

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/06/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	19.66	16.90	19.43	19.23	19.92	22.21	26.59	35.03	25.52	24.79	26.72	31.44	37.50	42.74	46.23	165.69	61.26	76.10	67.12	59.49	39.93	34.76	23.99	29.69
24138	1.36	1.11	1.23	1.22	1.17	1.40	1.79	2.57	1.88	1.76	2.04	2.44	2.90	3.36	3.67	10.91	5.21	6.19	5.02	4.15	2.75	2.43	1.59	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00	0.00	0.00	0.00	0.00	-29.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.69	16.92	19.46	19.26	19.94	22.25	26.62	35.06	25.54	24.80	26.74	31.44	37.51	42.73	46.23	165.62	61.27	76.13	67.17	59.56	40.01	34.82	24.02	29.74
24260	1.38	1.14	1.26	1.25	1.20	1.44	1.82	2.59	1.90	1.77	2.06	2.43	2.90	3.35	3.67	10.85	5.23	6.23	5.07	4.22	2.83	2.49	1.62	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.69	16.92	19.46	19.26	19.94	22.25	26.62	35.06	25.54	24.80	26.74	31.44	37.51	42.73	46.23	165.62	61.27	76.13	67.17	59.56	40.01	34.82	24.02	29.74
24261	1.38	1.14	1.26	1.25	1.20	1.44	1.82	2.59	1.90	1.77	2.06	2.43	2.90	3.35	3.67	10.85	5.23	6.23	5.07	4.22	2.83	2.49	1.62	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00	0.00	0.00	0.00	0.00	-29.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.19	16.55	19.07	18.92	19.68	21.99	26.25	34.40	24.88	23.92	25.83	30.36	36.26	41.55	45.00	140.83	59.48	74.39	66.06	58.41	39.29	34.10	23.47	28.98
24011	0.89	0.77	0.87	0.91	0.94	1.18	1.44	1.94	1.24	1.05	1.15	1.36	1.65	2.17	2.44	7.06	3.44	4.48	3.96	3.08	2.10	1.77	1.07	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-8.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.20	16.55	19.09	18.94	19.70	22.06	26.37	34.59	25.01	24.02	25.92	30.44	36.40	41.81	45.28	141.55	59.85	74.87	66.52	58.73	39.47	34.28	23.57	29.01
23798	0.90	0.76	0.88	0.94	0.95	1.25	1.57	2.13	1.37	1.15	1.24	1.44	1.80	2.43	2.72	7.80	3.81	4.96	4.42	3.40	2.29	1.95	1.16	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-8.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.19	16.55	19.07	18.92	19.68	21.99	26.25	34.40	24.88	23.92	25.83	30.36	36.26	41.55	45.00	140.83	59.48	74.39	66.06	58.41	39.29	34.10	23.47	28.98
24028	0.89	0.77	0.87	0.91	0.94	1.18	1.44	1.94	1.24	1.05	1.15	1.36	1.65	2.17	2.44	7.06	3.44	4.48	3.96	3.08	2.10	1.77	1.07	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-8.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.44	16.80	19.35	19.15	19.92	22.14	26.32	34.47	24.99	24.04	25.80	30.11	36.03	41.39	44.88	142.83	59.05	73.71	65.51	58.02	39.39	34.24	23.57	29.23
23527	1.14	1.02	1.15	1.15	1.17	1.33	1.52	2.01	1.35	1.15	1.12	1.11	1.42	2.01	2.31	7.45	3.00	3.80	3.41	2.68	2.20	1.91	1.17	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.72	16.20	18.62	18.41	19.17	21.29	25.39	33.28	24.17	23.30	25.12	29.52	35.22	40.24	43.58	137.43	57.53	71.77	63.65	56.46	38.06	33.05	22.62	28.00
24190	0.42	0.41	0.42	0.41	0.43	0.48	0.59	0.81	0.53	0.42	0.44	0.51	0.62	0.86	1.02	3.30	1.48	1.86	1.55	1.13	0.87	0.72	0.22	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-9.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	16.81	14.53	16.70	16.50	17.20	19.14	20.82	30.14	21.86	21.11	22.85	26.95	32.28	36.67	38.93	116.46	54.84	69.75	62.21	55.77	37.46	32.58	22.65	28.26
355683	-0.03	-0.03	-0.01	-0.02	-0.02	-0.02	-0.07	0.01	0.03	0.08	0.05	0.07	0.11	0.08	0.01	-0.42	-0.27	-0.15	0.11	0.43	0.28	0.24	0.24	0.38
	1.47	1.23	1.49	1.48	1.53	1.64	3.91	2.33	1.81	1.77	1.88	2.13	2.44	2.79	3.64	8.15	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	19.00	16.44	18.91	18.72	19.50	21.61	25.78	33.69	24.31	23.35	25.20	29.79	35.49	40.48	44.01	136.90	58.24	72.76	64.53	57.28	38.60	33.51	23.03	28.55
323833	0.69	0.65	0.71	0.71	0.75	0.80	0.98	1.23	0.67	0.49	0.52	0.78	0.88	1.10	1.45	4.75	2.20	2.85	2.43	1.95	1.41	1.18	0.63	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	-7.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	18.99	16.43	18.91	18.70	19.49	21.61	25.77	33.67	24.31	23.35	25.20	29.78	35.48	40.47	44.00	136.90	58.23	72.73	64.52	57.27	38.59	33.50	23.02	28.55
323834	0.69	0.65	0.71	0.70	0.75	0.80	0.97	1.21	0.67	0.49	0.52	0.78	0.88	1.09	1.44	4.73	2.19	2.82	2.42	1.93	1.40	1.17	0.62	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	-7.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.72	16.20	18.62	18.41	19.17	21.29	25.39	33.28	24.17	23.30	25.12	29.52	35.22	40.24	43.58	137.43	57.53	71.77	63.65	56.46	38.06	33.05	22.62	28.00
23571	0.42	0.41	0.42	0.41	0.43	0.48	0.59	0.81	0.53	0.42	0.44	0.51	0.62	0.86	1.02	3.30	1.48	1.86	1.55	1.13	0.87	0.72	0.22	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-9.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	18.72 0.42 0.00	16.20 0.41 0.00	18.62 0.42 0.00	18.41 0.41 0.00	19.17 0.43 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.28 0.81 0.00	24.17 0.53 0.00	23.30 0.42 -0.07	25.12 0.44 0.00	29.52 0.51 0.00	35.22 0.62 0.00	40.24 0.86 0.00	43.58 1.02 0.00	137.43 3.30 -9.09	57.53 1.48 0.00	71.77 1.86 0.00	63.65 1.55 0.00	56.46 1.13 0.00	38.06 0.87 0.00	33.05 0.72 0.00	22.62 0.22 0.00	28.00 0.12 0.00
