 1.58 0.00	31.51 1.51 0.00	32.24 1.31 0.00	31.64 1.11 0.00	29.15 1.47 0.00	36.67 1.64 0.00	31.60 1.17 0.00	33.59 1.42 1.66	48.50 2.27 2.78	54.51 2.54 1.07	56.97 2.63 0.00	65.28 3.70 0.00	69.58 5.32 0.00	215.62 9.09 -115.51	235.75 8.03 -137.03	127.99 6.33 -30.62	65.47 3.79 0.00	71.75 3.13 0.06	49.43 1.86 1.77	49.63 2.23 0.00
PROJECT___ORANGE 1 24174	44.62 0.18 -0.05	32.65 -0.02 0.00	27.92 -0.06 0.00	29.52 -0.09 0.00	29.74 -0.13 0.00	29.89 -0.12 0.00	30.76 -0.17 0.00	30.27 -0.25 0.00	27.51 -0.16 0.00	34.92 -0.11 0.00	30.41 -0.02 0.00	33.85 0.03 0.00	49.13 0.12 0.00	53.25 0.19 -0.02	54.50 0.16 0.00	62.21 0.19 -0.45	65.82 0.56 -1.00	93.23 1.35 -0.85	93.83 1.53 -1.61	94.52 1.62 -1.87	64.16 0.80 -1.68	75.45 0.60 -6.17	50.27 0.16 -0.77	48.25 0.13 -0.72
PROJECT___ORANGE 2 24166	44.62 0.18 -0.05	32.65 -0.02 0.00	27.92 -0.06 0.00	29.52 -0.09 0.00	29.74 -0.13 0.00	29.89 -0.12 0.00	30.76 -0.17 0.00	30.27 -0.25 0.00	27.51 -0.16 0.00	34.92 -0.11 0.00	30.41 -0.02 0.00	33.85 0.03 0.00	49.13 0.12 0.00	53.25 0.19 -0.02	54.50 0.16 0.00	62.21 0.19 -0.45	65.82 0.56 -1.00	93.23 1.35 -0.85	93.83 1.53 -1.61	94.52 1.62 -1.87	64.16 0.80 -1.68	75.45 0.60 -6.17	50.27 0.16 -0.77	48.25 0.13 -0.72
PUCKETT___SOLAR 323809	45.71 1.33 0.00	33.37 0.71 0.00	28.57 0.59 0.00	30.20 0.58 0.00	30.39 0.52 0.00	30.57 0.56 0.00	31.43 0.51 0.00	30.92 0.40 0.00	28.16 0.49 0.00	35.69 0.67 0.00	31.10 0.67 0.00	34.52 0.69 0.00	50.11 1.11 0.00	54.28 1.24 0.00	55.54 1.20 0.00	62.77 1.20 0.00	66.26 2.00 0.00	95.01 3.98 0.00	94.87 4.19 0.00	95.44 4.40 0.00	64.14 2.45 0.00	70.35 1.67 0.00	50.15 0.81 0.00	48.19 0.79 0.00
PYRITES___HYD 24023	45.12 0.74 0.00	33.21 0.54 0.00	28.41 0.43 0.00	29.98 0.37 0.00	30.27 0.40 0.00	30.44 0.43 0.00	31.48 0.55 0.00	31.18 0.66 0.00	28.24 0.56 0.00	35.59 0.57 0.00	30.91 0.48 0.00	34.39 0.55 0.00	49.62 0.61 0.00	53.64 0.59 0.00	54.59 0.24 0.00	61.52 -0.05 0.00	63.40 -0.86 0.00	87.92 -3.11 0.00	88.57 -2.11 0.00	106.81 0.53 -15.25	138.51 1.46 -75.37	264.55 2.81 -193.06	51.42 2.07 -0.01	49.04 1.64 0.00
QUAKERRD_115KV_BK1 80622	44.47 0.09 0.00	32.42 -0.25 0.00	27.67 -0.31 0.00	29.14 -0.47 0.00	29.34 -0.53 0.00	29.54 -0.46 0.00	30.44 -0.49 0.00	29.95 -0.58 0.00	27.36 -0.31 0.00	35.00 -0.02 0.00	30.46 0.03 0.00	33.97 0.14 0.00	49.26 0.25 0.00	53.35 0.30 0.00	54.52 0.17 0.00	61.21 -0.37 0.00	64.07 -0.19 0.00	91.05 0.03 0.00	91.29 0.61 0.00	92.36 1.32 0.00	61.99 0.31 0.00	68.90 0.22 0.00	49.40 0.06 0.00	47.38 -0.02 0.00
QUENSBRY_115KV_TB8 356137	47.30 2.91 0.00	34.80 2.13 0.00	29.73 1.74 0.00	31.41 1.80 0.00	31.67 1.80 0.00	31.77 1.77 0.00	32.73 1.80 0.00	32.19 1.66 0.00	29.21 1.54 0.00	36.57 1.55 0.00	31.73 1.30 0.00	35.23 1.40 0.00	51.02 2.02 0.00	55.45 2.41 0.00	57.52 3.17 0.00	65.96 4.39 0.00	69.49 5.23 0.00	99.64 8.61 0.00	99.09 8.40 0.00	98.90 7.86 0.00	66.73 5.04 0.00	73.43 4.76 0.00	52.25 2.91 0.00	50.12 2.72 0.00
RAMAPO___LBMP 323565	46.68 2.29 0.00	34.41 1.74 0.00	29.42 1.44 0.00	31.13 1.52 0.00	31.24 1.37 0.00	31.37 1.36 0.00	32.16 1.23 0.00	31.58 1.05 0.00	28.85 1.18 0.00	36.31 1.28 0.00	31.71 1.28 0.00	35.17 1.34 0.00	50.87 1.86 0.00	54.97 1.93 0.00	56.37 2.03 0.00	64.22 2.65 0.00	68.04 3.79 0.00	97.58 6.55 0.00	96.75 6.07 0.00	95.98 4.95 0.00	64.79 3.11 0.00	71.07 2.39 0.00	50.79 1.45 0.00	49.04 1.64 0.00
RANKINE___ 23646	45.47 1.09 0.00	32.85 0.18 0.00	28.00 0.02 0.00	29.40 -0.21 0.00	29.61 -0.26 0.00	29.91 -0.10 0.00	30.78 -0.15 0.00	30.20 -0.33 0.00	27.72 0.04 0.00	35.69 0.66 0.00	30.98 0.55 0.00	34.51 0.68 0.00	50.02 1.01 0.00	53.99 0.95 0.00	54.92 0.57 0.00	61.07 -0.50 0.00	63.85 -0.41 0.00	90.88 -0.14 0.00	91.63 0.95 0.00	92.86 1.82 0.00	62.01 0.33 0.00	68.97 0.29 0.00	49.67 0.34 0.00	47.79 0.39 0.00
RAVENSWOOD_GT2_1 24244	47.17 2.79 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.85 0.00	51.51 2.50 0.00	55.59 2.54 0.00	56.87 2.52 0.00	64.82 3.25 0.00	68.80 4.55 0.00	98.80 7.77 0.00	97.86 7.17 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.77 3.09 0.00	51.29 1.95 0.00	49.56 2.17 0.00
RAVENSWOOD_GT2_2 24245	47.17 2.79 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.85 0.00	51.51 2.50 0.00	55.59 2.54 0.00	56.87 2.52 0.00	64.82 3.25 0.00	68.80 4.55 0.00	98.80 7.77 0.00	97.86 7.17 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.77 3.09 0.00	51.29 1.95 0.00	49.56 2.17 0.00

RAVENSWOOD_GT2_3 24246	47.21 2.83 0.00	34.84 2.18 0.00	29.80 1.82 0.00	31.50 1.89 0.00	31.61 1.74 0.00	31.72 1.72 0.00	32.52 1.59 0.00	31.97 1.44 0.00	29.27 1.59 0.00	36.79 1.77 0.00	32.15 1.73 0.00	35.69 1.87 0.00	51.55 2.54 0.00	55.62 2.58 0.00	56.90 2.56 0.00	64.85 3.28 0.00	68.86 4.61 0.00	98.87 7.84 0.00	97.92 7.24 0.00	97.13 6.10 0.00	65.53 3.85 0.00	71.80 3.13 0.00	51.34 2.00 0.00	49.60 2.20 0.00
RAVENSWOOD_GT2_4 24247	47.21 2.83 0.00	34.84 2.18 0.00	29.80 1.82 0.00	31.50 1.89 0.00	31.61 1.74 0.00	31.72 1.72 0.00	32.52 1.59 0.00	31.97 1.44 0.00	29.27 1.59 0.00	36.79 1.77 0.00	32.15 1.73 0.00	35.69 1.87 0.00	51.55 2.54 0.00	55.62 2.58 0.00	56.90 2.56 0.00	64.85 3.28 0.00	68.86 4.61 0.00	98.87 7.84 0.00	97.92 7.24 0.00	97.13 6.10 0.00	65.53 3.85 0.00	71.80 3.13 0.00	51.34 2.00 0.00	49.60 2.20 0.00
RAVENSWOOD_GT3_1 24248	47.18 2.80 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.59 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.85 0.00	51.51 2.50 0.00	55.59 2.54 0.00	56.87 2.53 0.00	64.82 3.25 0.00	68.81 4.55 0.00	98.80 7.77 0.00	97.86 7.17 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.77 3.09 0.00	51.30 1.95 0.00	49.56 2.17 0.00
RAVENSWOOD_GT3_2 24249	47.18 2.80 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.48 1.87 0.00	31.59 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.85 0.00	51.51 2.50 0.00	55.59 2.54 0.00	56.87 2.53 0.00	64.82 3.25 0.00	68.81 4.55 0.00	98.80 7.77 0.00	97.86 7.17 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.77 3.09 0.00	51.30 1.95 0.00	49.56 2.17 0.00
RAVENSWOOD_GT3_3 24250	47.27 2.89 0.00	34.88 2.21 0.00	29.83 1.85 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.76 1.76 0.00	32.56 1.63 0.00	32.01 1.49 0.00	29.31 1.63 0.00	36.85 1.82 0.00	32.20 1.77 0.00	35.75 1.92 0.00	51.63 2.62 0.00	55.71 2.66 0.00	57.00 2.66 0.00	64.96 3.39 0.00	68.96 4.70 0.00	99.05 8.02 0.00	98.09 7.40 0.00	97.29 6.26 0.00	65.64 3.95 0.00	71.94 3.26 0.00	51.42 2.08 0.00	49.69 2.29 0.00
RAVENSWOOD_GT3_4 24251	47.27 2.89 0.00	34.88 2.21 0.00	29.83 1.85 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.76 1.76 0.00	32.56 1.63 0.00	32.01 1.49 0.00	29.31 1.63 0.00	36.85 1.82 0.00	32.20 1.77 0.00	35.75 1.92 0.00	51.63 2.62 0.00	55.71 2.66 0.00	57.00 2.66 0.00	64.96 3.39 0.00	68.96 4.70 0.00	99.05 8.02 0.00	98.09 7.40 0.00	97.29 6.26 0.00	65.64 3.95 0.00	71.94 3.26 0.00	51.42 2.08 0.00	49.69 2.29 0.00
RAVENSWOOD_GT_1 23729	47.15 2.77 0.00	34.90 2.23 0.00	29.86 1.88 0.00	31.60 1.99 0.00	31.69 1.82 0.00	31.82 1.81 0.00	32.62 1.68 0.00	32.05 1.53 0.00	29.38 1.71 0.00	36.87 1.84 0.00	32.29 1.86 0.00	35.78 1.95 0.00	51.52 2.51 0.00	55.46 2.42 0.00	56.05 2.26 0.55	63.17 2.91 1.31	68.13 4.24 0.37	74.34 7.30 23.98	90.45 6.70 6.93	96.02 5.53 0.54	65.22 3.54 0.00	71.21 2.73 0.19	51.03 1.74 0.05	49.42 2.02 0.00
RAVENSWOOD_GT_10 24258	47.18 2.80 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.84 0.00	51.52 2.51 0.00	55.59 2.55 0.00	56.89 2.55 0.00	64.83 3.26 0.00	68.82 4.56 0.00	98.83 7.80 0.00	97.88 7.20 0.00	97.09 6.06 0.00	65.49 3.81 0.00	71.78 3.10 0.00	51.31 1.97 0.00	49.59 2.19 0.00
RAVENSWOOD_GT_11 24259	47.18 2.80 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.84 0.00	51.52 2.51 0.00	55.59 2.55 0.00	56.89 2.55 0.00	64.83 3.26 0.00	68.82 4.56 0.00	98.83 7.80 0.00	97.88 7.20 0.00	97.09 6.06 0.00	65.49 3.81 0.00	71.78 3.10 0.00	51.31 1.97 0.00	49.59 2.19 0.00
RAVENSWOOD_GT_4 24252	47.17 2.79 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.51 2.50 0.00	55.59 2.55 0.00	56.87 2.53 0.00	64.83 3.25 0.00	68.81 4.55 0.00	98.81 7.79 0.00	97.86 7.18 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.78 3.10 0.00	51.30 1.96 0.00	49.58 2.18 0.00
RAVENSWOOD_GT_5 24254	47.17 2.79 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.51 2.50 0.00	55.59 2.55 0.00	56.87 2.53 0.00	64.83 3.25 0.00	68.81 4.55 0.00	98.81 7.79 0.00	97.86 7.18 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.78 3.10 0.00	51.30 1.96 0.00	49.58 2.18 0.00