ALBANY___3 23573	18.72 0.42 0.00	16.20 0.41 0.00	18.62 0.42 0.00	18.41 0.41 0.00	19.17 0.43 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.28 0.81 0.00	24.17 0.53 0.00	23.30 0.42 -0.07	25.12 0.44 0.00	29.52 0.51 0.00	35.22 0.62 0.00	40.24 0.86 0.00	43.58 1.02 0.00	137.43 3.30 -9.09	57.53 1.48 0.00	71.77 1.86 0.00	63.65 1.55 0.00	56.46 1.13 0.00	38.06 0.87 0.00	33.05 0.72 0.00	22.62 0.22 0.00	28.00 0.12 0.00
ALBANY___4 23574	18.72 0.42 0.00	16.20 0.41 0.00	18.62 0.42 0.00	18.41 0.41 0.00	19.17 0.43 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.28 0.81 0.00	24.17 0.53 0.00	23.30 0.42 -0.07	25.12 0.44 0.00	29.52 0.51 0.00	35.22 0.62 0.00	40.24 0.86 0.00	43.58 1.02 0.00	137.43 3.30 -9.09	57.53 1.48 0.00	71.77 1.86 0.00	63.65 1.55 0.00	56.46 1.13 0.00	38.06 0.87 0.00	33.05 0.72 0.00	22.62 0.22 0.00	28.00 0.12 0.00
ALBANY___LFGE 323615	18.88 0.58 0.00	16.33 0.55 0.00	18.78 0.58 0.00	18.57 0.57 0.00	19.34 0.59 0.00	21.48 0.67 0.00	25.63 0.83 0.00	33.59 1.13 0.00	24.40 0.75 0.00	23.53 0.65 -0.07	25.38 0.70 0.00	29.84 0.83 0.00	35.60 1.00 0.00	40.66 1.28 0.00	44.04 1.48 0.00	138.77 4.66 -9.07	58.15 2.11 0.00	72.55 2.65 0.00	64.31 2.22 0.00	57.04 1.71 0.00	38.44 1.25 0.00	33.37 1.03 0.00	22.86 0.46 0.00	28.31 0.43 0.00
ALCOA_PA_115KV_PL-6C 55860	16.87 0.04 1.47	14.57 0.02 1.23	16.76 0.05 1.49	16.56 0.04 1.48	17.26 0.04 1.53	19.21 0.04 1.64	102.53 0.02 -77.71	341.61 0.27 -308.88	21.93 0.10 1.81	21.18 0.15 1.77	22.92 0.12 1.88	27.04 0.16 2.13	32.38 0.21 2.44	36.79 0.20 2.79	39.06 0.13 3.64	116.83 -0.05 8.15	55.01 -0.10 0.94	69.95 0.04 0.00	62.39 0.29 0.00	55.94 0.60 0.00	37.57 0.39 0.00	32.67 0.34 0.00	22.71 0.31 0.00	28.35 0.47 0.00
ALCOA_RYNLDS___DRP 24188	16.87 0.04 1.47	14.57 0.02 1.23	16.76 0.05 1.49	16.56 0.04 1.48	17.26 0.04 1.53	19.21 0.04 1.64	102.53 0.02 -77.71	341.61 0.27 -308.88	21.93 0.10 1.81	21.18 0.15 1.77	22.92 0.12 1.88	27.04 0.16 2.13	32.38 0.21 2.44	36.79 0.20 2.79	39.06 0.13 3.64	116.83 -0.05 8.15	55.01 -0.10 0.94	69.95 0.04 0.00	62.39 0.29 0.00	55.94 0.60 0.00	37.57 0.39 0.00	32.67 0.34 0.00	22.71 0.31 0.00	28.35 0.47 0.00
ALCOA___DSASP 323711	16.87 0.04 1.47	14.57 0.02 1.23	16.76 0.05 1.49	16.56 0.04 1.48	17.26 0.04 1.53	19.21 0.04 1.64	102.53 0.02 -77.71	341.61 0.27 -308.88	21.93 0.10 1.81	21.18 0.15 1.77	22.92 0.12 1.88	27.03 0.16 2.13	32.38 0.21 2.44	36.79 0.20 2.79	39.06 0.13 3.64	116.83 -0.05 8.15	55.01 -0.10 0.94	69.95 0.04 0.00	62.39 0.29 0.00	55.94 0.60 0.00	37.57 0.39 0.00	32.67 0.34 0.00	22.71 0.31 0.00	28.35 0.47 0.00
ALLEGHENY___COGEN 23514	17.65 -0.65 0.00	15.16 -0.62 0.00	17.60 -0.60 0.00	17.40 -0.61 0.00	18.19 -0.56 0.00	20.30 -0.51 0.00	24.53 -0.28 0.00	32.00 -0.46 0.00	23.33 -0.31 0.00	22.55 -0.26 0.00	24.31 -0.36 0.00	28.37 -0.63 0.00	33.66 -0.95 0.00	37.83 -1.55 0.00	41.57 -1.00 0.00	122.44 -2.60 0.00	55.85 -0.19 0.00	70.11 0.20 0.00	62.25 0.15 0.00	55.55 0.22 0.00	36.88 -0.31 0.00	31.79 -0.54 0.00	22.21 -0.19 0.00	27.89 0.01 0.00
ALTAMONT_115KV_TB 2 55880	18.79 0.49 0.00	16.23 0.45 0.00	18.69 0.49 0.00	18.49 0.48 0.00	19.25 0.51 0.00	21.37 0.55 0.00	25.48 0.67 0.00	33.39 0.93 0.00	24.25 0.61 0.00	23.39 0.52 -0.07	25.23 0.55 0.00	29.67 0.66 0.00	35.39 0.78 0.00	40.39 1.01 0.00	43.72 1.16 0.00	137.60 3.67 -8.89	57.72 1.67 0.00	72.00 2.09 0.00	63.85 1.75 0.00	56.70 1.37 0.00	38.19 1.01 0.00	33.19 0.86 0.00	22.87 0.46 0.00	28.35 0.47 0.00
ALTONA_WT_PWR 323606	-7.63 -0.92 25.01	-6.04 -0.89 20.94	-8.13 -0.89 25.43	-8.11 -0.89 25.22	-8.16 -0.96 25.94	-8.13 -0.94 28.00	-8.23 -1.17 31.87	-8.54 -1.45 39.55	-8.29 -1.05 30.88	-8.26 -0.96 30.10	-8.26 -1.00 31.94	-8.41 -1.21 36.20	-8.08 -1.23 41.45	-9.33 -1.27 47.45	-20.68 -1.36 61.88	-18.69 -4.94 138.79	38.20 -1.82 16.02	68.55 -1.36 0.00	61.86 -0.24 0.00	56.22 0.88 0.00	38.42 1.24 0.00	33.41 1.08 0.00	23.13 0.73 0.00	28.76 0.89 0.00
AMERICAN_REF_FUEL 24010	16.57 -1.73 0.00	14.27 -1.51 0.00	16.66 -1.55 0.00	16.47 -1.53 0.00	17.20 -1.55 0.00	19.11 -1.70 0.00	22.88 -1.92 0.00	29.32 -3.14 0.00	21.64 -2.01 0.00	21.13 -1.68 0.00	22.62 -2.05 0.00	26.45 -2.56 0.00	31.48 -3.12 0.00	35.39 -3.99 0.00	38.08 -4.49 0.00	110.96 -14.08 0.00	50.44 -5.61 0.00	63.17 -6.73 0.00	55.98 -6.12 0.00	49.95 -5.39 0.00	33.14 -4.05 0.00	28.85 -3.48 0.00	20.53 -1.87 0.00	26.10 -1.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.68 -1.62 0.00	14.35 -1.44 0.00	16.70 -1.51 0.00	16.58 -1.43 0.00	17.33 -1.42 0.00	19.56 -1.25 0.00	23.56 -1.25 0.00	30.04 -2.42 0.00	22.15 -1.49 0.00	21.72 -1.08 0.00	23.51 -1.17 0.00	27.75 -1.25 0.00	33.42 -1.19 0.00	37.92 -1.46 0.00	40.88 -1.68 0.00	120.24 -4.80 0.00	54.44 -1.61 0.00	67.55 -2.35 0.00	59.69 -2.40 0.00	52.92 -2.42 0.00	35.15 -2.04 0.00	30.76 -1.57 0.00	21.65 -0.75 0.00	27.57 -0.31 0.00
ARTHUR KILL_GT_1 23520	19.71 1.40 0.00	16.91 1.13 0.00	19.32 1.12 0.00	19.10 1.10 0.00	19.79 1.04 0.00	22.09 1.28 0.00	26.42 1.61 0.00	34.76 2.30 0.00	25.31 1.66 0.00	24.53 1.50 -0.23	26.42 1.74 0.00	31.05 2.05 0.00	36.95 2.35 0.00	42.11 2.73 0.00	45.82 3.26 0.00	164.12 9.35 -29.73	60.65 4.60 0.00	75.35 5.44 0.00	66.56 4.46 0.00	59.13 3.79 0.00	39.79 2.60 0.00	34.68 2.35 0.00	23.95 1.55 0.00	29.66 1.78 0.00
ARTHUR_KILL_2 23512	19.66 1.36 0.00	16.87 1.08 0.00	19.28 1.07 0.00	19.05 1.05 0.00	19.74 0.99 0.00	22.04 1.23 0.00	26.34 1.54 0.00	34.66 2.20 0.00	25.24 1.60 0.00	24.48 1.45 -0.23	26.36 1.68 0.00	30.98 1.98 0.00	36.87 2.26 0.00	41.99 2.61 0.00	45.69 3.13 0.00	163.66 8.89 -29.73	60.45 4.41 0.00	75.12 5.22 0.00	66.35 4.25 0.00	58.91 3.58 0.00	39.67 2.48 0.00	34.58 2.25 0.00	23.88 1.47 0.00	29.58 1.70 0.00