RAVENSWOOD_GT_6 24253	47.17 2.79 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.51 2.50 0.00	55.59 2.55 0.00	56.87 2.53 0.00	64.83 3.25 0.00	68.81 4.55 0.00	98.81 7.79 0.00	97.86 7.18 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.78 3.10 0.00	51.30 1.96 0.00	49.58 2.18 0.00
RAVENSWOOD_GT_7 24255	47.17 2.79 0.00	34.83 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.96 1.43 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.51 2.50 0.00	55.59 2.55 0.00	56.87 2.53 0.00	64.83 3.25 0.00	68.81 4.55 0.00	98.81 7.79 0.00	97.86 7.18 0.00	97.07 6.04 0.00	65.49 3.80 0.00	71.78 3.10 0.00	51.30 1.96 0.00	49.58 2.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.18 2.80 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.84 0.00	51.52 2.51 0.00	55.59 2.55 0.00	56.89 2.55 0.00	64.83 3.26 0.00	68.82 4.56 0.00	98.83 7.80 0.00	97.88 7.20 0.00	97.09 6.06 0.00	65.49 3.81 0.00	71.78 3.10 0.00	51.31 1.97 0.00	49.59 2.19 0.00
RAVENSWOOD_GT_9 24257	47.18 2.80 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.51 1.58 0.00	31.95 1.43 0.00	29.25 1.57 0.00	36.78 1.75 0.00	32.13 1.70 0.00	35.67 1.84 0.00	51.52 2.51 0.00	55.59 2.55 0.00	56.89 2.55 0.00	64.83 3.26 0.00	68.82 4.56 0.00	98.83 7.80 0.00	97.88 7.20 0.00	97.09 6.06 0.00	65.49 3.81 0.00	71.78 3.10 0.00	51.31 1.97 0.00	49.59 2.19 0.00

RAVENSWOOD___1 23533	47.10 2.71 0.00	34.88 2.21 0.00	29.84 1.86 0.00	31.60 1.98 0.00	31.67 1.81 0.00	31.82 1.81 0.00	32.62 1.69 0.00	32.06 1.53 0.00	29.38 1.71 0.00	36.85 1.83 0.00	32.27 1.84 0.00	35.76 1.93 0.00	51.46 2.45 0.00	55.40 2.35 0.00	55.89 2.20 0.65	62.89 2.83 1.52	67.93 4.13 0.45	69.17 7.18 29.03	88.86 6.57 8.39	95.77 5.40 0.67	65.15 3.47 0.01	71.10 2.66 0.24	50.96 1.69 0.07	49.36 1.97 0.00
RAVENSWOOD___2 23534	46.86 2.48 0.00	34.80 2.13 0.00	29.79 1.80 0.00	31.54 1.92 0.00	31.62 1.75 0.00	31.75 1.75 0.00	32.56 1.63 0.00	32.00 1.47 0.00	29.33 1.65 0.00	36.78 1.75 0.00	32.20 1.78 0.00	35.68 1.85 0.00	51.25 2.24 0.00	54.99 1.94 0.00	55.41 1.72 0.66	62.33 2.28 1.52	67.37 3.56 0.46	68.15 6.29 29.17	87.99 5.74 8.43	94.94 4.58 0.67	64.63 2.95 0.01	70.49 2.05 0.24	50.58 1.31 0.07	49.08 1.69 0.00
RAVENSWOOD___3 23535	47.18 2.80 0.00	34.82 2.16 0.00	29.78 1.80 0.00	31.49 1.88 0.00	31.60 1.73 0.00	31.71 1.70 0.00	32.52 1.59 0.00	31.97 1.45 0.00	29.25 1.58 0.00	36.78 1.75 0.00	32.14 1.71 0.00	35.68 1.85 0.00	51.51 2.50 0.00	55.59 2.55 0.00	56.88 2.54 0.00	64.83 3.25 0.00	68.81 4.55 0.00	98.79 7.77 0.00	97.85 7.17 0.00	97.07 6.04 0.00	65.50 3.81 0.00	71.77 3.09 0.00	51.31 1.97 0.00	49.57 2.17 0.00
RAVENSWOOD___4 23820	47.05 2.66 0.00	34.85 2.18 0.00	29.83 1.85 0.00	31.58 1.96 0.00	31.67 1.81 0.00	31.80 1.79 0.00	32.61 1.68 0.00	32.05 1.52 0.00	29.37 1.69 0.00	36.83 1.80 0.00	32.26 1.82 0.00	35.73 1.90 0.00	51.41 2.40 0.00	55.32 2.28 0.00	55.72 2.13 0.75	62.60 2.75 1.72	67.78 4.06 0.53	63.90 7.03 34.16	87.26 6.45 9.87	95.53 5.28 0.78	65.07 3.39 0.01	70.94 2.54 0.28	50.89 1.63 0.08	49.31 1.91 0.00
RCPL_TRUST___DRP 24196	47.24 2.86 0.00	34.87 2.21 0.00	29.81 1.82 0.00	31.51 1.89 0.00	31.61 1.74 0.00	31.73 1.72 0.00	32.52 1.59 0.00	31.98 1.46 0.00	29.28 1.61 0.00	36.82 1.79 0.00	32.18 1.75 0.00	35.74 1.91 0.00	51.59 2.58 0.00	55.65 2.61 0.00	56.95 2.61 0.00	64.91 3.34 0.00	68.92 4.67 0.00	98.95 7.93 0.00	98.01 7.33 0.00	97.23 6.19 0.00	65.58 3.90 0.00	71.90 3.22 0.00	51.39 2.05 0.00	49.66 2.26 0.00
RED___ROCHESTER 323720	46.09 1.70 0.00	33.52 0.85 0.00	28.58 0.59 0.00	30.06 0.45 0.00	30.26 0.39 0.00	30.46 0.46 0.00	31.36 0.43 0.00	30.85 0.33 0.00	28.25 0.57 0.00	36.25 1.22 0.00	31.57 1.14 0.00	35.26 1.44 0.00	51.19 2.18 0.00	55.43 2.39 0.00	56.64 2.30 0.00	63.49 1.91 0.00	66.47 2.21 0.00	94.51 3.49 0.00	94.81 4.13 0.00	96.03 4.99 0.00	64.37 2.68 0.00	71.53 2.85 0.00	51.26 1.92 0.00	49.12 1.72 0.00
REGAN___SOLAR 323812	47.38 3.00 0.00	34.75 2.09 0.00	29.69 1.71 0.00	31.38 1.77 0.00	31.63 1.76 0.00	31.78 1.77 0.00	32.62 1.69 0.00	31.72 1.20 0.00	28.18 0.50 0.00	35.39 0.37 0.00	30.77 0.34 0.00	34.18 0.35 0.00	49.65 0.64 0.00	54.35 1.31 0.00	56.34 2.00 0.00	63.16 1.59 0.00	66.52 2.26 0.00	94.41 3.38 0.00	95.56 4.87 0.00	98.43 7.39 0.00	67.36 5.68 0.00	74.59 5.91 0.00	53.22 3.88 0.00	50.90 3.50 0.00
RENSSELAER___COGEN 23796	44.89 0.50 0.00	33.34 0.67 0.00	28.71 0.73 0.00	30.45 0.84 0.00	30.68 0.81 0.00	30.78 0.78 0.00	31.63 0.70 0.00	31.08 0.55 0.00	28.16 0.49 0.00	35.26 0.23 0.00	30.42 -0.01 0.00	33.72 -0.11 0.00	48.72 -0.29 0.00	52.64 -0.40 0.00	54.23 -0.11 0.00	61.76 0.18 0.00	64.94 0.68 0.00	93.02 1.99 0.00	92.41 1.73 0.00	92.03 1.00 0.00	62.37 0.68 0.00	68.85 0.17 0.00	49.18 -0.16 0.00	47.35 -0.05 0.00
REPUBLIC_115KV_BARTNBK 55605	50.32 5.93 0.00	36.97 4.30 0.00	31.47 3.49 0.00	33.13 3.51 0.00	33.52 3.65 0.00	33.58 3.58 0.00	34.71 3.78 0.00	34.11 3.59 0.00	30.93 3.25 0.00	38.40 3.37 0.00	33.79 3.36 0.00	37.59 3.76 0.00	54.35 5.33 0.00	59.20 6.16 0.00	61.75 7.41 0.00	70.82 9.25 0.00	74.79 10.53 0.00	107.77 16.75 0.00	104.22 13.54 0.00	103.78 12.75 0.00	69.76 8.07 0.00	77.39 8.70 0.00	54.86 5.52 0.00	52.70 5.30 0.00
REVERE_CPPR_DRP 24186	46.10 1.72 0.00	33.83 1.16 0.00	28.90 0.92 0.00	30.55 0.93 0.00	30.78 0.91 0.00	30.91 0.91 0.00	31.82 0.89 0.00	31.32 0.79 0.00	28.37 0.70 0.00	35.97 0.95 0.00	31.32 0.89 0.00	34.81 0.98 0.00	50.72 1.71 0.00	55.01 1.97 0.00	56.23 1.88 0.00	63.87 2.30 0.00	67.09 2.83 0.00	95.71 4.68 0.00	96.31 5.63 0.00	98.77 6.52 -1.22	72.19 4.38 -6.13	89.65 4.70 -16.28	51.91 2.57 0.00	49.42 2.01 0.00
REYNLDPA_13_KV_LD 356490	44.12 -0.26 0.00	32.51 -0.16 0.00	27.84 -0.14 0.00	29.39 -0.22 0.00	29.69 -0.18 0.00	29.83 -0.18 0.00	30.89 -0.04 0.00	30.64 0.11 0.00	27.79 0.11 0.00	35.31 0.28 0.00	30.57 0.14 0.00	34.02 0.19 0.00	49.33 0.32 0.00	53.34 0.30 0.00	54.42 0.07 0.00	61.30 -0.28 0.00	63.26 -0.99 0.00	88.36 -2.66 0.00	87.86 -2.83 0.00	86.83 -2.25 1.96	52.18 -0.85 8.65	52.18 -0.27 16.24	49.14 -0.20 0.00	47.51 0.11 0.00
REYNOLDS_115KV_TB3 80639	45.18 0.80 0.00	33.53 0.86 0.00	28.81 0.83 0.00	30.56 0.94 0.00	30.79 0.92 0.00	30.88 0.88 0.00	31.73 0.79 0.00	31.16 0.64 0.00	28.25 0.58 0.00	35.40 0.37 0.00	30.66 0.23 0.00	33.98 0.15 0.00	49.12 0.11 0.00	53.13 0.08 0.00	54.77 0.42 0.00	62.38 0.80 0.00	65.64 1.39 0.00	94.04 3.02 0.00	93.40 2.72 0.00	92.89 1.86 0.00	62.97 1.29 0.00	69.47 0.79 0.00	49.62 0.28 0.00	47.80 0.40 0.00
RIVERBAY____ 323610	48.77 4.38 0.00	36.08 3.41 0.00	30.89 2.91 0.00	32.71 3.10 0.00	32.89 3.03 0.00	33.04 3.03 0.00	33.84 2.91 0.00	33.23 2.70 0.00	30.49 2.82 0.00	38.27 3.24 0.00	33.44 3.01 0.00	37.05 3.22 0.00	53.41 4.40 0.00	57.62 4.57 0.00	58.85 4.50 -0.01	66.94 5.36 -0.01	71.02 6.75 -0.01	102.06 11.02 -0.01	101.15 10.46 -0.01	100.26 9.21 -0.02	67.65 5.96 -0.01	74.13 5.44 -0.01	52.84 3.51 0.00	51.08 3.68 0.00
RIVERSDE_115KV_TB3 55908	45.09 0.71 0.00	33.47 0.80 0.00	28.80 0.82 0.00	30.55 0.93 0.00	30.77 0.91 0.00	30.87 0.87 0.00	31.72 0.79 0.00	31.16 0.64 0.00	28.25 0.58 0.00	35.40 0.37 0.00	30.60 0.17 0.00	33.92 0.10 0.00	49.06 0.05 0.00	53.06 0.02 0.00	54.71 0.36 0.00	62.29 0.71 0.00	65.52 1.26 0.00	93.88 2.86 0.00	93.25 2.57 0.00	92.81 1.78 0.00	62.90 1.22 0.00	69.40 0.72 0.00	49.56 0.22 0.00	47.71 0.31 0.00
ROARING___BROOK_WT_PWR 323790	43.58 -0.81 0.00	32.13 -0.54 0.00	27.51 -0.47 0.00	29.14 -0.48 0.00	29.38 -0.49 0.00	29.51 -0.49 0.00	30.53 -0.41 0.00	30.19 -0.34 0.00	27.46 -0.21 0.00	34.81 -0.21 0.00	30.19 -0.24 0.00	33.55 -0.28 0.00	48.64 -0.37 0.00	52.65 -0.39 0.00	53.88 -0.47 0.00	61.01 -0.56 0.00	63.47 -0.79 0.00	89.71 -1.31 0.00	89.69 -1.00 0.00	90.47 -0.57 0.00	60.86 -0.29 0.53	63.81 -0.52 4.35	48.68 -0.66 0.00	46.63 -0.77 0.00

ROCHESRG_115KV_T4 355643	45.35 0.96 0.00	33.02 0.35 0.00	28.18 0.20 0.00	29.65 0.04 0.00	29.86 -0.01 0.00	30.08 0.07 0.00	30.99 0.06 0.00	30.47 -0.05 0.00	27.85 0.17 0.00	35.68 0.66 0.00	31.02 0.59 0.00	34.60 0.77 0.00	50.16 1.15 0.00	54.27 1.23 0.00	55.42 1.07 0.00	62.08 0.51 0.00	64.95 0.69 0.00	92.26 1.24 0.00	92.54 1.85 0.00	93.75 2.72 0.00	62.87 1.19 0.00	69.95 1.27 0.00	50.23 0.90 0.00	48.20 0.79 0.00
ROCHESTER_9_IC 23652	45.72 1.34 0.00	33.27 0.61 0.00	28.38 0.40 0.00	29.86 0.24 0.00	30.07 0.20 0.00	30.27 0.26 0.00	31.19 0.26 0.00	30.68 0.15 0.00	28.05 0.38 0.00	35.96 0.94 0.00	31.29 0.87 0.00	34.93 1.10 0.00	50.68 1.67 0.00	54.85 1.81 0.00	56.02 1.68 0.00	62.78 1.20 0.00	65.70 1.44 0.00	93.37 2.34 0.00	93.66 2.97 0.00	94.88 3.85 0.00	63.61 1.93 0.00	70.76 2.08 0.00	50.76 1.42 0.00	48.66 1.26 0.00
ROCKVIEW_13_KV_LD 356306	47.30 2.92 0.00	34.88 2.21 0.00	29.82 1.84 0.00	31.54 1.93 0.00	31.64 1.77 0.00	31.76 1.75 0.00	32.56 1.63 0.00	31.99 1.47 0.00	29.26 1.58 0.00	36.80 1.78 0.00	32.15 1.72 0.00	35.71 1.88 0.00	51.61 2.60 0.00	55.75 2.71 0.00	57.14 2.80 0.00	65.17 3.59 0.00	69.10 4.84 0.00	99.23 8.20 0.00	98.31 7.63 0.00	97.54 6.50 0.00	65.81 4.12 0.00	72.18 3.50 0.00	51.55 2.21 0.00	49.79 2.39 0.00
ROME____115KV_TB2 80656	46.10 1.72 0.00	33.83 1.16 0.00	28.90 0.92 0.00	30.55 0.93 0.00	30.78 0.91 0.00	30.91 0.91 0.00	31.82 0.89 0.00	31.32 0.79 0.00	28.37 0.70 0.00	35.97 0.95 0.00	31.32 0.89 0.00	34.81 0.98 0.00	50.72 1.71 0.00	55.01 1.97 0.00	56.23 1.88 0.00	63.87 2.30 0.00	67.09 2.83 0.00	95.71 4.68 0.00	96.31 5.63 0.00	98.77 6.52 -1.22	72.19 4.38 -6.13	89.65 4.70 -16.28	51.91 2.57 0.00	49.42 2.01 0.00
ROSETON___1 23587	46.42 2.03 0.00	34.25 1.58 0.00	29.31 1.33 0.00	31.01 1.40 0.00	31.17 1.30 0.00	31.29 1.28 0.00	32.10 1.17 0.00	31.55 1.02 0.00	28.75 1.08 0.00	36.17 1.14 0.00	31.55 1.12 0.00	35.00 1.17 0.00	50.58 1.57 0.00	54.62 1.57 0.00	56.00 1.66 0.00	63.82 2.25 0.00	67.53 3.27 0.00	96.87 5.84 0.00	96.04 5.36 0.00	95.37 4.34 0.00	64.44 2.75 0.00	70.77 2.09 0.00	50.55 1.22 0.00	48.82 1.42 0.00
ROSETON___2 23588	46.42 2.03 0.00	34.25 1.58 0.00	29.31 1.33 0.00	31.01 1.40 0.00	31.17 1.30 0.00	31.29 1.28 0.00	32.10 1.17 0.00	31.55 1.02 0.00	28.75 1.08 0.00	36.17 1.14 0.00	31.55 1.12 0.00	35.00 1.17 0.00	50.58 1.57 0.00	54.62 1.57 0.00	56.00 1.66 0.00	63.82 2.25 0.00	67.53 3.27 0.00	96.87 5.84 0.00	96.04 5.36 0.00	95.37 4.34 0.00	64.44 2.75 0.00	70.77 2.09 0.00	50.55 1.22 0.00	48.82 1.42 0.00
ROTTRDAM_115KV_TB3 80664	45.67 1.29 0.00	33.67 1.00 0.00	28.84 0.86 0.00	30.55 0.94 0.00	30.79 0.93 0.00	30.91 0.90 0.00	31.79 0.86 0.00	31.24 0.72 0.00	28.26 0.58 0.00	35.56 0.54 0.00	30.91 0.48 0.00	34.33 0.50 0.00	49.72 0.71 0.00	53.92 0.87 0.00	55.50 1.16 0.00	63.11 1.54 0.00	66.28 2.02 0.00	94.65 3.62 0.00	94.25 3.56 0.00	94.31 3.28 0.00	63.93 2.24 0.00	70.69 2.01 0.00	50.54 1.20 0.00	48.58 1.18 0.00
RUSSELL___1 23602	46.08 1.70 0.00	33.51 0.85 0.00	28.58 0.59 0.00	30.06 0.44 0.00	30.26 0.39 0.00	30.47 0.46 0.00	31.38 0.45 0.00	30.87 0.35 0.00	28.25 0.57 0.00	36.25 1.22 0.00	31.57 1.14 0.00	35.26 1.44 0.00	51.19 2.18 0.00	55.45 2.41 0.00	56.64 2.29 0.00	63.49 1.91 0.00	66.47 2.21 0.00	94.48 3.46 0.00	94.81 4.13 0.00	96.03 4.99 0.00	64.36 2.68 0.00	71.53 2.85 0.00	51.27 1.94 0.00	49.11 1.71 0.00
RUSSELL___2 23532	46.08 1.70 0.00	33.51 0.85 0.00	28.58 0.59 0.00	30.06 0.44 0.00	30.26 0.39 0.00	30.47 0.46 0.00	31.38 0.45 0.00	30.87 0.35 0.00	28.25 0.57 0.00	36.25 1.22 0.00	31.57 1.14 0.00	35.26 1.44 0.00	51.19 2.18 0.00	55.45 2.41 0.00	56.64 2.29 0.00	63.49 1.91 0.00	66.47 2.21 0.00	94.48 3.46 0.00	94.81 4.13 0.00	96.03 4.99 0.00	64.36 2.68 0.00	71.53 2.85 0.00	51.27 1.94 0.00	49.11 1.71 0.00
RUSSELL___3 23549	46.08 1.70 0.00	33.51 0.85 0.00	28.58 0.59 0.00	30.06 0.44 0.00	30.26 0.39 0.00	30.47 0.46 0.00	31.38 0.45 0.00	30.87 0.35 0.00	28.25 0.57 0.00	36.25 1.22 0.00	31.57 1.14 0.00	35.26 1.44 0.00	51.19 2.18 0.00	55.45 2.41 0.00	56.64 2.29 0.00	63.49 1.91 0.00	66.47 2.21 0.00	94.48 3.46 0.00	94.81 4.13 0.00	96.03 4.99 0.00	64.36 2.68 0.00	71.53 2.85 0.00	51.27 1.94 0.00	49.11 1.71 0.00
RUSSELL___4 23556	46.08 1.70 0.00	33.51 0.85 0.00	28.58 0.59 0.00	30.06 0.44 0.00	30.26 0.39 0.00	30.47 0.46 0.00	31.38 0.45 0.00	30.87 0.35 0.00	28.25 0.57 0.00	36.25 1.22 0.00	31.57 1.14 0.00	35.26 1.44 0.00	51.19 2.18 0.00	55.45 2.41 0.00	56.64 2.29 0.00	63.49 1.91 0.00	66.47 2.21 0.00	94.48 3.46 0.00	94.81 4.13 0.00	96.03 4.99 0.00	64.36 2.68 0.00	71.53 2.85 0.00	51.27 1.94 0.00	49.11 1.71 0.00
RUSSELL___STATION 23914	46.08 1.70 0.00	33.51 0.85 0.00	28.58 0.59 0.00	30.06 0.44 0.00	30.26 0.39 0.00	30.47 0.46 0.00	31.38 0.45 0.00	30.87 0.35 0.00	28.25 0.57 0.00	36.25 1.22 0.00	31.57 1.14 0.00	35.26 1.44 0.00	51.19 2.18 0.00	55.45 2.41 0.00	56.64 2.29 0.00	63.49 1.91 0.00	66.47 2.21 0.00	94.48 3.46 0.00	94.81 4.13 0.00	96.03 4.99 0.00	64.36 2.68 0.00	71.53 2.85 0.00	51.27 1.94 0.00	49.11 1.71 0.00
S SALMON___HYD 24043	44.72 -0.01 -0.34	32.54 -0.12 0.00	27.77 -0.21 0.00	29.37 -0.24 0.00	29.58 -0.28 0.00	29.74 -0.27 0.00	30.62 -0.31 0.00	30.15 -0.37 0.00	27.44 -0.24 0.00	34.86 -0.16 0.00	30.38 -0.05 0.00	33.64 -0.19 0.00	48.65 -0.36 0.00	52.82 -0.37 -0.15	53.83 -0.51 0.00	64.12 -0.51 -3.06	71.10 0.04 -6.81	97.14 0.35 -5.77	102.83 1.21 -10.93	107.55 2.45 -14.07	77.86 1.79 -14.39	98.05 2.05 -27.33	55.18 0.62 -5.23	52.33 0.06 -4.87
S.PERRY__115KV_TB1 80734	47.40 3.02 0.00	34.20 1.53 0.00	29.06 1.08 0.00	30.53 0.91 0.00	30.76 0.89 0.00	31.05 1.04 0.00	31.98 1.06 0.00	31.23 0.71 0.00	28.20 0.52 0.00	36.10 1.08 0.00	31.37 0.94 0.00	34.91 1.08 0.00	50.63 1.62 0.00	54.10 1.06 0.00	54.46 0.12 0.00	61.04 -0.53 0.00	64.01 -0.25 0.00	91.16 0.13 0.00	91.99 1.31 0.00	94.67 3.64 0.00	64.18 2.49 0.00	71.29 2.61 0.00	50.87 1.54 0.00	48.50 1.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.16 0.77 0.00	32.70 0.03 0.00	27.90 -0.08 0.00	29.28 -0.33 0.00	29.49 -0.37 0.00	29.77 -0.23 0.00	30.66 -0.26 0.00	30.09 -0.44 0.00	27.60 -0.08 0.00	35.53 0.50 0.00	30.81 0.38 0.00	34.32 0.50 0.00	49.68 0.67 0.00	53.62 0.58 0.00	54.54 0.20 0.00	60.55 -1.02 0.00	63.24 -1.03 0.00	89.80 -1.22 0.00	90.51 -0.18 0.00	91.83 0.79 0.00	61.32 -0.36 0.00	68.34 -0.34 0.00	49.36 0.02 0.00	47.56 0.16 0.00

SAWYER___23_KV_LOAD 55526	45.16 0.77 0.00	32.70 0.03 0.00	27.90 -0.08 0.00	29.28 -0.33 0.00	29.49 -0.37 0.00	29.77 -0.23 0.00	30.66 -0.26 0.00	30.09 -0.44 0.00	27.60 -0.08 0.00	35.53 0.50 0.00	30.81 0.38 0.00	34.32 0.50 0.00	49.68 0.67 0.00	53.62 0.58 0.00	54.54 0.20 0.00	60.55 -1.02 0.00	63.24 -1.03 0.00	89.80 -1.22 0.00	90.51 -0.18 0.00	91.83 0.79 0.00	61.32 -0.36 0.00	68.34 -0.34 0.00	49.36 0.02 0.00	47.56 0.16 0.00
SELKIRK___I 23801	45.26 0.87 0.00	33.52 0.85 0.00	28.83 0.85 0.00	30.58 0.96 0.00	30.82 0.96 0.00	30.94 0.94 0.00	31.81 0.88 0.00	31.23 0.70 0.00	28.22 0.55 0.00	35.35 0.33 0.00	30.57 0.14 0.00	33.81 -0.02 0.00	48.73 -0.28 0.00	51.98 -1.06 0.00	53.51 -0.83 0.00	60.92 -0.66 0.00	64.02 -0.24 0.00	91.54 0.52 0.00	91.06 0.38 0.00	90.91 -0.12 0.00	61.67 -0.01 0.00	68.19 -0.49 0.00	48.74 -0.60 0.00	46.92 -0.48 0.00
SELKIRK___II 23799	45.10 0.71 0.00	33.40 0.73 0.00	28.73 0.75 0.00	30.46 0.85 0.00	30.70 0.83 0.00	30.81 0.80 0.00	31.66 0.73 0.00	31.12 0.59 0.00	28.18 0.50 0.00	35.30 0.27 0.00	30.52 0.09 0.00	33.82 -0.01 0.00	48.89 -0.12 0.00	52.73 -0.31 0.00	54.28 -0.07 0.00	61.77 0.20 0.00	64.95 0.70 0.00	92.94 1.91 0.00	92.33 1.65 0.00	92.01 0.97 0.00	62.36 0.68 0.00	68.88 0.20 0.00	49.24 -0.09 0.00	47.41 0.00 0.00
SENECA OSWGO___HYD 24041	44.60 -0.32 -0.53	32.30 -0.36 0.00	27.63 -0.35 0.00	29.22 -0.39 0.00	29.44 -0.43 0.00	29.58 -0.42 0.00	30.44 -0.49 0.00	29.98 -0.54 0.00	27.24 -0.43 0.00	34.56 -0.47 0.00	30.08 -0.35 0.00	33.47 -0.36 0.00	48.54 -0.47 0.00	52.83 -0.45 -0.23	53.83 -0.51 0.00	65.73 -0.56 -4.71	74.44 -0.31 -10.49	100.01 0.09 -8.89	107.82 0.28 -16.86	111.04 0.49 -19.52	73.75 0.12 -11.95	87.31 -0.11 -18.75	57.06 -0.34 -8.06	54.54 -0.37 -7.51
SENECA___115KV_TB3 355854	45.56 1.18 0.00	32.91 0.25 0.00	28.05 0.07 0.00	29.45 -0.16 0.00	29.66 -0.20 0.00	29.96 -0.05 0.00	30.83 -0.10 0.00	30.25 -0.27 0.00	27.77 0.10 0.00	35.76 0.73 0.00	31.04 0.61 0.00	34.58 0.75 0.00	50.14 1.13 0.00	54.12 1.08 0.00	55.04 0.69 0.00	61.22 -0.35 0.00	63.99 -0.27 0.00	91.08 0.06 0.00	91.87 1.19 0.00	93.09 2.05 0.00	62.17 0.49 0.00	69.12 0.44 0.00	49.79 0.46 0.00	47.89 0.49 0.00
SENECA___ENERGY 23797	45.47 0.94 -0.15	33.04 0.37 0.00	28.18 0.20 0.00	29.73 0.11 0.00	29.96 0.09 0.00	30.15 0.14 0.00	31.03 0.10 0.00	30.47 -0.05 0.00	27.78 0.10 0.00	35.34 0.31 0.00	30.80 0.37 0.00	34.28 0.45 0.00	49.85 0.84 0.00	54.02 0.91 -0.06	55.21 0.87 0.00	63.60 0.71 -1.31	68.28 1.10 -2.92	95.57 2.07 -2.48	97.88 2.50 -4.69	99.62 3.15 -5.44	66.64 1.82 -3.13	74.00 1.68 -3.64	52.47 0.89 -2.24	50.26 0.77 -2.09