ARTHUR_KILL_3 23513	19.54 1.24 0.00	16.80 1.02 0.00	19.35 1.14 0.00	19.15 1.14 0.00	19.83 1.08 0.00	22.13 1.32 0.00	26.45 1.65 0.00	34.81 2.35 0.00	25.34 1.69 0.00	24.59 1.56 -0.23	26.51 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.34 2.96 0.00	45.77 3.21 0.00	164.21 9.43 -29.74	60.62 4.58 0.00	75.28 5.38 0.00	66.42 4.32 0.00	58.93 3.60 0.00	39.62 2.43 0.00	34.50 2.17 0.00	23.81 1.41 0.00	29.49 1.61 0.00

ARTHUR_KILL_COGEN 323718	19.71 1.40 0.00	16.91 1.13 0.00	19.32 1.12 0.00	19.10 1.10 0.00	19.79 1.04 0.00	22.09 1.28 0.00	26.42 1.61 0.00	34.76 2.30 0.00	25.31 1.66 0.00	24.53 1.50 -0.23	26.42 1.74 0.00	31.05 2.05 0.00	36.95 2.35 0.00	42.11 2.73 0.00	45.82 3.26 0.00	164.12 9.35 -29.73	60.65 4.60 0.00	75.35 5.44 0.00	66.56 4.46 0.00	59.13 3.79 0.00	39.79 2.60 0.00	34.68 2.35 0.00	23.95 1.55 0.00	29.66 1.78 0.00
ASHOKAN____ 23654	19.04 0.74 0.00	16.45 0.67 0.00	18.93 0.73 0.00	18.72 0.71 0.00	19.51 0.77 0.00	21.68 0.86 0.00	25.93 1.13 0.00	34.01 1.55 0.00	24.56 0.92 0.00	23.53 0.73 0.00	25.31 0.63 0.00	29.87 0.87 0.00	35.70 1.09 0.00	40.73 1.36 0.00	44.35 1.78 0.00	131.40 6.36 0.00	58.90 2.86 0.00	73.78 3.88 0.00	65.43 3.34 0.00	57.99 2.65 0.00	39.02 1.84 0.00	33.82 1.49 0.00	23.18 0.78 0.00	28.64 0.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.80 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.58 -0.23	26.50 1.82 0.00	31.16 2.15 0.00	37.14 2.53 0.00	42.28 2.90 0.00	45.74 3.18 0.00	164.31 9.38 -29.89	60.61 4.57 0.00	75.28 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.80 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.58 -0.23	26.50 1.82 0.00	31.16 2.15 0.00	37.14 2.53 0.00	42.28 2.90 0.00	45.74 3.18 0.00	164.31 9.38 -29.89	60.61 4.57 0.00	75.28 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT2_1 24094	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT2_2 24095	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT2_3 24096	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT2_4 24097	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT3_1 24098	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT3_2 24099	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT3_3 24100	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT3_4 24101	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT4_1 24102	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT4_2 24103	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT4_3 24104	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00

ASTORIA_GT4_4 24105	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.79 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.57 -0.23	26.50 1.82 0.00	31.15 2.15 0.00	37.14 2.53 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.31 9.38 -29.89	60.62 4.58 0.00	75.27 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT_1 23523	19.58 1.28 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.14 1.14 0.00	19.83 1.08 0.00	22.13 1.32 0.00	26.48 1.68 0.00	34.90 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.56 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.36 2.98 0.00	45.83 3.27 0.00	164.65 9.72 -29.89	60.74 4.70 0.00	75.44 5.54 0.00	66.56 4.46 0.00	59.03 3.69 0.00	39.80 2.62 0.00	34.60 2.27 0.00	23.88 1.47 0.00	29.54 1.66 0.00
ASTORIA_GT_10 24110	19.56 1.26 0.00	16.82 1.03 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.34 0.00	25.35 1.71 0.00	24.61 1.57 -0.23	26.52 1.84 0.00	31.17 2.16 0.00	37.15 2.55 0.00	42.31 2.93 0.00	45.78 3.22 0.00	164.26 9.48 -29.73	60.67 4.63 0.00	75.37 5.47 0.00	66.48 4.38 0.00	58.99 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT_11 24225	19.56 1.26 0.00	16.82 1.03 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.34 0.00	25.35 1.71 0.00	24.61 1.57 -0.23	26.52 1.84 0.00	31.17 2.16 0.00	37.15 2.55 0.00	42.31 2.93 0.00	45.78 3.22 0.00	164.26 9.48 -29.73	60.67 4.63 0.00	75.37 5.47 0.00	66.48 4.38 0.00	58.99 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT_12 24226	19.56 1.26 0.00	16.82 1.03 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.34 0.00	25.35 1.71 0.00	24.61 1.57 -0.23	26.52 1.84 0.00	31.17 2.16 0.00	37.15 2.55 0.00	42.31 2.93 0.00	45.78 3.22 0.00	164.26 9.48 -29.73	60.67 4.63 0.00	75.37 5.47 0.00	66.48 4.38 0.00	58.99 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT_13 24227	19.56 1.26 0.00	16.82 1.03 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.34 0.00	25.35 1.71 0.00	24.61 1.57 -0.23	26.52 1.84 0.00	31.17 2.16 0.00	37.15 2.55 0.00	42.31 2.93 0.00	45.78 3.22 0.00	164.26 9.48 -29.73	60.67 4.63 0.00	75.37 5.47 0.00	66.48 4.38 0.00	58.99 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA_GT_5 24106	19.58 1.27 0.00	16.83 1.04 0.00	19.35 1.14 0.00	19.14 1.14 0.00	19.83 1.08 0.00	22.13 1.32 0.00	26.48 1.68 0.00	34.90 2.44 0.00	25.42 1.78 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.36 2.98 0.00	45.83 3.27 0.00	164.64 9.72 -29.89	60.75 4.70 0.00	75.44 5.53 0.00	66.56 4.46 0.00	59.03 3.69 0.00	39.81 2.62 0.00	34.60 2.27 0.00	23.87 1.47 0.00	29.53 1.66 0.00