SHOEMAKER___GT 23640	46.31 1.93 0.00	34.14 1.47 0.00	29.20 1.22 0.00	30.90 1.29 0.00	31.07 1.20 0.00	31.19 1.19 0.00	32.01 1.08 0.00	31.45 0.93 0.00	28.62 0.94 0.00	36.02 0.99 0.00	31.42 0.99 0.00	34.87 1.04 0.00	50.43 1.42 0.00	54.52 1.48 0.00	55.92 1.58 0.00	63.70 2.12 0.00	67.36 3.10 0.00	96.55 5.52 0.00	95.93 5.24 0.00	95.47 4.44 0.00	64.52 2.84 0.00	70.96 2.28 0.00	50.69 1.35 0.00	48.85 1.45 0.00
SHOEMAKR_138KV_BK 111 55601	46.31 1.93 0.00	34.12 1.45 0.00	29.20 1.22 0.00	30.90 1.28 0.00	31.05 1.18 0.00	31.18 1.17 0.00	32.00 1.07 0.00	31.44 0.91 0.00	28.62 0.95 0.00	36.04 1.01 0.00	31.44 1.01 0.00	34.89 1.07 0.00	50.46 1.45 0.00	54.56 1.52 0.00	55.97 1.63 0.00	63.75 2.18 0.00	67.40 3.14 0.00	96.60 5.58 0.00	95.92 5.24 0.00	95.44 4.40 0.00	64.48 2.79 0.00	70.89 2.21 0.00	50.65 1.31 0.00	48.83 1.43 0.00
SHOREHAM_IC_1 23715	47.91 3.52 0.00	35.13 2.46 0.00	29.88 1.90 0.00	31.51 1.90 0.00	31.45 1.58 0.00	31.51 1.51 0.00	32.24 1.31 0.00	31.64 1.11 0.00	29.15 1.47 0.00	36.67 1.64 0.00	31.60 1.17 0.00	33.59 1.42 1.66	48.50 2.27 2.78	54.51 2.54 1.07	56.97 2.63 0.00	65.28 3.70 0.00	69.58 5.32 0.00	215.62 9.09 -115.51	235.75 8.03 -137.03	127.99 6.33 -30.62	65.47 3.79 0.00	71.75 3.13 0.06	49.43 1.86 1.77	49.63 2.23 0.00
SHOREHAM_IC_2 23716	47.91 3.53 0.00	35.12 2.46 0.00	29.88 1.90 0.00	31.51 1.90 0.00	31.45 1.57 0.00	31.51 1.51 0.00	32.23 1.30 0.00	31.63 1.10 0.00	29.15 1.47 0.00	36.67 1.64 0.00	31.60 1.17 0.00	33.59 1.43 1.66	48.51 2.28 2.78	54.51 2.54 1.07	56.98 2.63 0.00	65.27 3.70 0.00	69.58 5.32 0.00	215.70 9.16 -115.51	235.75 8.03 -137.03	127.99 6.33 -30.62	65.47 3.78 0.00	71.75 3.13 0.06	49.42 1.86 1.77	49.63 2.23 0.00
SISSONVILLE___ 23735	44.34 -0.05 0.00	32.65 -0.01 0.00	27.93 -0.05 0.00	29.49 -0.13 0.00	29.77 -0.10 0.00	29.93 -0.08 0.00	30.97 0.04 0.00	30.70 0.18 0.00	27.89 0.22 0.00	35.38 0.36 0.00	30.66 0.23 0.00	34.11 0.28 0.00	49.38 0.37 0.00	53.34 0.30 0.00	54.34 0.00 0.00	61.29 -0.29 0.00	63.22 -1.04 0.00	87.63 -3.39 0.00	88.07 -2.62 0.00	104.79 -0.61 -14.37	134.23 0.33 -72.22	262.02 1.44 -191.91	50.39 1.04 -0.01	48.05 0.64 0.00
SITHE_IND_GS1 24169	41.55 -0.99 1.85	31.86 -0.81 0.00	27.27 -0.70 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.79 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.12 -0.91 0.00	29.68 -0.75 0.00	33.00 -0.82 0.00	47.83 -1.18 0.00	50.99 -1.25 0.81	53.04 -1.30 0.00	43.58 -1.51 16.48	26.19 -1.38 36.69	58.30 -1.61 31.11	30.27 -1.47 58.95	21.45 -1.31 68.28	21.27 -1.04 39.37	21.62 -1.33 45.73	20.04 -1.12 28.18	20.04 -1.10 26.26
SITHE_IND_GS2 24170	41.55 -0.99 1.85	31.86 -0.81 0.00	27.27 -0.70 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.79 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.12 -0.91 0.00	29.68 -0.75 0.00	33.00 -0.82 0.00	47.83 -1.18 0.00	50.99 -1.25 0.81	53.04 -1.30 0.00	43.58 -1.51 16.48	26.19 -1.38 36.69	58.30 -1.61 31.11	30.27 -1.47 58.95	21.45 -1.31 68.28	21.27 -1.04 39.37	21.62 -1.33 45.73	20.04 -1.12 28.18	20.04 -1.10 26.26
SITHE_IND_GS3 24171	41.55 -0.99 1.85	31.86 -0.81 0.00	27.27 -0.70 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.79 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.12 -0.91 0.00	29.68 -0.75 0.00	33.00 -0.82 0.00	47.83 -1.18 0.00	50.99 -1.25 0.81	53.04 -1.30 0.00	43.58 -1.51 16.48	26.19 -1.38 36.69	58.30 -1.61 31.11	30.27 -1.47 58.95	21.45 -1.31 68.28	21.27 -1.04 39.37	21.62 -1.33 45.73	20.04 -1.12 28.18	20.04 -1.10 26.26
SITHE_IND_GS4 24172	41.55 -0.99 1.85	31.86 -0.81 0.00	27.27 -0.70 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.79 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.12 -0.91 0.00	29.68 -0.75 0.00	33.00 -0.82 0.00	47.83 -1.18 0.00	50.99 -1.25 0.81	53.04 -1.30 0.00	43.58 -1.51 16.48	26.19 -1.38 36.69	58.30 -1.61 31.11	30.27 -1.47 58.95	21.45 -1.31 68.28	21.27 -1.04 39.37	21.62 -1.33 45.73	20.04 -1.12 28.18	20.04 -1.10 26.26

SITHE___BATAVIA 24024	46.84 2.46 0.00	33.90 1.24 0.00	28.87 0.89 0.00	30.30 0.69 0.00	30.52 0.65 0.00	30.75 0.75 0.00	31.64 0.71 0.00	31.05 0.52 0.00	28.41 0.74 0.00	36.48 1.46 0.00	31.64 1.22 0.00	35.27 1.45 0.00	51.23 2.22 0.00	55.27 2.23 0.00	56.47 2.13 0.00	62.85 1.28 0.00	65.65 1.39 0.00	93.52 2.49 0.00	94.49 3.81 0.00	96.43 5.39 0.00	112.27 2.94 -47.64	71.92 3.24 0.00	51.66 2.32 0.00	49.53 2.13 0.00
SITHE___INDEPEND 23800	41.55 -0.99 1.85	31.86 -0.81 0.00	27.27 -0.71 0.00	28.85 -0.76 0.00	29.07 -0.80 0.00	29.22 -0.79 0.00	30.09 -0.84 0.00	29.64 -0.89 0.00	26.92 -0.76 0.00	34.12 -0.91 0.00	29.68 -0.76 0.00	33.00 -0.82 0.00	47.83 -1.18 0.00	50.99 -1.25 0.81	53.04 -1.30 0.00	43.58 -1.51 16.48	26.19 -1.38 36.69	58.29 -1.62 31.11	30.27 -1.47 58.95	21.46 -1.30 68.28	21.27 -1.04 39.37	21.62 -1.33 45.73	20.04 -1.12 28.18	20.04 -1.10 26.26
SITHE___MASSENA 23902	44.13 -0.25 0.00	32.52 -0.14 0.00	27.84 -0.14 0.00	29.40 -0.21 0.00	29.69 -0.17 0.00	29.84 -0.16 0.00	30.89 -0.04 0.00	30.64 0.11 0.00	27.82 0.14 0.00	35.33 0.31 0.00	30.60 0.17 0.00	34.07 0.24 0.00	49.37 0.36 0.00	53.41 0.36 0.00	54.46 0.12 0.00	61.36 -0.21 0.00	63.24 -1.02 0.00	87.82 -3.21 0.00	87.79 -2.89 0.00	110.46 -1.62 -21.04	135.54 -0.66 -74.52	92.76 0.14 -23.93	49.75 0.40 -0.01	47.67 0.27 0.00
SITHE___OGDNSBRG 24021	45.02 0.63 0.00	33.14 0.48 0.00	28.36 0.38 0.00	29.93 0.31 0.00	30.23 0.36 0.00	30.38 0.37 0.00	31.42 0.49 0.00	31.13 0.61 0.00	28.18 0.51 0.00	35.55 0.52 0.00	30.88 0.45 0.00	34.34 0.51 0.00	49.59 0.58 0.00	53.66 0.62 0.00	54.62 0.27 0.00	61.52 -0.05 0.00	63.40 -0.86 0.00	87.90 -3.12 0.00	88.41 -2.27 0.00	108.14 0.15 -16.96	144.27 1.13 -81.45	266.36 2.38 -195.30	51.20 1.85 -0.01	48.90 1.50 0.00
SITHE___STERLING 23777	45.80 1.41 0.00	33.60 0.93 0.00	28.72 0.73 0.00	30.36 0.75 0.00	30.60 0.73 0.00	30.74 0.73 0.00	31.63 0.70 0.00	31.10 0.57 0.00	28.18 0.50 0.00	35.72 0.69 0.00	31.09 0.66 0.00	34.57 0.74 0.00	50.38 1.38 0.00	54.58 1.54 0.00	55.80 1.46 0.00	63.38 1.80 0.00	66.50 2.25 0.00	94.91 3.88 0.00	95.13 4.44 0.00	96.92 5.07 -0.81	69.15 3.37 -4.09	83.05 3.49 -10.88	51.28 1.94 0.00	48.99 1.59 0.00
SLEIGHT__34_KV_TB1 80719	45.29 0.83 -0.07	32.99 0.32 0.00	28.14 0.16 0.00	29.67 0.06 0.00	29.88 0.01 0.00	30.05 0.05 0.00	30.97 0.04 0.00	30.42 -0.10 0.00	27.76 0.09 0.00	35.42 0.40 0.00	30.85 0.42 0.00	34.39 0.56 0.00	49.92 0.92 0.00	54.13 1.05 -0.03	55.32 0.98 0.00	62.93 0.69 -0.66	66.74 1.00 -1.48	94.13 1.86 -1.25	95.53 2.47 -2.38	97.07 3.29 -2.75	65.05 1.78 -1.58	72.33 1.81 -1.84	51.53 1.05 -1.14	49.32 0.86 -1.06
SMITHTWN_69_KV_BK 1 55830	48.25 3.87 0.00	35.39 2.73 0.00	30.13 2.15 0.00	31.78 2.17 0.00	31.72 1.86 0.00	31.80 1.79 0.00	32.52 1.59 0.00	31.89 1.37 0.00	29.37 1.70 0.00	36.98 1.95 0.00	31.86 1.43 0.00	32.45 1.68 3.06	46.56 2.65 5.11	54.02 2.94 1.97	57.38 3.04 0.00	65.68 4.10 -0.01	69.80 5.53 0.00	280.14 9.44 -179.68	319.27 8.40 -220.18	152.40 6.78 -54.59	65.75 4.06 0.00	72.17 3.62 0.12	49.85 2.23 1.71	50.07 2.67 0.00
SOUTH CAIRO___GT 23612	46.74 2.36 0.00	34.54 1.87 0.00	29.68 1.70 0.00	31.45 1.84 0.00	31.70 1.84 0.00	31.81 1.81 0.00	32.69 1.76 0.00	32.12 1.60 0.00	29.00 1.32 0.00	36.15 1.12 0.00	31.17 0.74 0.00	34.60 0.77 0.00	50.12 1.11 0.00	54.27 1.22 0.00	56.18 1.84 0.00	63.97 2.40 0.00	67.16 2.90 0.00	96.65 5.63 0.00	96.82 6.14 0.00	97.27 6.24 0.00	65.98 4.30 0.00	72.88 4.20 0.00	51.77 2.43 0.00	49.56 2.16 0.00
SOUTH HAMPTN___IC 23720	48.41 4.02 0.00	35.46 2.79 0.00	30.14 2.16 0.00	31.77 2.15 0.00	31.69 1.83 0.00	31.74 1.73 0.00	32.48 1.55 0.00	31.90 1.38 0.00	29.46 1.79 0.00	37.16 2.13 0.00	32.07 1.64 0.00	34.33 2.03 1.53	49.63 3.17 2.55	55.56 3.51 0.98	57.97 3.63 0.00	66.40 4.82 0.00	70.85 6.58 0.00	212.47 10.83 -110.61	231.25 9.58 -130.98	127.98 7.88 -29.07	66.39 4.71 0.00	72.77 4.14 0.05	50.08 2.53 1.79	50.20 2.80 0.00
SOUTHDOWN_115KV_TB1 355954	46.39 2.00 0.00	33.33 0.66 0.00	28.38 0.40 0.00	29.87 0.26 0.00	30.08 0.21 0.00	30.36 0.36 0.00	31.14 0.21 0.00	30.61 0.09 0.00	28.31 0.64 0.00	36.57 1.54 0.00	31.80 1.37 0.00	35.49 1.67 0.00	51.65 2.64 0.00	55.77 2.72 0.00	56.56 2.22 0.00	63.18 1.61 0.00	66.28 2.02 0.00	95.08 4.06 0.00	95.61 4.93 0.00	95.90 4.86 0.00	63.87 2.18 0.00	70.36 1.68 0.00	50.26 0.93 0.00	48.15 0.75 0.00
SOUTHOLD_69_KV_BK 2 55809	48.54 4.16 0.00	35.52 2.85 0.00	30.16 2.18 0.00	31.77 2.16 0.00	31.67 1.80 0.00	31.69 1.68 0.00	32.44 1.51 0.00	31.89 1.37 0.00	29.57 1.90 0.00	37.34 2.31 0.00	32.24 1.81 0.00	34.65 2.35 1.53	50.14 3.68 2.55	56.07 4.02 0.99	58.54 4.20 0.00	67.07 5.49 0.00	71.71 7.45 0.00	213.51 11.81 -110.67	230.66 8.94 -131.05	128.26 8.15 -29.07	66.86 5.17 0.00	73.34 4.71 0.05	50.43 2.88 1.79	50.46 3.06 0.00