ASTORIA_GT_7 24107	19.58 1.27 0.00	16.83 1.04 0.00	19.35 1.14 0.00	19.14 1.14 0.00	19.83 1.08 0.00	22.13 1.32 0.00	26.48 1.68 0.00	34.90 2.44 0.00	25.42 1.78 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.36 2.98 0.00	45.83 3.27 0.00	164.64 9.72 -29.89	60.75 4.70 0.00	75.44 5.53 0.00	66.56 4.46 0.00	59.03 3.69 0.00	39.81 2.62 0.00	34.60 2.27 0.00	23.87 1.47 0.00	29.53 1.66 0.00
ASTORIA_GT_8 24108	19.58 1.27 0.00	16.83 1.04 0.00	19.35 1.14 0.00	19.14 1.14 0.00	19.83 1.08 0.00	22.13 1.32 0.00	26.48 1.68 0.00	34.90 2.44 0.00	25.42 1.78 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.36 2.98 0.00	45.83 3.27 0.00	164.64 9.72 -29.89	60.75 4.70 0.00	75.44 5.53 0.00	66.56 4.46 0.00	59.03 3.69 0.00	39.81 2.62 0.00	34.60 2.27 0.00	23.87 1.47 0.00	29.53 1.66 0.00
ASTORIA___2 24149	19.54 1.24 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.11 1.11 0.00	19.80 1.05 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.60 1.58 -0.23	26.50 1.82 0.00	31.16 2.15 0.00	37.14 2.53 0.00	42.28 2.90 0.00	45.74 3.18 0.00	164.31 9.38 -29.89	60.61 4.57 0.00	75.28 5.37 0.00	66.43 4.33 0.00	58.92 3.58 0.00	39.73 2.54 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA___3 23516	19.57 1.26 0.00	16.82 1.04 0.00	19.33 1.13 0.00	19.13 1.12 0.00	19.80 1.06 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.35 0.00	25.35 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.16 2.56 0.00	42.32 2.94 0.00	45.78 3.22 0.00	164.27 9.50 -29.73	60.66 4.62 0.00	75.37 5.47 0.00	66.48 4.38 0.00	59.00 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA___4 23517	19.56 1.26 0.00	16.82 1.03 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.34 0.00	25.35 1.71 0.00	24.61 1.57 -0.23	26.52 1.84 0.00	31.17 2.16 0.00	37.15 2.55 0.00	42.31 2.93 0.00	45.78 3.22 0.00	164.26 9.48 -29.73	60.67 4.63 0.00	75.37 5.47 0.00	66.48 4.38 0.00	58.99 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
ASTORIA___5 23518	19.57 1.26 0.00	16.82 1.04 0.00	19.33 1.13 0.00	19.13 1.12 0.00	19.80 1.06 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.35 0.00	25.35 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.16 2.55 0.00	42.32 2.94 0.00	45.78 3.22 0.00	164.27 9.50 -29.73	60.66 4.61 0.00	75.36 5.46 0.00	66.48 4.38 0.00	59.00 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
AST_ENERGY_2_CC3 323677	19.55 1.25 0.00	16.81 1.02 0.00	19.34 1.13 0.00	19.14 1.14 0.00	19.80 1.06 0.00	22.09 1.28 0.00	26.40 1.60 0.00	34.76 2.30 0.00	25.31 1.67 0.00	24.57 1.54 -0.23	26.48 1.81 0.00	31.12 2.12 0.00	37.13 2.52 0.00	42.32 2.93 0.00	45.78 3.21 0.00	164.28 9.50 -29.74	60.66 4.61 0.00	75.37 5.46 0.00	66.51 4.41 0.00	58.99 3.65 0.00	39.64 2.45 0.00	34.51 2.18 0.00	23.81 1.41 0.00	29.48 1.61 0.00
AST_ENERGY_2_CC4 323678	19.55 1.25 0.00	16.81 1.02 0.00	19.34 1.13 0.00	19.14 1.14 0.00	19.80 1.06 0.00	22.09 1.28 0.00	26.40 1.60 0.00	34.76 2.30 0.00	25.31 1.67 0.00	24.57 1.54 -0.23	26.48 1.81 0.00	31.12 2.12 0.00	37.13 2.52 0.00	42.32 2.93 0.00	45.78 3.21 0.00	164.28 9.50 -29.74	60.66 4.61 0.00	75.37 5.46 0.00	66.51 4.41 0.00	58.99 3.65 0.00	39.64 2.45 0.00	34.51 2.18 0.00	23.81 1.41 0.00	29.48 1.61 0.00

BARRETT_IC_5 23708	19.67 1.37 0.00	17.00 1.22 0.00	19.49 1.28 0.00	19.29 1.29 0.00	19.87 1.12 0.00	21.96 1.14 0.00	26.02 1.21 0.00	34.20 1.74 0.00	24.96 1.32 0.00	24.14 1.11 -0.23	25.99 1.31 0.00	30.36 1.32 -0.03	27.74 1.70 8.56	29.39 2.04 12.03	28.86 2.19 15.89	159.80 8.25 -26.51	63.30 4.37 -2.88	74.72 4.81 0.00	66.51 4.42 0.00	58.87 3.53 0.00	27.03 1.62 11.77	30.82 1.25 2.77	23.33 0.93 0.00	29.20 1.32 0.00
BARRETT_IC_6 23709	19.67 1.37 0.00	17.00 1.22 0.00	19.49 1.28 0.00	19.29 1.29 0.00	19.87 1.12 0.00	21.96 1.14 0.00	26.02 1.21 0.00	34.20 1.74 0.00	24.96 1.32 0.00	24.14 1.11 -0.23	25.99 1.31 0.00	30.36 1.32 -0.03	27.74 1.70 8.56	29.39 2.04 12.03	28.86 2.19 15.89	159.80 8.25 -26.51	63.30 4.37 -2.88	74.72 4.81 0.00	66.51 4.42 0.00	58.87 3.53 0.00	27.03 1.62 11.77	30.82 1.25 2.77	23.33 0.93 0.00	29.20 1.32 0.00
BARRETT_IC_7 23710	19.67 1.37 0.00	17.00 1.22 0.00	19.49 1.28 0.00	19.29 1.29 0.00	19.86 1.11 0.00	21.96 1.15 0.00	26.02 1.21 0.00	34.20 1.74 0.00	24.96 1.32 0.00	24.14 1.11 -0.23	25.98 1.30 0.00	30.36 1.32 -0.03	27.74 1.69 8.56	29.39 2.04 12.03	28.86 2.19 15.89	159.73 8.18 -26.51	63.30 4.37 -2.88	74.72 4.81 0.00	66.51 4.42 0.00	58.87 3.53 0.00	27.03 1.62 11.77	30.82 1.25 2.77	23.32 0.93 0.00	29.20 1.32 0.00
BARRETT_IC_8 23711	19.67 1.37 0.00	17.00 1.22 0.00	19.49 1.28 0.00	19.29 1.29 0.00	19.87 1.12 0.00	21.96 1.14 0.00	26.02 1.21 0.00	34.20 1.74 0.00	24.96 1.32 0.00	24.14 1.11 -0.23	25.99 1.31 0.00	30.36 1.32 -0.03	27.74 1.70 8.56	29.39 2.04 12.03	28.86 2.19 15.89	159.80 8.25 -26.51	63.30 4.37 -2.88	74.72 4.81 0.00	66.51 4.42 0.00	58.87 3.53 0.00	27.03 1.62 11.77	30.82 1.25 2.77	23.33 0.93 0.00	29.20 1.32 0.00
BARRETT_IC_9 23700	19.67 1.37 0.00	17.00 1.22 0.00	19.49 1.28 0.00	19.29 1.29 0.00	19.87 1.12 0.00	21.96 1.14 0.00	26.02 1.21 0.00	34.20 1.74 0.00	24.96 1.32 0.00	24.14 1.11 -0.23	25.99 1.31 0.00	30.36 1.32 -0.03	27.74 1.70 8.56	29.39 2.04 12.03	28.86 2.19 15.89	149.39 8.25 -16.10	63.30 4.37 -2.88	74.72 4.81 0.00	66.51 4.42 0.00	58.87 3.53 0.00	27.03 1.62 11.77	30.82 1.25 2.77	23.33 0.93 0.00	29.20 1.32 0.00
BARRETT___1 23545	19.67 1.37 0.00	17.00 1.22 0.00	19.49 1.28 0.00	19.29 1.29 0.00	19.87 1.12 0.00	21.96 1.14 0.00	26.02 1.21 0.00	34.20 1.74 0.00	24.96 1.32 0.00	24.14 1.11 -0.23	25.99 1.31 0.00	30.36 1.32 -0.03	27.74 1.70 8.56	29.39 2.04 12.03	28.86 2.19 15.89	159.80 8.25 -26.51	63.30 4.37 -2.88	74.72 4.81 0.00	66.51 4.42 0.00	58.87 3.53 0.00	27.03 1.62 11.77	30.82 1.25 2.77	23.33 0.93 0.00	29.20 1.32 0.00
BARRETT___2 23546	19.67 1.37 0.00	17.00 1.22 0.00	19.49 1.28 0.00	19.29 1.29 0.00	19.87 1.12 0.00	21.96 1.14 0.00	26.02 1.21 0.00	34.20 1.74 0.00	24.96 1.32 0.00	24.14 1.11 -0.23	25.99 1.31 0.00	30.36 1.32 -0.03	27.74 1.70 8.56	29.39 2.04 12.03	28.86 2.19 15.89	149.39 8.25 -16.10	63.30 4.37 -2.88	74.72 4.81 0.00	66.51 4.42 0.00	58.87 3.53 0.00	27.03 1.62 11.77	30.82 1.25 2.77	23.33 0.93 0.00	29.20 1.32 0.00
BATAVIA__115KV_TB1 55881	17.42 -0.88 0.00	14.98 -0.80 0.00	17.43 -0.77 0.00	17.24 -0.76 0.00	18.00 -0.75 0.00	20.05 -0.76 0.00	24.09 -0.72 0.00	31.08 -1.38 0.00	22.89 -0.75 0.00	22.34 -0.47 0.00	24.00 -0.68 0.00	28.04 -0.96 0.00	33.36 -1.25 0.00	37.62 -1.76 0.00	40.46 -2.10 0.00	118.11 -6.93 0.00	53.67 -2.37 0.00	67.30 -2.61 0.00	59.59 -2.50 0.00	53.11 -2.23 0.00	35.22 -1.97 0.00	30.55 -1.78 0.00	21.56 -0.84 0.00	27.25 -0.63 0.00
BAYONEEC___CTG1 323682	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG10 323750	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG2 323683	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG3 323684	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG4 323685	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG5 323686	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG6 323687	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00

BAYONEEC___CTG7 323688	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG8 323689	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BAYONEEC___CTG9 323749	19.58 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.46 1.65 0.00	34.83 2.37 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.21 2.61 0.00	42.38 3.00 0.00	45.84 3.28 0.00	164.50 9.73 -29.74	60.75 4.71 0.00	75.47 5.56 0.00	66.59 4.49 0.00	59.06 3.73 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
BEACON___LESR 323632	18.95 0.65 0.00	16.41 0.62 0.00	18.82 0.62 0.00	18.61 0.61 0.00	19.42 0.67 0.00	21.53 0.72 0.00	25.76 0.96 0.00	33.76 1.30 0.00	24.48 0.83 0.00	23.60 0.73 -0.07	25.46 0.78 0.00	29.88 0.88 0.00	35.74 1.13 0.00	40.79 1.40 0.00	44.14 1.58 0.00	139.27 5.14 -9.09	58.39 2.35 0.00	73.18 3.28 0.00	64.72 2.63 0.00	57.38 2.05 0.00	38.58 1.39 0.00	33.47 1.14 0.00	22.93 0.53 0.00	28.41 0.53 0.00
BEAVER RIVER___HYD 24048	23.60 -0.53 -5.82	20.18 -0.48 -4.88	23.59 -0.54 -5.92	23.36 -0.52 -5.87	24.26 -0.53 -6.04	26.90 -0.43 -6.52	31.14 -0.34 -6.68	41.25 -0.42 -9.21	30.55 -0.28 -7.19	29.60 -0.22 -7.01	32.07 -0.05 -7.44	37.56 0.12 -8.43	44.08 -0.18 -9.65	50.04 -0.39 -11.05	56.62 -0.35 -14.41	158.30 0.94 -32.32	60.73 0.95 -3.73	71.33 1.42 0.00	63.47 1.37 0.00	56.98 1.65 0.00	38.31 1.12 0.00	33.36 1.03 0.00	23.18 0.78 0.00	28.88 1.00 0.00
BEEBEE_GT_13 23619	17.49 -0.82 0.00	15.06 -0.73 0.00	17.47 -0.73 0.00	17.27 -0.73 0.00	18.01 -0.73 0.00	20.04 -0.77 0.00	23.98 -0.82 0.00	31.08 -1.38 0.00	22.80 -0.84 0.00	22.19 -0.61 0.00	23.90 -0.78 0.00	28.02 -0.98 0.00	33.36 -1.24 0.00	37.70 -1.68 0.00	40.61 -1.95 0.00	118.86 -6.18 0.00	53.69 -2.36 0.00	67.13 -2.78 0.00	59.50 -2.60 0.00	52.97 -2.37 0.00	35.27 -1.92 0.00	30.60 -1.73 0.00	21.45 -0.95 0.00	26.98 -0.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.73 1.43 0.00	16.94 1.16 0.00	19.44 1.24 0.00	19.23 1.23 0.00	19.92 1.18 0.00	22.24 1.43 0.00	26.62 1.82 0.00	35.07 2.61 0.00	25.55 1.91 0.00	24.79 1.76 -0.23	26.71 2.03 0.00	31.41 2.40 0.00	37.43 2.82 0.00	42.58 3.20 0.00	46.14 3.58 0.00	165.33 10.56 -29.73	61.23 5.18 0.00	76.07 6.16 0.00	67.14 5.04 0.00	59.58 4.25 0.00	40.10 2.92 0.00	34.90 2.57 0.00	24.06 1.66 0.00	29.77 1.89 0.00
BETHLEHEM___GRP 23843	18.72 0.42 0.00	16.20 0.41 0.00	18.62 0.42 0.00	18.41 0.41 0.00	19.17 0.43 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.28 0.81 0.00	24.17 0.53 0.00	23.30 0.42 -0.07	25.12 0.44 0.00	29.52 0.51 0.00	35.22 0.62 0.00	40.24 0.86 0.00	43.58 1.02 0.00	137.43 3.30 -9.09	57.53 1.48 0.00	71.77 1.86 0.00	63.65 1.55 0.00	56.46 1.13 0.00	38.06 0.87 0.00	33.05 0.72 0.00	22.62 0.22 0.00	28.00 0.12 0.00
BETHLEHEM___GS1 323560	18.72 0.42 0.00	16.20 0.41 0.00	18.62 0.42 0.00	18.42 0.41 0.00	19.17 0.43 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.28 0.81 0.00	24.17 0.53 0.00	23.30 0.43 -0.07	25.13 0.45 0.00	29.52 0.51 0.00	35.23 0.62 0.00	40.25 0.87 0.00	43.58 1.02 0.00	137.43 3.30 -9.09	57.52 1.48 0.00	71.77 1.87 0.00	63.65 1.55 0.00	56.47 1.13 0.00	38.07 0.88 0.00	33.05 0.72 0.00	22.62 0.22 0.00	28.00 0.13 0.00
BETHLEHEM___GS2 323561	18.72 0.42 0.00	16.20 0.41 0.00	18.62 0.42 0.00	18.42 0.41 0.00	19.17 0.43 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.28 0.81 0.00	24.17 0.53 0.00	23.30 0.43 -0.07	25.13 0.45 0.00	29.52 0.51 0.00	35.23 0.62 0.00	40.25 0.87 0.00	43.58 1.02 0.00	137.43 3.30 -9.09	57.52 1.48 0.00	71.77 1.87 0.00	63.65 1.55 0.00	56.47 1.13 0.00	38.07 0.88 0.00	33.05 0.72 0.00	22.62 0.22 0.00	28.00 0.13 0.00