SOUTHOLD___IC 23719	48.54 4.16 0.00	35.52 2.85 0.00	30.16 2.18 0.00	31.77 2.16 0.00	31.67 1.80 0.00	31.69 1.69 0.00	32.44 1.51 0.00	31.90 1.37 0.00	29.57 1.90 0.00	37.34 2.31 0.00	32.23 1.81 0.00	34.65 2.35 1.53	50.13 3.68 2.55	56.08 4.02 0.99	58.54 4.19 0.00	67.07 5.49 0.00	71.70 7.44 0.00	213.43 11.73 -110.67	230.66 8.94 -131.05	128.26 8.15 -29.07	66.86 5.18 0.00	73.34 4.71 0.05	50.43 2.89 1.79	50.46 3.06 0.00
SOUTH_FORK_WT_PWR 323839	47.94 3.56 0.00	35.09 2.42 0.00	29.79 1.81 0.00	31.37 1.75 0.00	31.26 1.39 0.00	31.28 1.27 0.00	32.02 1.09 0.00	31.47 0.94 0.00	29.20 1.53 0.00	36.84 1.81 0.00	31.75 1.32 0.00	34.17 1.87 1.53	49.43 2.97 2.55	55.24 3.18 0.99	57.68 3.34 0.00	66.08 4.50 0.00	70.77 6.51 0.00	212.31 10.64 -110.64	230.44 8.74 -131.01	127.43 7.33 -29.07	65.93 4.24 0.00	72.43 3.79 0.05	49.78 2.24 1.79	49.84 2.44 0.00
SPIERFLS_115KV_TB 1 80737	46.79 2.41 0.00	34.44 1.78 0.00	29.45 1.47 0.00	31.14 1.52 0.00	31.39 1.52 0.00	31.49 1.48 0.00	32.42 1.49 0.00	31.89 1.37 0.00	28.93 1.25 0.00	36.27 1.24 0.00	31.39 0.96 0.00	34.84 1.01 0.00	50.48 1.48 0.00	54.84 1.79 0.00	56.80 2.45 0.00	65.01 3.43 0.00	68.44 4.18 0.00	98.22 7.19 0.00	98.04 7.35 0.00	97.92 6.88 0.00	66.25 4.56 0.00	72.95 4.28 0.00	51.93 2.59 0.00	49.79 2.39 0.00
ST LAWRENCE____ 23600	43.64 -0.75 0.00	32.16 -0.51 0.00	27.54 -0.44 0.00	29.09 -0.52 0.00	29.38 -0.49 0.00	29.52 -0.49 0.00	30.56 -0.37 0.00	30.32 -0.20 0.00	27.48 -0.19 0.00	34.92 -0.11 0.00	30.23 -0.20 0.00	33.65 -0.18 0.00	48.79 -0.22 0.00	52.78 -0.27 0.00	53.85 -0.49 0.00	60.75 -0.82 0.00	62.72 -1.54 0.00	87.65 -3.38 0.00	87.51 -3.17 0.00	87.09 -2.43 1.50	53.29 -1.37 7.02	52.16 -0.88 15.63	49.02 -0.32 0.00	47.06 -0.34 0.00

STATE_CA_115KV_115_LB 55624	45.20 0.81 0.00	33.55 0.88 0.00	28.88 0.90 0.00	30.62 1.01 0.00	30.85 0.98 0.00	30.95 0.95 0.00	31.81 0.88 0.00	31.25 0.73 0.00	28.33 0.66 0.00	35.51 0.48 0.00	30.69 0.25 0.00	34.04 0.21 0.00	49.25 0.25 0.00	53.29 0.25 0.00	54.93 0.59 0.00	62.55 0.98 0.00	65.76 1.50 0.00	94.22 3.19 0.00	93.64 2.95 0.00	93.27 2.23 0.00	63.16 1.48 0.00	69.69 1.01 0.00	49.75 0.41 0.00	47.88 0.48 0.00
STATE_ST_34_KV_LOAD 55959	45.40 0.85 -0.16	33.19 0.52 0.00	28.36 0.38 0.00	29.94 0.33 0.00	30.22 0.35 0.00	30.36 0.36 0.00	31.27 0.34 0.00	30.64 0.12 0.00	27.91 0.24 0.00	35.40 0.37 0.00	30.82 0.39 0.00	34.17 0.34 0.00	49.59 0.58 0.00	53.80 0.68 -0.07	55.00 0.65 0.00	63.87 0.84 -1.46	68.55 1.04 -3.25	95.97 2.18 -2.76	98.54 2.63 -5.23	100.25 3.17 -6.05	67.29 2.12 -3.49	74.84 2.10 -4.05	52.85 1.01 -2.50	50.55 0.82 -2.33
STATION_5_MISC_HYD 23604	45.72 1.34 0.00	33.27 0.61 0.00	28.38 0.40 0.00	29.86 0.25 0.00	30.07 0.20 0.00	30.27 0.26 0.00	31.17 0.24 0.00	30.66 0.13 0.00	28.05 0.38 0.00	35.96 0.94 0.00	31.30 0.87 0.00	34.93 1.10 0.00	50.68 1.67 0.00	54.84 1.80 0.00	56.02 1.68 0.00	62.78 1.20 0.00	65.70 1.44 0.00	93.39 2.36 0.00	93.66 2.98 0.00	94.89 3.86 0.00	63.62 1.93 0.00	70.76 2.08 0.00	50.74 1.40 0.00	48.67 1.27 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.52 1.07 -0.07	33.10 0.43 0.00	28.23 0.25 0.00	29.75 0.14 0.00	29.96 0.09 0.00	30.17 0.16 0.00	31.07 0.14 0.00	30.55 0.02 0.00	27.89 0.21 0.00	35.62 0.59 0.00	31.01 0.58 0.00	34.57 0.74 0.00	50.19 1.18 0.00	54.36 1.28 -0.03	55.53 1.19 0.00	63.05 0.86 -0.62	66.87 1.23 -1.39	94.38 2.18 -1.18	95.65 2.74 -2.23	97.11 3.50 -2.58	65.03 1.85 -1.49	72.24 1.84 -1.73	51.54 1.14 -1.06	49.37 0.98 -0.99
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.42 1.03 0.00	33.06 0.39 0.00	28.21 0.22 0.00	29.68 0.07 0.00	29.89 0.02 0.00	30.09 0.09 0.00	31.00 0.07 0.00	30.51 -0.02 0.00	27.88 0.21 0.00	35.74 0.71 0.00	31.12 0.69 0.00	34.73 0.90 0.00	50.39 1.38 0.00	54.58 1.53 0.00	55.75 1.40 0.00	62.52 0.94 0.00	65.45 1.19 0.00	93.02 2.00 0.00	93.28 2.60 0.00	94.47 3.44 0.00	63.34 1.65 0.00	70.38 1.70 0.00	50.46 1.12 0.00	48.37 0.97 0.00
STA_56___34_KV_BUS2 355983	45.42 1.03 0.00	33.06 0.39 0.00	28.21 0.22 0.00	29.68 0.07 0.00	29.89 0.02 0.00	30.09 0.09 0.00	31.00 0.07 0.00	30.51 -0.02 0.00	27.88 0.21 0.00	35.74 0.71 0.00	31.12 0.69 0.00	34.73 0.90 0.00	50.39 1.38 0.00	54.58 1.53 0.00	55.75 1.40 0.00	62.52 0.94 0.00	65.45 1.19 0.00	93.02 2.00 0.00	93.28 2.60 0.00	94.47 3.44 0.00	63.34 1.65 0.00	70.38 1.70 0.00	50.46 1.12 0.00	48.37 0.97 0.00
STA_67___115KV_BK2 355882	45.57 1.19 0.00	33.17 0.50 0.00	28.30 0.32 0.00	29.78 0.17 0.00	29.98 0.11 0.00	30.20 0.19 0.00	31.11 0.18 0.00	30.60 0.07 0.00	27.97 0.29 0.00	35.84 0.82 0.00	31.18 0.75 0.00	34.79 0.96 0.00	50.46 1.45 0.00	54.63 1.58 0.00	55.78 1.43 0.00	62.48 0.91 0.00	65.39 1.13 0.00	92.92 1.89 0.00	93.22 2.53 0.00	94.43 3.39 0.00	63.32 1.64 0.00	70.42 1.74 0.00	50.55 1.22 0.00	48.48 1.08 0.00
STA_7___115KV_9TRANS 80674	46.08 1.70 0.00	33.51 0.85 0.00	28.58 0.59 0.00	30.06 0.44 0.00	30.26 0.39 0.00	30.47 0.46 0.00	31.38 0.45 0.00	30.87 0.35 0.00	28.25 0.57 0.00	36.25 1.22 0.00	31.57 1.14 0.00	35.26 1.44 0.00	51.19 2.18 0.00	55.45 2.41 0.00	56.64 2.29 0.00	63.49 1.91 0.00	66.47 2.21 0.00	94.48 3.46 0.00	94.81 4.13 0.00	96.03 4.99 0.00	64.36 2.68 0.00	71.53 2.85 0.00	51.27 1.94 0.00	49.11 1.71 0.00
STA_82___115KV_TB1 80780	45.59 1.21 0.00	33.18 0.51 0.00	28.32 0.33 0.00	29.79 0.18 0.00	29.99 0.12 0.00	30.21 0.20 0.00	31.12 0.19 0.00	30.60 0.08 0.00	27.97 0.30 0.00	35.85 0.82 0.00	31.19 0.76 0.00	34.80 0.97 0.00	50.47 1.47 0.00	54.63 1.59 0.00	55.78 1.43 0.00	62.51 0.93 0.00	65.40 1.14 0.00	92.93 1.91 0.00	93.22 2.54 0.00	94.47 3.44 0.00	63.36 1.68 0.00	70.48 1.81 0.00	50.56 1.23 0.00	48.49 1.09 0.00
STEEL___WIND 323596	45.50 1.12 0.00	32.87 0.20 0.00	28.01 0.03 0.00	29.40 -0.21 0.00	29.59 -0.28 0.00	29.90 -0.10 0.00	30.74 -0.18 0.00	30.17 -0.35 0.00	27.72 0.04 0.00	35.68 0.66 0.00	30.98 0.55 0.00	34.50 0.67 0.00	50.01 1.00 0.00	53.94 0.90 0.00	54.88 0.54 0.00	61.09 -0.48 0.00	63.86 -0.40 0.00	90.94 -0.09 0.00	91.70 1.02 0.00	92.96 1.93 0.00	62.09 0.41 0.00	69.03 0.35 0.00	49.66 0.32 0.00	47.80 0.40 0.00
STEPHTWN_115KV_BK_2 55603	45.42 1.04 0.00	33.68 1.01 0.00	28.96 0.98 0.00	30.68 1.07 0.00	30.92 1.05 0.00	31.03 1.03 0.00	31.89 0.96 0.00	31.32 0.80 0.00	28.47 0.80 0.00	35.65 0.62 0.00	30.85 0.42 0.00	34.29 0.46 0.00	49.46 0.45 0.00	53.43 0.39 0.00	55.03 0.68 0.00	62.72 1.14 0.00	65.99 1.73 0.00	94.76 3.73 0.00	94.25 3.56 0.00	93.74 2.70 0.00	63.35 1.67 0.00	69.95 1.27 0.00	49.87 0.53 0.00	47.92 0.52 0.00
STEUBEN_REC_LFGE 323667	46.12 1.74 0.00	33.08 0.41 0.00	28.02 0.03 0.00	29.46 -0.15 0.00	29.71 -0.16 0.00	30.05 0.05 0.00	31.05 0.12 0.00	30.37 -0.15 0.00	27.76 0.08 0.00	35.50 0.47 0.00	30.73 0.30 0.00	34.10 0.27 0.00	49.57 0.56 0.00	53.40 0.36 0.00	54.27 -0.07 0.00	60.69 -0.89 0.00	64.06 -0.20 0.00	91.97 0.94 0.00	92.87 2.18 0.00	94.69 3.65 0.00	63.68 2.00 0.00	70.07 1.39 0.00	49.86 0.52 0.00	47.57 0.17 0.00
STILLWATER___SOLAR 323814	46.53 2.15 0.00	34.30 1.63 0.00	29.36 1.38 0.00	31.10 1.48 0.00	31.35 1.48 0.00	31.44 1.43 0.00	32.34 1.41 0.00	31.78 1.26 0.00	28.78 1.11 0.00	36.11 1.08 0.00	31.33 0.90 0.00	34.76 0.93 0.00	50.35 1.34 0.00	54.62 1.57 0.00	56.50 2.16 0.00	64.48 2.91 0.00	67.79 3.53 0.00	97.32 6.30 0.00	96.95 6.27 0.00	96.79 5.76 0.00	65.58 3.90 0.00	72.30 3.61 0.00	51.56 2.22 0.00	49.53 2.13 0.00
STONY___BROOK 24151	48.21 3.82 0.00	35.36 2.70 0.00	30.11 2.12 0.00	31.76 2.15 0.00	31.69 1.83 0.00	31.78 1.77 0.00	32.51 1.58 0.00	31.89 1.36 0.00	29.35 1.68 0.00	36.94 1.92 0.00	31.83 1.41 0.00	33.21 1.65 2.27	47.81 2.60 3.80	54.42 2.84 1.47	57.24 2.90 0.00	65.49 3.91 -0.01	69.48 5.21 0.00	242.15 8.87 -142.25	269.96 7.90 -171.38	137.52 6.17 -40.32	65.38 3.70 0.00	71.91 3.31 0.08	49.66 2.05 1.73	49.93 2.53 0.00
STURGEON_POOL_HYD 23609	46.72 2.33 0.00	34.41 1.75 0.00	29.44 1.46 0.00	31.15 1.53 0.00	31.30 1.43 0.00	31.41 1.41 0.00	32.24 1.31 0.00	31.70 1.18 0.00	28.90 1.22 0.00	36.40 1.38 0.00	31.82 1.39 0.00	35.36 1.53 0.00	51.16 2.15 0.00	55.37 2.33 0.00	56.76 2.41 0.00	64.75 3.18 0.00	68.59 4.33 0.00	98.51 7.49 0.00	97.69 7.01 0.00	96.96 5.93 0.00	65.43 3.74 0.00	71.80 3.12 0.00	51.21 1.88 0.00	49.37 1.97 0.00

ST_LAW_115_BK7_LBMP 345037	43.63 -0.76 0.00	32.15 -0.52 0.00	27.53 -0.45 0.00	29.08 -0.53 0.00	29.37 -0.50 0.00	29.52 -0.49 0.00	30.56 -0.37 0.00	30.32 -0.20 0.00	27.48 -0.19 0.00	34.92 -0.11 0.00	30.23 -0.20 0.00	33.65 -0.18 0.00	48.79 -0.22 0.00	52.77 -0.27 0.00	53.84 -0.50 0.00	60.70 -0.87 0.00	62.65 -1.61 0.00	87.41 -3.62 0.00	87.27 -3.42 0.00	86.49 -2.59 1.96	51.60 -1.43 8.65	51.56 -0.88 16.24	49.01 -0.32 0.00	47.06 -0.34 0.00
ST_LAW_115_BK8_LBMP 345038	43.63 -0.76 0.00	32.15 -0.52 0.00	27.53 -0.45 0.00	29.08 -0.53 0.00	29.37 -0.50 0.00	29.52 -0.49 0.00	30.56 -0.37 0.00	30.32 -0.20 0.00	27.48 -0.19 0.00	34.92 -0.11 0.00	30.23 -0.20 0.00	33.65 -0.18 0.00	48.79 -0.22 0.00	52.77 -0.27 0.00	53.84 -0.50 0.00	60.70 -0.87 0.00	62.65 -1.61 0.00	87.41 -3.62 0.00	87.27 -3.42 0.00	86.49 -2.59 1.96	51.60 -1.43 8.65	51.56 -0.88 16.24	49.01 -0.32 0.00	47.06 -0.34 0.00
ST_LAW_230_BK5_LBMP 345035	43.64 -0.75 0.00	32.16 -0.51 0.00	27.54 -0.44 0.00	29.09 -0.52 0.00	29.38 -0.49 0.00	29.52 -0.49 0.00	30.56 -0.37 0.00	30.32 -0.20 0.00	27.48 -0.19 0.00	34.92 -0.11 0.00	30.23 -0.20 0.00	33.65 -0.18 0.00	48.79 -0.22 0.00	52.78 -0.27 0.00	53.85 -0.49 0.00	60.75 -0.82 0.00	62.72 -1.54 0.00	87.65 -3.38 0.00	87.51 -3.17 0.00	87.46 -2.43 1.13	54.61 -1.37 5.70	52.64 -0.88 15.15	49.02 -0.32 0.00	47.06 -0.34 0.00
ST_LAW_230_BK6_LBMP 345036	43.64 -0.75 0.00	32.16 -0.51 0.00	27.54 -0.44 0.00	29.09 -0.52 0.00	29.38 -0.49 0.00	29.52 -0.49 0.00	30.56 -0.37 0.00	30.32 -0.20 0.00	27.48 -0.19 0.00	34.92 -0.11 0.00	30.23 -0.20 0.00	33.65 -0.18 0.00	48.79 -0.22 0.00	52.78 -0.27 0.00	53.85 -0.49 0.00	60.75 -0.82 0.00	62.72 -1.54 0.00	87.65 -3.38 0.00	87.51 -3.17 0.00	87.46 -2.43 1.13	54.61 -1.37 5.70	52.64 -0.88 15.15	49.02 -0.32 0.00	47.06 -0.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.57 2.19 0.00	34.32 1.66 0.00	29.35 1.37 0.00	31.04 1.43 0.00	31.18 1.32 0.00	31.31 1.31 0.00	32.12 1.19 0.00	31.56 1.03 0.00	28.79 1.12 0.00	36.26 1.24 0.00	31.66 1.23 0.00	35.15 1.32 0.00	50.84 1.83 0.00	54.95 1.91 0.00	56.37 2.02 0.00	64.22 2.65 0.00	67.97 3.71 0.00	97.51 6.48 0.00	96.70 6.02 0.00	96.02 4.99 0.00	64.81 3.13 0.00	71.16 2.49 0.00	50.83 1.49 0.00	49.03 1.63 0.00
SWANROAD_115KV_TB1 355699	44.87 0.48 0.00	32.47 -0.19 0.00	27.67 -0.31 0.00	29.01 -0.60 0.00	29.25 -0.62 0.00	29.51 -0.49 0.00	30.37 -0.56 0.00	29.83 -0.69 0.00	27.31 -0.36 0.00	35.16 0.13 0.00	30.46 0.03 0.00	33.90 0.07 0.00	48.94 -0.07 0.00	52.76 -0.28 0.00	53.72 -0.63 0.00	59.42 -2.15 0.00	61.98 -2.28 0.00	87.70 -3.32 0.00	88.41 -2.27 0.00	89.94 -1.09 0.00	60.09 -1.59 0.00	67.04 -1.64 0.00	48.60 -0.73 0.00	46.90 -0.51 0.00
SYNERGY___BIOGAS 323694	46.84 2.46 0.00	33.90 1.24 0.00	28.87 0.89 0.00	30.30 0.69 0.00	30.52 0.65 0.00	30.76 0.76 0.00	31.67 0.74 0.00	31.08 0.56 0.00	28.41 0.74 0.00	36.48 1.46 0.00	31.64 1.22 0.00	35.28 1.45 0.00	51.23 2.22 0.00	55.29 2.25 0.00	56.47 2.13 0.00	62.85 1.28 0.00	65.66 1.40 0.00	93.49 2.46 0.00	94.50 3.81 0.00	96.42 5.39 0.00	112.27 2.95 -47.64	71.93 3.25 0.00	51.68 2.34 0.00	49.53 2.14 0.00
SYRACUSE___ENERGY_ST1 323597	44.96 0.36 -0.21	32.78 0.12 0.00	28.02 0.04 0.00	29.64 0.03 0.00	29.87 0.00 0.00	30.02 0.01 0.00	30.89 -0.04 0.00	30.39 -0.13 0.00	27.63 -0.05 0.00	35.05 0.02 0.00	30.52 0.09 0.00	33.96 0.13 0.00	49.29 0.28 0.00	53.50 0.36 -0.09	54.68 0.34 0.00	63.87 0.41 -1.88	69.21 0.75 -4.19	96.23 1.65 -3.55	99.24 1.82 -6.74	100.86 2.02 -7.80	67.83 1.14 -5.01	79.08 1.00 -9.41	52.97 0.42 -3.22	50.73 0.33 -3.00
SYRACUSE___ENERGY_ST2 323598	44.96 0.36 -0.21	32.78 0.12 0.00	28.02 0.04 0.00	29.64 0.03 0.00	29.87 0.00 0.00	30.02 0.01 0.00	30.89 -0.04 0.00	30.39 -0.13 0.00	27.63 -0.05 0.00	35.05 0.02 0.00	30.52 0.09 0.00	33.96 0.13 0.00	49.29 0.28 0.00	53.50 0.36 -0.09	54.68 0.34 0.00	63.87 0.41 -1.88	69.21 0.75 -4.19	96.23 1.65 -3.55	99.24 1.82 -6.74	100.86 2.02 -7.80	67.83 1.14 -5.01	79.08 1.00 -9.41	52.97 0.42 -3.22	50.73 0.33 -3.00
SYRACUSE___POWER 24017	44.83 0.38 -0.07	32.79 0.13 0.00	28.04 0.06 0.00	29.65 0.04 0.00	29.87 0.00 0.00	30.02 0.02 0.00	30.88 -0.04 0.00	30.40 -0.13 0.00	27.62 -0.06 0.00	35.03 0.00 0.00	30.51 0.08 0.00	33.97 0.14 0.00	49.32 0.31 0.00	53.48 0.41 -0.03	54.72 0.38 0.00	62.64 0.47 -0.59	66.44 0.85 -1.32	93.97 1.82 -1.12	94.81 2.00 -2.13	95.66 2.17 -2.46	64.82 1.18 -1.96	75.77 1.01 -6.08	50.78 0.43 -1.02	48.71 0.37 -0.95
TALLMAN_138KV_BK151 55660	46.86 2.47 0.00	34.54 1.87 0.00	29.52 1.54 0.00	31.23 1.61 0.00	31.33 1.47 0.00	31.47 1.46 0.00	32.26 1.34 0.00	31.67 1.15 0.00	28.95 1.28 0.00	36.44 1.42 0.00	31.84 1.41 0.00	35.33 1.50 0.00	51.12 2.11 0.00	55.27 2.22 0.00	56.66 2.32 0.00	64.58 3.00 0.00	68.44 4.18 0.00	98.16 7.13 0.00	97.30 6.61 0.00	96.47 5.44 0.00	65.09 3.41 0.00	71.38 2.70 0.00	50.99 1.65 0.00	49.23 1.83 0.00
TEALLAVE_115KV_TB7 355573	44.60 0.15 -0.06	32.64 -0.02 0.00	27.91 -0.08 0.00	29.51 -0.10 0.00	29.73 -0.14 0.00	29.88 -0.12 0.00	30.75 -0.18 0.00	30.27 -0.26 0.00	27.50 -0.18 0.00	34.91 -0.12 0.00	30.40 -0.03 0.00	33.84 0.01 0.00	49.12 0.11 0.00	53.23 0.16 -0.03	54.48 0.13 0.00	62.30 0.16 -0.56	66.02 0.51 -1.25	93.37 1.29 -1.06	94.18 1.49 -2.01	94.93 1.57 -2.33	64.42 0.78 -1.95	75.85 0.58 -6.59	50.45 0.15 -0.96	48.40 0.11 -0.90
TELGRAPH_34_KV_EAST 80808	45.83 1.45 0.00	33.18 0.51 0.00	28.27 0.29 0.00	29.65 0.04 0.00	29.88 0.01 0.00	30.14 0.13 0.00	31.03 0.10 0.00	30.45 -0.07 0.00	27.89 0.22 0.00	35.87 0.84 0.00	31.10 0.67 0.00	34.63 0.80 0.00	50.11 1.10 0.00	54.02 0.97 0.00	55.06 0.72 0.00	61.12 -0.46 0.00	63.82 -0.44 0.00	90.56 -0.46 0.00	91.41 0.73 0.00	92.99 1.96 0.00	62.24 0.55 0.00	69.36 0.68 0.00	50.06 0.72 0.00	48.15 0.75 0.00
TEMPLE___115KV_TB 2 55572	44.62 0.18 -0.05	32.65 -0.02 0.00	27.92 -0.06 0.00	29.52 -0.09 0.00	29.74 -0.13 0.00	29.89 -0.12 0.00	30.76 -0.17 0.00	30.27 -0.25 0.00	27.51 -0.16 0.00	34.92 -0.11 0.00	30.41 -0.02 0.00	33.85 0.03 0.00	49.13 0.12 0.00	53.25 0.19 -0.02	54.50 0.16 0.00	62.21 0.19 -0.45	65.82 0.56 -1.00	93.23 1.35 -0.85	93.83 1.53 -1.61	94.52 1.62 -1.87	64.16 0.80 -1.68	75.45 0.60 -6.17	50.27 0.16 -0.77	48.25 0.13 -0.72
TIANA___69_KV_BK 1 55817	48.40 4.02 0.00	35.45 2.79 0.00	30.15 2.16 0.00	31.78 2.17 0.00	31.71 1.84 0.00	31.76 1.75 0.00	32.50 1.57 0.00	31.91 1.39 0.00	29.46 1.79 0.00	37.14 2.11 0.00	32.05 1.62 0.00	34.28 1.98 1.53	49.56 3.10 2.55	55.49 3.43 0.99	57.90 3.56 0.00	66.33 4.75 0.00	70.72 6.46 0.00	212.44 10.75 -110.66	231.18 9.47 -131.03	127.86 7.76 -29.07	66.33 4.65 0.00	72.71 4.08 0.05	50.04 2.50 1.79	50.19 2.79 0.00

TILDEN___115KV_TB1 80814	44.83 0.38 -0.07	32.79 0.13 0.00	28.04 0.06 0.00	29.65 0.04 0.00	29.87 0.00 0.00	30.02 0.02 0.00	30.88 -0.04 0.00	30.40 -0.13 0.00	27.62 -0.06 0.00	35.03 0.00 0.00	30.51 0.08 0.00	33.97 0.14 0.00	49.32 0.31 0.00	53.48 0.41 -0.03	54.72 0.38 0.00	62.64 0.47 -0.59	66.44 0.85 -1.32	93.97 1.82 -1.12	94.81 2.00 -2.13	95.66 2.17 -2.46	64.82 1.18 -1.96	75.77 1.01 -6.08	50.78 0.43 -1.02	48.71 0.37 -0.95
TRIGEN___CC 323695	47.48 3.09 0.00	34.89 2.22 0.00	29.76 1.78 0.00	31.44 1.83 0.00	31.47 1.60 0.00	31.58 1.57 0.00	32.34 1.41 0.00	31.76 1.24 0.00	29.13 1.46 0.00	36.63 1.61 0.00	31.79 1.36 0.00	35.37 1.54 0.00	51.27 2.27 0.00	55.50 2.46 0.00	56.90 2.56 0.00	65.00 3.42 0.00	69.00 4.74 0.00	99.09 8.06 0.00	97.82 7.14 0.00	96.82 5.78 0.00	65.29 3.60 0.00	71.70 3.02 0.00	59.00 1.87 -7.79	49.60 2.20 0.00
TRINITY___115KV__4 BK 55933	44.97 0.58 0.00	33.39 0.72 0.00	28.75 0.77 0.00	30.49 0.88 0.00	30.72 0.86 0.00	30.82 0.82 0.00	31.67 0.74 0.00	31.12 0.59 0.00	28.20 0.53 0.00	35.34 0.31 0.00	30.51 0.08 0.00	33.83 0.00 0.00	48.91 -0.10 0.00	52.90 -0.15 0.00	54.50 0.16 0.00	62.07 0.49 0.00	65.28 1.02 0.00	93.52 2.49 0.00	92.92 2.24 0.00	92.49 1.46 0.00	62.68 0.99 0.00	69.17 0.49 0.00	49.40 0.06 0.00	47.56 0.15 0.00
UNION___PROCESSING_DRP 323587	45.60 1.22 0.00	33.19 0.52 0.00	28.32 0.34 0.00	29.80 0.18 0.00	30.00 0.13 0.00	30.21 0.20 0.00	31.13 0.20 0.00	30.61 0.09 0.00	27.97 0.30 0.00	35.86 0.83 0.00	31.20 0.77 0.00	34.81 0.98 0.00	50.49 1.48 0.00	54.64 1.60 0.00	55.80 1.45 0.00	62.53 0.96 0.00	65.42 1.16 0.00	92.97 1.94 0.00	93.29 2.61 0.00	94.52 3.49 0.00	63.38 1.69 0.00	70.49 1.81 0.00	50.58 1.25 0.00	48.51 1.11 0.00
UPPER HUDSON___HYD 24058	46.79 2.41 0.00	34.44 1.77 0.00	29.45 1.47 0.00	31.14 1.52 0.00	31.39 1.52 0.00	31.49 1.48 0.00	32.42 1.49 0.00	31.89 1.37 0.00	28.93 1.25 0.00	36.27 1.24 0.00	31.39 0.96 0.00	34.84 1.01 0.00	50.49 1.48 0.00	54.84 1.79 0.00	56.80 2.46 0.00	65.00 3.43 0.00	68.44 4.18 0.00	98.22 7.19 0.00	98.04 7.35 0.00	97.92 6.88 0.00	66.25 4.56 0.00	72.95 4.28 0.00	51.93 2.59 0.00	49.79 2.39 0.00