BETHLEHEM___GS3 323562	18.72 0.42 0.00	16.20 0.41 0.00	18.62 0.42 0.00	18.42 0.41 0.00	19.17 0.43 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.28 0.81 0.00	24.17 0.53 0.00	23.30 0.43 -0.07	25.13 0.45 0.00	29.52 0.51 0.00	35.23 0.62 0.00	40.25 0.87 0.00	43.58 1.02 0.00	137.43 3.30 -9.09	57.52 1.48 0.00	71.77 1.87 0.00	63.65 1.55 0.00	56.47 1.13 0.00	38.07 0.88 0.00	33.05 0.72 0.00	22.62 0.22 0.00	28.00 0.13 0.00
BETHLEHEM___STEEL 23779	17.09 -1.21 0.00	14.71 -1.08 0.00	17.14 -1.06 0.00	16.95 -1.05 0.00	17.70 -1.05 0.00	19.71 -1.10 0.00	23.64 -1.16 0.00	30.47 -2.00 0.00	22.39 -1.25 0.00	21.89 -0.91 0.00	23.54 -1.14 0.00	27.59 -1.41 0.00	32.92 -1.68 0.00	37.08 -2.30 0.00	39.95 -2.61 0.00	116.77 -8.27 0.00	53.15 -2.90 0.00	66.33 -3.57 0.00	58.84 -3.26 0.00	52.54 -2.80 0.00	34.81 -2.37 0.00	30.25 -2.08 0.00	21.38 -1.02 0.00	27.13 -0.75 0.00
BETHLHEM_115KV_TB1 79974	18.73 0.43 0.00	16.21 0.42 0.00	18.63 0.43 0.00	18.43 0.43 0.00	19.19 0.44 0.00	21.31 0.49 0.00	25.41 0.61 0.00	33.30 0.83 0.00	24.18 0.54 0.00	23.32 0.44 -0.07	25.14 0.46 0.00	29.54 0.54 0.00	35.26 0.65 0.00	40.27 0.89 0.00	43.60 1.04 0.00	137.51 3.41 -9.06	57.55 1.51 0.00	71.81 1.91 0.00	63.68 1.58 0.00	56.51 1.18 0.00	38.09 0.90 0.00	33.08 0.75 0.00	22.67 0.27 0.00	28.08 0.20 0.00
BETHPAGE_CC_5 323564	19.84 1.54 0.00	17.14 1.36 0.00	19.64 1.44 0.00	19.45 1.45 0.00	20.01 1.26 0.00	22.10 1.29 0.00	26.23 1.42 0.00	34.52 2.06 0.00	25.17 1.53 0.00	24.27 1.24 -0.23	26.04 1.38 0.02	26.12 1.45 4.33	28.34 1.82 8.08	30.67 2.20 10.91	30.85 2.49 14.20	161.19 9.32 -26.83	64.16 4.79 -3.33	74.95 5.04 0.00	66.59 4.49 0.00	58.96 3.63 0.00	28.09 1.82 10.92	31.39 1.54 2.48	23.56 1.16 0.00	29.53 1.65 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.17 -1.13 0.00	14.78 -1.01 0.00	17.22 -0.98 0.00	17.03 -0.97 0.00	17.79 -0.95 0.00	19.81 -1.00 0.00	23.76 -1.04 0.00	30.64 -1.82 0.00	22.52 -1.12 0.00	22.02 -0.79 0.00	23.68 -1.00 0.00	27.76 -1.24 0.00	33.12 -1.48 0.00	37.31 -2.07 0.00	40.20 -2.36 0.00	117.52 -7.52 0.00	53.52 -2.52 0.00	66.79 -3.11 0.00	59.26 -2.84 0.00	52.92 -2.42 0.00	35.06 -2.13 0.00	30.45 -1.88 0.00	21.51 -0.89 0.00	27.28 -0.59 0.00

BINGHAMTON___COGEN 23790	18.05 -0.25 0.00	15.55 -0.23 0.00	17.97 -0.23 0.00	17.79 -0.21 0.00	18.55 -0.19 0.00	20.59 -0.22 0.00	24.62 -0.19 0.00	32.19 -0.28 0.00	23.46 -0.18 0.00	22.73 -0.07 0.00	24.66 -0.02 0.00	29.02 0.02 0.00	34.61 0.01 0.00	39.22 -0.16 0.00	42.36 -0.20 0.00	124.60 -0.44 0.00	55.96 -0.09 0.00	69.55 -0.35 0.00	61.68 -0.42 0.00	55.04 -0.29 0.00	36.79 -0.40 0.00	31.92 -0.41 0.00	22.17 -0.23 0.00	27.71 -0.17 0.00
BIXINCNT_115KV_LOAD 355685	17.02 -1.28 0.00	14.66 -1.12 0.00	17.10 -1.11 0.00	16.98 -1.03 0.00	17.85 -0.90 0.00	19.88 -0.93 0.00	23.90 -0.91 0.00	30.99 -1.47 0.00	22.55 -1.08 0.00	22.20 -0.61 0.00	23.93 -0.75 0.00	28.13 -0.87 0.00	33.61 -1.00 0.00	37.81 -1.58 0.00	40.83 -1.74 0.00	119.61 -5.43 0.00	54.36 -1.69 0.00	67.82 -2.09 0.00	60.44 -1.66 0.00	54.00 -1.33 0.00	35.72 -1.46 0.00	30.96 -1.37 0.00	21.80 -0.60 0.00	27.67 -0.20 0.00
BLACK RIVER___HYD 24047	21.74 -0.63 -4.07	18.62 -0.57 -3.41	21.69 -0.65 -4.14	21.49 -0.62 -4.10	22.32 -0.64 -4.22	24.80 -0.56 -4.55	29.00 -0.48 -4.67	38.27 -0.63 -6.43	28.26 -0.41 -5.02	27.39 -0.31 -4.90	29.69 -0.18 -5.19	34.85 -0.04 -5.89	40.86 -0.48 -6.74	46.40 -0.70 -7.71	51.86 -0.76 -10.06	147.78 0.17 -22.57	59.22 0.57 -2.61	70.81 0.91 0.00	63.04 0.94 0.00	56.53 1.20 0.00	38.03 0.84 0.00	33.13 0.79 0.00	23.01 0.61 0.00	28.65 0.77 0.00
BLACKRVR_115KV_TB2 79977	21.74 -0.63 -4.07	18.62 -0.57 -3.41	21.69 -0.65 -4.14	21.49 -0.62 -4.10	22.32 -0.64 -4.22	24.80 -0.56 -4.55	28.99 -0.48 -4.67	38.27 -0.62 -6.43	28.26 -0.41 -5.02	27.39 -0.31 -4.90	29.69 -0.18 -5.19	34.85 -0.04 -5.89	40.86 -0.48 -6.74	46.40 -0.70 -7.71	51.86 -0.76 -10.06	147.77 0.17 -22.57	59.22 0.57 -2.61	70.81 0.91 0.00	63.04 0.95 0.00	56.53 1.20 0.00	38.03 0.85 0.00	33.13 0.79 0.00	23.01 0.61 0.00	28.65 0.77 0.00
BLISS_WT_PWR 323608	16.86 -1.44 0.00	14.53 -1.25 0.00	16.96 -1.24 0.00	16.85 -1.15 0.00	17.76 -0.99 0.00	19.79 -1.02 0.00	23.80 -1.00 0.00	30.90 -1.56 0.00	22.43 -1.21 0.00	22.10 -0.70 0.00	23.82 -0.86 0.00	28.00 -1.00 0.00	33.47 -1.14 0.00	37.63 -1.75 0.00	40.69 -1.87 0.00	119.24 -5.80 0.00	54.22 -1.83 0.00	67.67 -2.24 0.00	60.41 -1.69 0.00	53.97 -1.36 0.00	35.67 -1.52 0.00	30.91 -1.42 0.00	21.76 -0.64 0.00	27.64 -0.24 0.00
BLUESTONE___WT_PWR 323821	18.41 0.11 0.00	15.84 0.06 0.00	18.26 0.05 0.00	17.76 -0.24 0.00	18.60 -0.14 0.00	20.78 -0.03 0.00	24.82 0.01 0.00	32.83 0.37 0.00	23.89 0.25 0.00	23.01 0.32 0.11	25.04 0.36 0.00	29.79 0.79 0.00	35.81 1.21 0.00	39.99 0.61 0.00	43.41 0.84 0.00	114.28 3.64 14.40	58.21 2.16 0.00	72.31 2.41 0.00	64.48 2.38 0.00	57.75 2.42 0.00	38.53 1.34 0.00	33.36 1.03 0.00	23.05 0.64 0.00	28.63 0.76 0.00
BLUE_CIRC_CHEM_DRP 24182	18.87 0.57 0.00	16.33 0.54 0.00	18.79 0.58 0.00	18.58 0.58 0.00	19.36 0.61 0.00	21.47 0.66 0.00	25.60 0.79 0.00	33.48 1.01 0.00	24.23 0.59 0.00	23.32 0.46 -0.06	25.17 0.49 0.00	29.66 0.65 0.00	35.35 0.75 0.00	40.34 0.96 0.00	43.78 1.21 0.00	136.40 3.90 -7.46	57.82 1.77 0.00	72.17 2.27 0.00	64.02 1.92 0.00	56.85 1.51 0.00	38.31 1.12 0.00	33.28 0.95 0.00	22.88 0.48 0.00	28.38 0.50 0.00
BOC_GAS_DRP 24189	18.74 0.44 0.00	16.19 0.41 0.00	18.64 0.44 0.00	18.43 0.43 0.00	19.19 0.45 0.00	21.29 0.48 0.00	25.39 0.59 0.00	33.27 0.81 0.00	24.18 0.54 0.00	23.33 0.46 -0.07	25.17 0.49 0.00	29.56 0.56 0.00	35.28 0.68 0.00	40.26 0.88 0.00	43.57 1.01 0.00	137.18 3.21 -8.93	57.49 1.45 0.00	71.71 1.80 0.00	63.59 1.50 0.00	56.47 1.14 0.00	38.05 0.87 0.00	33.07 0.74 0.00	22.78 0.37 0.00	28.25 0.37 0.00
BOONVILLE_115KV_TB1 79983	20.46 -0.05 -2.20	17.58 -0.05 -1.85	20.38 -0.06 -2.24	20.18 -0.05 -2.22	21.02 -0.01 -2.29	23.36 0.08 -2.47	27.64 0.20 -2.63	36.21 0.26 -3.48	26.57 0.21 -2.72	25.70 0.25 -2.65	27.88 0.39 -2.82	32.72 0.53 -3.19	38.76 0.50 -3.65	44.05 0.49 -4.18	48.63 0.61 -5.45	139.91 2.65 -12.23	58.85 1.40 -1.41	71.64 1.73 0.00	63.59 1.49 0.00	56.80 1.47 0.00	38.14 0.95 0.00	33.16 0.83 0.00	23.00 0.60 0.00	28.61 0.73 0.00
BORALEX_4TH_BRANCH 23824	19.44 1.14 0.00	16.80 1.02 0.00	19.35 1.15 0.00	19.15 1.15 0.00	19.92 1.17 0.00	22.14 1.33 0.00	26.32 1.52 0.00	34.46 2.00 0.00	25.00 1.35 0.00	24.04 1.15 -0.08	25.80 1.12 0.00	30.11 1.11 0.00	36.03 1.42 0.00	41.39 2.00 0.00	44.88 2.31 0.00	142.77 7.38 -10.34	59.05 3.01 0.00	73.70 3.80 0.00	65.51 3.42 0.00	58.02 2.68 0.00	39.39 2.20 0.00	34.24 1.91 0.00	23.57 1.17 0.00	29.23 1.35 0.00
BOWLINE___1 23526	19.34 1.03 0.00	16.63 0.85 0.00	19.14 0.93 0.00	18.93 0.93 0.00	19.63 0.89 0.00	21.90 1.09 0.00	26.14 1.34 0.00	34.39 1.92 0.00	25.01 1.37 0.00	23.24 1.23 0.79	26.10 1.42 0.00	30.73 1.73 0.00	36.70 2.09 0.00	41.84 2.46 0.00	45.26 2.70 0.00	33.64 8.08 99.47	59.98 3.94 0.00	74.49 4.58 0.00	65.81 3.71 0.00	58.39 3.05 0.00	39.22 2.03 0.00	34.12 1.79 0.00	23.57 1.17 0.00	29.21 1.33 0.00
BOWLINE___2 23595	19.34 1.03 0.00	16.63 0.85 0.00	19.14 0.93 0.00	18.93 0.93 0.00	19.63 0.89 0.00	21.90 1.09 0.00	26.14 1.34 0.00	34.39 1.92 0.00	25.01 1.37 0.00	23.24 1.23 0.79	26.10 1.42 0.00	30.73 1.73 0.00	36.70 2.09 0.00	41.84 2.45 0.00	45.26 2.69 0.00	33.67 7.98 99.36	59.92 3.88 0.00	74.37 4.47 0.00	65.69 3.60 0.00	58.30 2.97 0.00	39.16 1.97 0.00	34.08 1.75 0.00	23.55 1.14 0.00	29.18 1.30 0.00
BRADY___115KV_TB2 356060	34.43 0.71 -15.42	29.26 0.55 -12.92	34.63 0.74 -15.69	34.23 0.67 -15.55	35.48 0.73 -16.00	39.15 1.08 -17.27	44.00 1.63 -17.56	59.14 2.28 -24.39	44.32 1.64 -19.04	42.70 1.33 -18.56	46.02 1.64 -19.70	52.97 1.64 -22.32	61.40 1.23 -25.56	70.16 1.52 -29.26	82.64 1.91 -38.16	217.46 6.83 -85.59	70.41 4.48 -9.88	77.07 7.17 0.00	68.82 6.72 0.00	61.99 6.65 0.00	41.52 4.33 0.00	35.85 3.52 0.00	24.77 2.37 0.00	30.83 2.95 0.00
BRANSCOMB___SOLAR 323811	19.17 0.87 0.00	16.55 0.76 0.00	19.07 0.86 0.00	18.88 0.88 0.00	19.65 0.90 0.00	21.89 1.08 0.00	26.12 1.32 0.00	34.21 1.75 0.00	24.75 1.11 0.00	23.80 0.92 -0.07	25.68 1.00 0.00	30.23 1.22 0.00	36.08 1.47 0.00	41.31 1.93 0.00	44.74 2.18 0.00	140.49 6.53 -8.92	59.11 3.07 0.00	73.86 3.95 0.00	65.54 3.44 0.00	58.06 2.73 0.00	39.10 1.92 0.00	33.96 1.63 0.00	23.39 0.99 0.00	28.94 1.06 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.97 1.67 0.00	17.28 1.50 0.00	19.79 1.59 0.00	19.61 1.61 0.00	20.12 1.37 0.00	22.17 1.36 0.00	26.29 1.49 0.00	34.58 2.12 0.00	25.23 1.59 0.00	24.27 1.24 -0.23	26.03 1.38 0.03	25.14 1.36 5.23	27.50 1.71 8.82	29.63 2.10 11.86	29.57 2.41 15.40	161.14 9.51 -26.59	63.61 4.66 -2.91	74.25 4.34 0.00	66.00 3.90 0.00	58.53 3.20 0.00	27.02 1.71 11.88	31.04 1.39 2.68	23.52 1.12 0.00	29.58 1.70 0.00

BRISTLHL_115KV_TB1 79998	17.82 -0.48 0.00	15.36 -0.43 0.00	17.73 -0.48 0.00	17.53 -0.47 0.00	18.26 -0.49 0.00	20.27 -0.54 0.00	24.18 -0.62 0.00	31.52 -0.94 0.00	22.99 -0.65 0.00	22.21 -0.60 0.00	24.03 -0.65 0.00	28.24 -0.76 0.00	33.67 -0.93 0.00	38.23 -1.15 0.00	41.30 -1.27 0.00	121.38 -3.66 0.00	54.51 -1.53 0.00	68.01 -1.90 0.00	60.36 -1.74 0.00	53.72 -1.62 0.00	36.03 -1.16 0.00	31.30 -1.03 0.00	21.73 -0.67 0.00	27.07 -0.81 0.00
BROOKHAVEN___DRP 24191	19.86 1.56 0.00	17.20 1.42 0.00	19.70 1.49 0.00	19.52 1.52 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.12 1.32 0.00	34.35 1.89 0.00	25.03 1.39 0.00	24.04 1.01 -0.23	25.74 1.09 0.03	24.66 0.97 5.32	27.02 1.32 8.90	29.14 1.71 11.95	29.07 2.03 15.52	159.90 8.30 -26.56	63.12 4.22 -2.86	73.53 3.62 0.00	65.10 3.00 0.00	57.79 2.45 0.00	26.39 1.18 11.98	30.79 1.16 2.70	23.35 0.95 0.00	29.40 1.52 0.00
BROOKLYN_NAVY_YARD 23515	19.51 1.20 0.00	16.77 0.99 0.00	19.28 1.09 0.00	19.09 1.08 0.00	19.77 1.02 0.00	22.05 1.24 0.00	26.36 1.56 0.00	34.71 2.25 0.00	25.28 1.64 0.00	24.55 1.52 -0.23	26.51 1.83 0.00	31.10 2.10 0.00	37.11 2.50 0.00	42.27 2.89 0.00	45.74 3.17 0.00	164.29 9.29 -29.96	60.59 4.55 0.00	75.33 5.42 0.00	66.48 4.38 0.00	58.96 3.62 0.00	39.62 2.43 0.00	34.47 2.14 0.00	23.78 1.38 0.00	29.43 1.55 0.00
BROOKLYN___ARMY_DRP 323595	19.64 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.34 2.96 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
BROOKVLE_69_KV_TB1 55790	19.76 1.46 0.00	17.04 1.25 0.00	19.55 1.35 0.00	19.36 1.35 0.00	19.98 1.23 0.00	22.16 1.35 0.00	26.39 1.59 0.00	34.74 2.27 0.00	25.32 1.68 0.00	24.49 1.46 -0.23	26.27 1.60 0.01	28.77 1.87 2.10	31.71 2.31 5.20	35.04 2.76 7.10	36.35 3.05 9.26	163.30 10.40 -27.87	65.88 5.19 -4.64	75.78 5.87 0.00	67.16 5.06 0.00	59.47 4.13 0.00	32.47 2.36 7.08	32.67 1.96 1.62	23.75 1.35 0.00	29.61 1.74 0.00