UPPER RAQUET___HYD 24056	44.34 -0.05 0.00	32.65 -0.01 0.00	27.93 -0.05 0.00	29.49 -0.13 0.00	29.77 -0.10 0.00	29.93 -0.08 0.00	30.97 0.04 0.00	30.70 0.18 0.00	27.89 0.22 0.00	35.38 0.36 0.00	30.66 0.23 0.00	34.11 0.28 0.00	49.38 0.37 0.00	53.34 0.30 0.00	54.34 0.00 0.00	61.29 -0.28 0.00	63.22 -1.04 0.00	87.63 -3.39 0.00	88.07 -2.62 0.00	104.79 -0.61 -14.37	134.23 0.32 -72.22	262.02 1.44 -191.91	50.39 1.04 -0.01	48.05 0.65 0.00
VALLEY44_115KV_TB2 355964	45.42 1.03 0.00	32.86 0.19 0.00	28.00 0.02 0.00	29.49 -0.12 0.00	29.72 -0.15 0.00	30.03 0.02 0.00	30.85 -0.08 0.00	30.18 -0.34 0.00	27.69 0.02 0.00	35.49 0.46 0.00	30.71 0.28 0.00	34.08 0.25 0.00	49.49 0.48 0.00	53.40 0.36 0.00	54.11 -0.24 0.00	60.39 -1.18 0.00	63.42 -0.84 0.00	90.67 -0.35 0.00	90.99 0.30 0.00	91.19 0.16 0.00	61.14 -0.54 0.00	68.01 -0.67 0.00	48.90 -0.44 0.00	47.06 -0.34 0.00
VALLEY___115KV_TB 1-4 80826	45.22 0.84 0.00	33.29 0.62 0.00	28.56 0.58 0.00	30.29 0.68 0.00	30.55 0.69 0.00	30.65 0.65 0.00	31.47 0.55 0.00	30.79 0.26 0.00	27.75 0.08 0.00	34.81 -0.22 0.00	30.23 -0.19 0.00	33.60 -0.22 0.00	48.74 -0.27 0.00	53.08 0.04 0.00	54.72 0.38 0.00	62.19 0.61 0.00	65.24 0.98 0.00	93.76 2.74 0.00	93.61 2.92 0.00	94.05 3.02 0.00	63.85 2.16 0.00	70.49 1.81 0.00	50.16 0.82 0.00	48.07 0.67 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.54 2.16 0.00	34.17 1.50 0.00	29.24 1.26 0.00	30.97 1.36 0.00	31.18 1.32 0.00	31.34 1.34 0.00	32.24 1.31 0.00	31.74 1.22 0.00	28.84 1.16 0.00	36.61 1.59 0.00	31.94 1.51 0.00	35.50 1.67 0.00	51.45 2.44 0.00	55.66 2.61 0.00	56.97 2.63 0.00	64.65 3.07 0.00	67.95 3.69 0.00	96.98 5.96 0.00	96.54 5.85 0.00	96.51 5.48 0.00	65.10 3.41 0.00	71.93 3.26 0.00	51.37 2.04 0.00	49.31 1.91 0.00
VISCHER___FERRY HYD 24020	45.78 1.39 0.00	33.84 1.17 0.00	29.00 1.01 0.00	30.75 1.14 0.00	30.99 1.12 0.00	31.09 1.08 0.00	31.96 1.03 0.00	31.40 0.88 0.00	28.46 0.78 0.00	35.68 0.65 0.00	30.96 0.53 0.00	34.34 0.51 0.00	49.66 0.65 0.00	53.81 0.77 0.00	55.60 1.25 0.00	63.36 1.79 0.00	66.65 2.39 0.00	95.56 4.54 0.00	94.97 4.28 0.00	94.56 3.53 0.00	64.12 2.43 0.00	70.70 2.02 0.00	50.50 1.16 0.00	48.61 1.21 0.00
V_A_10_SYNC_DSASP 323832	44.99 0.60 0.00	32.70 0.03 0.00	27.92 -0.07 0.00	29.34 -0.28 0.00	29.55 -0.32 0.00	29.80 -0.21 0.00	30.71 -0.22 0.00	30.15 -0.38 0.00	27.60 -0.08 0.00	35.44 0.41 0.00	30.73 0.30 0.00	34.21 0.38 0.00	49.50 0.49 0.00	53.47 0.43 0.00	54.44 0.10 0.00	60.61 -0.97 0.00	63.32 -0.94 0.00	89.68 -1.34 0.00	90.04 -0.64 0.00	91.48 0.44 0.00	61.18 -0.50 0.00	68.29 -0.39 0.00	49.28 -0.06 0.00	47.47 0.07 0.00
V_CMM_10_SYNC_DSASP 323787	43.86 -0.52 0.00	32.33 -0.34 0.00	27.69 -0.29 0.00	29.23 -0.38 0.00	29.53 -0.34 0.00	29.67 -0.33 0.00	30.72 -0.20 0.00	30.48 -0.04 0.00	27.63 -0.04 0.00	35.11 0.08 0.00	30.39 -0.04 0.00	33.84 0.02 0.00	49.05 0.04 0.00	53.06 0.02 0.00	54.13 -0.22 0.00	61.00 -0.57 0.00	62.96 -1.30 0.00	87.89 -3.13 0.00	87.58 -3.10 0.00	86.68 -2.39 1.96	51.90 -1.13 8.65	51.89 -0.55 16.24	49.09 -0.24 0.00	47.29 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	43.67 -0.72 0.00	32.25 -0.42 0.00	27.66 -0.33 0.00	29.15 -0.46 0.00	29.52 -0.35 0.00	29.69 -0.31 0.00	30.79 -0.14 0.00	30.47 -0.05 0.00	27.66 -0.02 0.00	34.97 -0.06 0.00	30.11 -0.32 0.00	33.53 -0.30 0.00	48.63 -0.38 0.00	52.43 -0.61 0.00	52.87 -1.48 0.00	59.42 -2.15 0.00	61.27 -2.99 0.00	85.82 -5.20 0.00	86.01 -4.67 0.00	87.81 -3.23 0.00	56.00 -1.86 3.82	35.73 -1.48 31.47	48.64 -0.70 0.00	46.89 -0.51 0.00
V_D_10_SYNC_DSASP 323841	44.13 -0.25 0.00	32.52 -0.14 0.00	27.84 -0.14 0.00	29.40 -0.21 0.00	29.69 -0.17 0.00	29.84 -0.16 0.00	30.89 -0.04 0.00	30.64 0.11 0.00	27.82 0.14 0.00	35.32 0.30 0.00	30.60 0.17 0.00	34.06 0.23 0.00	49.37 0.36 0.00	53.40 0.36 0.00	54.46 0.12 0.00	61.36 -0.21 0.00	63.25 -1.01 0.00	87.85 -3.17 0.00	87.81 -2.87 0.00	110.55 -1.62 -21.14	134.84 -0.67 -73.83	84.35 0.12 -15.55	49.75 0.39 -0.01	47.67 0.27 0.00
V_E_10_SYNC_DSASP 323830	47.17 2.79 0.00	34.62 1.96 0.00	29.68 1.70 0.00	31.31 1.70 0.00	31.50 1.63 0.00	31.66 1.65 0.00	32.58 1.65 0.00	32.17 1.65 0.00	29.32 1.65 0.00	37.39 2.36 0.00	32.56 2.13 0.00	36.11 2.28 0.00	52.32 3.31 0.00	56.56 3.52 0.00	57.96 3.62 0.00	65.36 3.79 0.00	68.97 4.71 0.00	98.98 7.96 0.00	99.46 8.77 0.00	100.97 9.93 0.00	67.74 6.05 0.00	74.10 5.42 0.00	52.45 3.12 0.00	50.16 2.76 0.00

V_F_30_NSYNC___DSASP 323816	46.60 2.22 0.00	34.33 1.66 0.00	29.39 1.41 0.00	31.13 1.52 0.00	31.39 1.52 0.00	31.48 1.48 0.00	32.38 1.45 0.00	31.83 1.31 0.00	28.84 1.16 0.00	36.21 1.18 0.00	31.42 0.99 0.00	34.88 1.05 0.00	50.54 1.54 0.00	54.83 1.78 0.00	56.71 2.36 0.00	64.67 3.10 0.00	68.00 3.74 0.00	97.55 6.52 0.00	97.14 6.46 0.00	97.03 6.00 0.00	65.70 4.01 0.00	72.46 3.78 0.00	51.66 2.32 0.00	49.60 2.21 0.00
V_F_30_SYNC_DSASP 323786	45.20 0.81 0.00	33.54 0.88 0.00	28.88 0.90 0.00	30.61 1.00 0.00	30.85 0.98 0.00	30.95 0.95 0.00	31.80 0.87 0.00	31.25 0.73 0.00	28.33 0.66 0.00	35.51 0.48 0.00	30.68 0.25 0.00	34.03 0.20 0.00	49.25 0.24 0.00	53.29 0.25 0.00	54.91 0.57 0.00	62.55 0.98 0.00	65.76 1.50 0.00	94.21 3.18 0.00	93.64 2.95 0.00	93.23 2.19 0.00	63.16 1.48 0.00	69.68 1.00 0.00	49.75 0.41 0.00	47.87 0.47 0.00
V_XM_10_SYNC_DSASP 323789	43.67 -0.72 0.00	32.25 -0.42 0.00	27.66 -0.33 0.00	29.15 -0.46 0.00	29.52 -0.35 0.00	29.69 -0.31 0.00	30.79 -0.14 0.00	30.47 -0.05 0.00	27.66 -0.02 0.00	34.97 -0.06 0.00	30.11 -0.32 0.00	33.53 -0.30 0.00	48.63 -0.38 0.00	52.43 -0.61 0.00	52.87 -1.48 0.00	59.42 -2.15 0.00	61.27 -2.99 0.00	85.82 -5.20 0.00	86.01 -4.67 0.00	87.81 -3.23 0.00	56.00 -1.86 3.82	35.73 -1.48 31.47	48.64 -0.70 0.00	46.89 -0.51 0.00
W.BABYLN_69_KV_BK1 56697	48.54 4.16 0.00	35.60 2.93 0.00	30.31 2.33 0.00	31.97 2.36 0.00	31.93 2.06 0.00	32.01 2.00 0.00	32.75 1.82 0.00	32.13 1.61 0.00	29.54 1.87 0.00	37.15 2.12 0.00	32.09 1.66 0.00	34.54 1.89 1.18	49.93 2.89 1.98	55.49 3.21 0.76	57.76 3.41 0.00	66.02 4.44 0.00	70.26 6.00 0.00	113.94 10.04 -12.87	115.52 9.03 -15.80	101.83 7.33 -3.46	66.28 4.59 0.00	72.78 4.13 0.03	52.00 2.66 0.00	50.42 3.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.00 2.61 0.00	34.65 1.98 0.00	29.64 1.66 0.00	31.35 1.74 0.00	31.46 1.59 0.00	31.59 1.58 0.00	32.39 1.46 0.00	31.80 1.28 0.00	29.07 1.39 0.00	36.59 1.56 0.00	31.96 1.53 0.00	35.47 1.64 0.00	51.32 2.31 0.00	55.48 2.44 0.00	56.91 2.57 0.00	64.87 3.30 0.00	68.75 4.49 0.00	98.65 7.62 0.00	97.77 7.09 0.00	96.95 5.91 0.00	65.40 3.72 0.00	71.72 3.04 0.00	51.22 1.88 0.00	49.42 2.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.24 2.86 0.00	34.87 2.21 0.00	29.81 1.82 0.00	31.51 1.89 0.00	31.61 1.74 0.00	31.73 1.72 0.00	32.52 1.59 0.00	31.98 1.46 0.00	29.28 1.61 0.00	36.82 1.79 0.00	32.18 1.75 0.00	35.74 1.91 0.00	51.59 2.58 0.00	55.65 2.61 0.00	56.95 2.61 0.00	64.91 3.34 0.00	68.93 4.67 0.00	98.95 7.93 0.00	98.01 7.33 0.00	97.23 6.19 0.00	65.58 3.90 0.00	71.90 3.22 0.00	51.39 2.05 0.00	49.66 2.26 0.00
W50THST__13_KV_LOAD 356117	47.55 3.16 0.00	35.12 2.45 0.00	29.97 1.99 0.00	31.67 2.06 0.00	31.77 1.90 0.00	31.88 1.88 0.00	32.70 1.78 0.00	32.16 1.64 0.00	29.47 1.79 0.00	37.05 2.03 0.00	32.41 1.99 0.00	36.00 2.17 0.00	51.93 2.92 0.00	56.00 2.96 0.00	57.30 2.96 0.00	65.32 3.75 0.00	69.35 5.09 0.00	99.54 8.52 0.00	98.60 7.91 0.00	97.83 6.79 0.00	65.99 4.31 0.00	72.35 3.67 0.00	51.72 2.38 0.00	49.99 2.59 0.00
WADING RIVER_IC_1 23522	47.84 3.45 0.00	35.07 2.40 0.00	29.84 1.85 0.00	31.47 1.85 0.00	31.39 1.53 0.00	31.46 1.45 0.00	32.19 1.26 0.00	31.59 1.06 0.00	29.11 1.43 0.00	36.63 1.60 0.00	31.57 1.14 0.00	33.71 1.39 1.51	48.72 2.23 2.52	54.56 2.49 0.97	56.93 2.59 0.00	65.21 3.63 0.00	69.49 5.22 0.00	210.27 8.93 -110.32	229.26 7.87 -130.71	126.24 6.15 -29.06	65.33 3.65 0.00	71.67 3.04 0.05	49.35 1.81 1.79	49.57 2.17 0.00
WADING RIVER_IC_2 23547	47.84 3.45 0.00	35.07 2.40 0.00	29.84 1.85 0.00	31.47 1.85 0.00	31.39 1.53 0.00	31.46 1.45 0.00	32.19 1.26 0.00	31.59 1.06 0.00	29.11 1.43 0.00	36.63 1.60 0.00	31.57 1.14 0.00	33.71 1.39 1.51	48.72 2.23 2.52	54.56 2.49 0.97	56.93 2.59 0.00	65.21 3.63 0.00	69.49 5.22 0.00	210.27 8.93 -110.32	229.26 7.87 -130.71	126.24 6.15 -29.06	65.33 3.65 0.00	71.67 3.04 0.05	49.35 1.81 1.79	49.57 2.17 0.00
WADING RIVER_IC_3 23601	47.84 3.45 0.00	35.07 2.40 0.00	29.84 1.85 0.00	31.47 1.85 0.00	31.39 1.53 0.00	31.46 1.45 0.00	32.19 1.26 0.00	31.59 1.06 0.00	29.11 1.43 0.00	36.63 1.60 0.00	31.57 1.14 0.00	33.71 1.39 1.51	48.72 2.23 2.52	54.56 2.49 0.97	56.93 2.59 0.00	65.21 3.63 0.00	69.49 5.22 0.00	210.27 8.93 -110.32	229.26 7.87 -130.71	126.24 6.15 -29.06	65.33 3.65 0.00	71.67 3.04 0.05	49.35 1.81 1.79	49.57 2.17 0.00
WALDENNY_12_KV_BK2 80841	45.61 1.23 0.00	32.96 0.29 0.00	28.08 0.10 0.00	29.47 -0.14 0.00	29.68 -0.18 0.00	29.98 -0.02 0.00	30.85 -0.08 0.00	30.28 -0.24 0.00	27.80 0.13 0.00	35.82 0.79 0.00	31.09 0.66 0.00	34.66 0.83 0.00	50.23 1.22 0.00	54.21 1.17 0.00	55.17 0.82 0.00	61.32 -0.25 0.00	64.10 -0.16 0.00	91.19 0.16 0.00	91.99 1.31 0.00	93.17 2.14 0.00	62.21 0.52 0.00	69.19 0.51 0.00	49.86 0.53 0.00	47.96 0.56 0.00
WALDEN__HYDRO 24148	46.80 2.41 0.00	34.48 1.81 0.00	29.49 1.51 0.00	31.20 1.59 0.00	31.33 1.46 0.00	31.46 1.45 0.00	32.28 1.35 0.00	31.71 1.19 0.00	28.93 1.26 0.00	36.43 1.40 0.00	31.81 1.39 0.00	35.32 1.49 0.00	51.11 2.10 0.00	55.25 2.21 0.00	56.68 2.34 0.00	64.61 3.04 0.00	68.45 4.19 0.00	98.25 7.23 0.00	97.50 6.82 0.00	96.87 5.84 0.00	65.36 3.67 0.00	71.74 3.06 0.00	51.18 1.84 0.00	49.34 1.94 0.00
WARRENSBURG____ 23737	46.79 2.41 0.00	34.44 1.78 0.00	29.45 1.47 0.00	31.14 1.52 0.00	31.39 1.52 0.00	31.49 1.48 0.00	32.42 1.49 0.00	31.89 1.37 0.00	28.93 1.25 0.00	36.27 1.24 0.00	31.39 0.96 0.00	34.84 1.01 0.00	50.48 1.48 0.00	54.84 1.79 0.00	56.80 2.45 0.00	65.01 3.43 0.00	68.44 4.18 0.00	98.22 7.19 0.00	98.04 7.35 0.00	97.92 6.88 0.00	66.25 4.56 0.00	72.95 4.28 0.00	51.93 2.59 0.00	49.79 2.39 0.00
WATERSIDE____6 8 9 23538	47.05 2.67 0.00	34.84 2.18 0.00	29.83 1.85 0.00	31.57 1.96 0.00	31.67 1.80 0.00	31.79 1.79 0.00	32.59 1.66 0.00	32.03 1.50 0.00	29.37 1.69 0.00	36.83 1.80 0.00	32.25 1.82 0.00	35.73 1.90 0.00	51.42 2.41 0.00	55.33 2.28 0.00	55.73 2.13 0.74	62.61 2.76 1.72	67.79 4.06 0.53	63.92 7.05 34.16	87.27 6.45 9.87	95.55 5.29 0.77	65.07 3.39 0.00	70.95 2.55 0.28	50.87 1.61 0.07	49.31 1.91 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.97 0.58 0.00	33.11 0.44 0.00	28.40 0.41 0.00	30.11 0.50 0.00	30.36 0.49 0.00	30.47 0.46 0.00	31.31 0.38 0.00	30.69 0.17 0.00	27.72 0.05 0.00	34.83 -0.19 0.00	30.25 -0.18 0.00	33.63 -0.20 0.00	48.75 -0.26 0.00	53.00 -0.05 0.00	54.57 0.22 0.00	61.97 0.39 0.00	64.96 0.70 0.00	93.07 2.05 0.00	92.88 2.20 0.00	93.21 2.18 0.00	63.24 1.55 0.00	69.94 1.26 0.00	49.88 0.54 0.00	47.84 0.44 0.00

WDELAWARE___HYD 323627	45.82 1.44 0.00	33.70 1.03 0.00	28.80 0.82 0.00	30.44 0.83 0.00	30.57 0.70 0.00	30.68 0.68 0.00	31.50 0.57 0.00	30.97 0.44 0.00	28.23 0.55 0.00	35.57 0.54 0.00	31.08 0.65 0.00	34.56 0.73 0.00	50.03 1.02 0.00	54.20 1.16 0.00	55.63 1.29 0.00	63.42 1.85 0.00	67.23 2.97 0.00	96.59 5.56 0.00	96.08 5.40 0.00	95.63 4.60 0.00	64.46 2.77 0.00	70.73 2.05 0.00	50.40 1.07 0.00	48.46 1.06 0.00
WEST BABYLON___IC 23714	48.54 4.16 0.00	35.60 2.93 0.00	30.31 2.33 0.00	31.97 2.36 0.00	31.93 2.06 0.00	32.01 2.00 0.00	32.75 1.82 0.00	32.13 1.61 0.00	29.54 1.87 0.00	37.15 2.12 0.00	32.09 1.66 0.00	34.54 1.89 1.18	49.93 2.89 1.98	55.49 3.21 0.76	57.76 3.41 0.00	66.02 4.44 0.00	70.26 6.00 0.00	113.94 10.04 -12.87	115.52 9.03 -15.80	101.83 7.33 -3.46	66.28 4.59 0.00	72.78 4.13 0.03	52.00 2.66 0.00	50.42 3.02 0.00
WEST CANADA___HYD 24049	44.57 0.18 0.00	32.82 0.16 0.00	28.12 0.14 0.00	29.79 0.17 0.00	30.02 0.15 0.00	30.16 0.15 0.00	31.05 0.12 0.00	30.60 0.07 0.00	27.73 0.06 0.00	35.04 0.01 0.00	30.45 0.03 0.00	33.85 0.02 0.00	49.03 0.02 0.00	53.09 0.05 0.00	54.45 0.10 0.00	61.76 0.19 0.00	64.61 0.35 0.00	91.91 0.89 0.00	91.56 0.88 0.00	91.78 0.75 0.00	62.17 0.48 0.00	69.00 0.32 0.00	49.44 0.10 0.00	47.49 0.09 0.00
WESTERN_NY_WIND 24143	46.79 2.41 0.00	33.87 1.20 0.00	28.84 0.86 0.00	30.26 0.65 0.00	30.49 0.62 0.00	30.73 0.72 0.00	31.63 0.70 0.00	31.04 0.52 0.00	28.38 0.71 0.00	36.44 1.42 0.00	31.61 1.18 0.00	35.24 1.41 0.00	51.14 2.13 0.00	55.19 2.14 0.00	56.37 2.02 0.00	62.72 1.14 0.00	65.52 1.26 0.00	93.27 2.25 0.00	94.27 3.59 0.00	96.23 5.20 0.00	64.49 2.80 0.00	71.77 3.09 0.00	51.60 2.26 0.00	49.45 2.05 0.00
WESTOVER___LESR 323668	45.19 0.81 0.00	33.00 0.33 0.00	28.22 0.24 0.00	29.84 0.23 0.00	30.09 0.22 0.00	30.31 0.30 0.00	31.14 0.21 0.00	30.56 0.03 0.00	27.81 0.13 0.00	35.26 0.24 0.00	30.70 0.27 0.00	34.14 0.31 0.00	49.56 0.55 0.00	53.65 0.60 0.00	54.81 0.47 0.00	62.02 0.44 0.00	65.13 0.87 0.00	93.25 2.22 0.00	92.82 2.14 0.00	93.16 2.13 0.00	62.72 1.04 0.00	69.49 0.81 0.00	49.66 0.32 0.00	47.75 0.35 0.00
WETHRSFD_WT_PWR 323626	45.16 0.78 0.00	32.46 -0.20 0.00	27.59 -0.39 0.00	29.02 -0.59 0.00	29.24 -0.63 0.00	29.52 -0.48 0.00	30.38 -0.55 0.00	29.68 -0.84 0.00	27.15 -0.52 0.00	34.78 -0.24 0.00	30.08 -0.35 0.00	33.49 -0.34 0.00	48.62 -0.39 0.00	52.38 -0.66 0.00	53.27 -1.08 0.00	59.40 -2.17 0.00	62.34 -1.92 0.00	89.19 -1.84 0.00	90.00 -0.68 0.00	91.83 0.80 0.00	61.72 0.03 0.00	68.47 -0.21 0.00	48.92 -0.42 0.00	46.84 -0.56 0.00
WHAVSTOR_138KV_BK127 55557	46.74 2.36 0.00	34.47 1.81 0.00	29.48 1.50 0.00	31.19 1.58 0.00	31.30 1.43 0.00	31.43 1.43 0.00	32.22 1.29 0.00	31.64 1.12 0.00	28.91 1.24 0.00	36.38 1.35 0.00	31.77 1.34 0.00	35.24 1.41 0.00	50.96 1.95 0.00	55.07 2.03 0.00	56.46 2.12 0.00	64.35 2.77 0.00	68.21 3.95 0.00	97.85 6.82 0.00	96.96 6.28 0.00	96.17 5.14 0.00	64.91 3.23 0.00	71.19 2.51 0.00	50.86 1.53 0.00	49.11 1.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.74 2.36 0.00	34.47 1.81 0.00	29.48 1.50 0.00	31.19 1.58 0.00	31.30 1.43 0.00	31.43 1.43 0.00	32.22 1.29 0.00	31.64 1.12 0.00	28.91 1.24 0.00	36.38 1.35 0.00	31.77 1.34 0.00	35.24 1.41 0.00	50.96 1.95 0.00	55.07 2.03 0.00	56.46 2.12 0.00	64.35 2.77 0.00	68.21 3.95 0.00	97.85 6.82 0.00	96.96 6.28 0.00	96.17 5.14 0.00	64.91 3.23 0.00	71.19 2.51 0.00	50.86 1.53 0.00	49.11 1.71 0.00
WHITEHAL_115KV_TB1 80871	49.14 4.75 0.00	36.19 3.52 0.00	30.80 2.81 0.00	32.35 2.74 0.00	32.70 2.83 0.00	32.78 2.77 0.00	33.91 2.98 0.00	33.27 2.74 0.00	30.20 2.53 0.00	37.42 2.39 0.00	32.79 2.36 0.00	36.37 2.54 0.00	52.42 3.41 0.00	57.11 4.06 0.00	59.58 5.24 0.00	68.92 7.35 0.00	72.86 8.60 0.00	104.70 13.68 0.00	101.26 10.58 0.00	100.54 9.50 0.00	67.04 5.36 0.00	73.95 5.28 0.00	52.55 3.21 0.00	50.60 3.20 0.00
WHITEPLN_13_KV_LOAD 356215	47.49 3.11 0.00	35.01 2.34 0.00	29.92 1.94 0.00	31.64 2.02 0.00	31.75 1.88 0.00	31.86 1.86 0.00	32.67 1.74 0.00	32.11 1.59 0.00	29.36 1.69 0.00	36.98 1.95 0.00	32.31 1.88 0.00	35.89 2.06 0.00	51.93 2.92 0.00	56.16 3.11 0.00	57.58 3.24 0.00	65.66 4.09 0.00	69.63 5.37 0.00	100.00 8.98 0.00	99.13 8.45 0.00	98.33 7.30 0.00	66.29 4.61 0.00	72.71 4.03 0.00	51.90 2.56 0.00	50.06 2.66 0.00
WM_FLOYD_69_KV_BK2 356380	48.32 3.94 0.00	35.43 2.76 0.00	30.15 2.17 0.00	31.80 2.19 0.00	31.73 1.87 0.00	31.81 1.80 0.00	32.53 1.60 0.00	31.92 1.39 0.00	29.40 1.73 0.00	36.98 1.96 0.00	31.86 1.43 0.00	33.88 1.67 1.62	48.92 2.61 2.71	54.91 2.91 1.04	57.36 3.02 0.00	65.69 4.11 0.00	69.97 5.71 0.00	213.32 9.75 -112.55	232.34 8.68 -132.98	127.32 6.98 -29.31	65.91 4.23 0.00	72.41 3.78 0.05	49.91 2.35 1.77	50.10 2.69 0.00
WOODARD__115KV_TB2 355635	44.57 0.04 -0.15	32.56 -0.11 0.00	27.84 -0.14 0.00	29.45 -0.16 0.00	29.66 -0.20 0.00	29.82 -0.18 0.00	30.69 -0.24 0.00	30.22 -0.31 0.00	27.46 -0.22 0.00	34.84 -0.19 0.00	30.33 -0.10 0.00	33.77 -0.06 0.00	48.99 -0.02 0.00	53.14 0.03 -0.06	54.34 0.00 0.00	62.91 0.01 -1.33	67.55 0.33 -2.96	94.52 0.98 -2.51	96.60 1.16 -4.75	97.82 1.28 -5.51	66.05 0.61 -3.76	77.57 0.42 -8.47	51.65 0.04 -2.27	49.51 -0.01 -2.12
WOODMERE_69_KV_BK1 55827	48.08 3.69 0.00	35.30 2.63 0.00	30.09 2.11 0.00	31.76 2.15 0.00	31.78 1.91 0.00	31.89 1.88 0.00	32.65 1.72 0.00	32.08 1.56 0.00	29.45 1.77 0.00	37.07 2.04 0.00	32.21 1.78 0.00	35.87 2.05 0.00	52.07 3.06 0.00	56.40 3.36 0.00	57.88 3.53 0.00	66.11 4.54 0.00	70.08 5.82 0.00	101.51 9.56 -0.92	99.35 8.66 0.00	98.27 7.23 0.00	66.24 4.56 0.00	72.74 4.06 0.00	73.48 2.60 -21.55	50.36 2.97 0.00
YORK___WARBASSE 23770	47.31 2.92 0.00	34.95 2.28 0.00	29.89 1.91 0.00	31.63 2.01 0.00	31.69 1.83 0.00	31.84 1.83 0.00	32.62 1.69 0.00	32.05 1.52 0.00	29.39 1.72 0.00	36.89 1.86 0.00	32.29 1.87 0.00	35.80 1.97 0.00	51.56 2.56 0.00	55.60 2.56 0.00	56.74 2.51 0.11	64.41 3.18 0.35	68.75 4.49 0.00	98.72 7.70 0.01	97.74 7.06 0.00	96.92 5.89 0.00	65.47 3.78 0.00	71.69 3.01 0.00	51.28 1.94 0.00	49.60 2.20 0.00