BROOME_2_LFGE 323671	18.05 -0.25 0.00	15.55 -0.23 0.00	17.97 -0.24 0.00	17.78 -0.22 0.00	18.55 -0.19 0.00	20.59 -0.22 0.00	24.62 -0.19 0.00	32.19 -0.28 0.00	23.46 -0.18 0.00	22.73 -0.08 0.00	24.66 -0.02 0.00	29.03 0.02 0.00	34.62 0.01 0.00	39.21 -0.17 0.00	42.36 -0.20 0.00	124.60 -0.44 0.00	55.96 -0.08 0.00	69.55 -0.36 0.00	61.68 -0.42 0.00	55.04 -0.29 0.00	36.78 -0.41 0.00	31.91 -0.42 0.00	22.17 -0.23 0.00	27.71 -0.17 0.00
BROOME___LFGE 323600	18.05 -0.25 0.00	15.55 -0.23 0.00	17.97 -0.24 0.00	17.78 -0.22 0.00	18.55 -0.19 0.00	20.59 -0.22 0.00	24.62 -0.19 0.00	32.19 -0.28 0.00	23.46 -0.18 0.00	22.73 -0.08 0.00	24.66 -0.02 0.00	29.03 0.02 0.00	34.62 0.01 0.00	39.21 -0.17 0.00	42.36 -0.20 0.00	124.60 -0.44 0.00	55.96 -0.08 0.00	69.55 -0.36 0.00	61.68 -0.42 0.00	55.04 -0.29 0.00	36.78 -0.41 0.00	31.91 -0.42 0.00	22.17 -0.23 0.00	27.71 -0.17 0.00
BROWNFLS_115KV_TB_3_5 80003	28.49 -0.28 -10.47	24.28 -0.27 -8.77	28.58 -0.27 -10.64	28.27 -0.29 -10.56	29.31 -0.30 -10.86	32.39 -0.14 -11.72	36.78 0.03 -11.94	49.12 0.11 -16.55	36.67 0.10 -12.92	35.48 0.08 -12.60	38.30 0.26 -13.37	44.52 0.37 -15.15	52.01 0.06 -17.35	59.20 -0.04 -19.86	68.52 0.06 -25.90	184.86 1.73 -58.08	64.21 1.47 -6.70	72.35 2.44 0.00	64.50 2.41 0.00	57.99 2.66 0.00	38.97 1.78 0.00	33.85 1.52 0.00	23.49 1.09 0.00	29.27 1.39 0.00
BROWNSV1_27_KV_LOAD 356125	19.72 1.42 0.00	16.95 1.16 0.00	19.49 1.29 0.00	19.28 1.28 0.00	19.97 1.23 0.00	22.28 1.47 0.00	26.66 1.86 0.00	35.11 2.65 0.00	25.58 1.94 0.00	24.83 1.80 -0.23	26.76 2.09 0.00	31.46 2.46 0.00	37.54 2.94 0.00	42.77 3.39 0.00	46.28 3.72 0.00	165.77 10.99 -29.74	61.35 5.31 0.00	76.22 6.31 0.00	67.25 5.16 0.00	59.66 4.33 0.00	40.08 2.90 0.00	34.87 2.54 0.00	24.06 1.66 0.00	29.79 1.92 0.00
BURROWS___LYONSDAL 23803	21.00 -0.22 -2.91	18.03 -0.20 -2.44	20.94 -0.23 -2.96	20.73 -0.21 -2.94	21.58 -0.19 -3.02	23.98 -0.09 -3.26	28.21 0.00 -3.40	37.06 -0.01 -4.61	27.26 0.03 -3.60	26.38 0.07 -3.51	28.62 0.22 -3.72	33.60 0.38 -4.22	39.72 0.28 -4.83	45.12 0.21 -5.53	50.08 0.31 -7.21	143.33 2.12 -16.17	59.13 1.22 -1.87	71.46 1.55 0.00	63.45 1.35 0.00	56.77 1.44 0.00	38.13 0.94 0.00	33.16 0.83 0.00	23.02 0.62 0.00	28.66 0.78 0.00
CAITHNESS_CC_1 323624	19.84 1.54 0.00	17.19 1.40 0.00	19.68 1.47 0.00	19.49 1.49 0.00	20.00 1.25 0.00	21.98 1.17 0.00	26.07 1.27 0.00	34.30 1.84 0.00	25.00 1.36 0.00	24.03 1.00 -0.23	25.74 1.09 0.03	24.65 0.97 5.32	27.01 1.31 8.90	29.09 1.67 11.96	29.01 1.97 15.52	159.68 8.09 -26.56	63.01 4.11 -2.86	73.53 3.62 0.00	65.17 3.07 0.00	57.79 2.45 0.00	26.38 1.18 11.98	30.72 1.09 2.70	23.32 0.92 0.00	29.35 1.47 0.00
CALPINE BETH_PAGE_GT4 24209	19.82 1.52 0.00	17.13 1.34 0.00	19.63 1.43 0.00	19.43 1.43 0.00	19.99 1.25 0.00	22.10 1.29 0.00	26.24 1.43 0.00	34.52 2.06 0.00	25.17 1.53 0.00	24.28 1.25 -0.23	26.05 1.39 0.02	26.59 1.48 3.89	28.73 1.86 7.73	31.17 2.25 10.46	31.47 2.53 13.62	161.12 9.11 -26.97	64.30 4.72 -3.54	74.91 5.01 0.00	66.55 4.46 0.00	58.92 3.59 0.00	28.55 1.82 10.45	31.54 1.58 2.38	23.58 1.18 0.00	29.53 1.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.82 1.52 0.00	17.13 1.34 0.00	19.63 1.43 0.00	19.44 1.43 0.00	20.00 1.25 0.00	22.10 1.29 0.00	26.24 1.43 0.00	34.52 2.06 0.00	25.17 1.53 0.00	24.29 1.25 -0.23	26.05 1.39 0.02	26.59 1.48 3.89	28.74 1.86 7.73	31.18 2.26 10.46	31.47 2.53 13.62	161.19 9.19 -26.97	64.30 4.71 -3.54	74.91 5.01 0.00	66.55 4.46 0.00	58.92 3.59 0.00	28.56 1.83 10.45	31.54 1.59 2.38	23.58 1.18 0.00	29.53 1.66 0.00
CALPINE_BP_GT1 23823	19.82 1.52 0.00	17.13 1.34 0.00	19.63 1.43 0.00	19.44 1.43 0.00	20.00 1.25 0.00	22.10 1.29 0.00	26.24 1.43 0.00	34.52 2.06 0.00	25.17 1.53 0.00	24.29 1.25 -0.23	26.05 1.39 0.02	26.59 1.48 3.89	28.74 1.86 7.73	31.18 2.26 10.46	31.47 2.53 13.62	161.19 9.19 -26.97	64.30 4.71 -3.54	74.91 5.01 0.00	66.55 4.46 0.00	58.92 3.59 0.00	28.56 1.83 10.45	31.54 1.59 2.38	23.58 1.18 0.00	29.53 1.66 0.00
CALSPAN___DRP 24200	17.09 -1.21 0.00	14.71 -1.08 0.00	17.14 -1.06 0.00	16.95 -1.05 0.00	17.70 -1.05 0.00	19.71 -1.10 0.00	23.64 -1.16 0.00	30.47 -2.00 0.00	22.39 -1.25 0.00	21.89 -0.91 0.00	23.54 -1.14 0.00	27.59 -1.41 0.00	32.92 -1.68 0.00	37.08 -2.30 0.00	39.95 -2.61 0.00	116.77 -8.27 0.00	53.15 -2.90 0.00	66.33 -3.57 0.00	58.84 -3.26 0.00	52.54 -2.80 0.00	34.81 -2.37 0.00	30.25 -2.08 0.00	21.38 -1.02 0.00	27.13 -0.75 0.00

CALVERTON___SOLAR 323806	19.87 1.57 0.00	17.21 1.43 0.00	19.71 1.50 0.00	19.52 1.52 0.00	20.03 1.29 0.00	22.03 1.22 0.00	26.15 1.34 0.00	34.39 1.93 0.00	25.04 1.40 0.00	24.05 1.02 -0.23	25.74 1.09 0.03	24.64 0.95 5.32	27.02 1.32 8.90	29.14 1.71 11.95	29.11 2.07 15.52	160.06 8.46 -26.56	63.21 4.30 -2.86	73.53 3.62 0.00	65.05 2.95 0.00	57.78 2.44 0.00	26.39 1.18 11.98	30.83 1.21 2.70	23.38 0.98 0.00	29.43 1.55 0.00
CANDIGU_WT_PWR 323617	16.89 -1.41 0.00	14.53 -1.26 0.00	16.84 -1.37 0.00	16.67 -1.33 0.00	17.41 -1.34 0.00	19.39 -1.42 0.00	23.39 -1.41 0.00	30.60 -1.86 0.00	22.22 -1.42 0.00	21.49 -1.32 0.00	23.35 -1.33 0.00	27.47 -1.54 0.00	32.86 -1.74 0.00	37.15 -2.23 0.00	40.67 -1.89 0.00	119.87 -5.17 0.00	54.23 -1.82 0.00	67.33 -2.58 0.00	59.91 -2.19 0.00	53.63 -1.70 0.00	35.61 -1.58 0.00	30.74 -1.59 0.00	21.44 -0.97 0.00	26.97 -0.91 0.00
CARR STREET_E_SYR 24060	17.93 -0.36 0.00	15.45 -0.33 0.00	17.84 -0.37 0.00	17.66 -0.35 0.00	18.39 -0.35 0.00	20.43 -0.38 0.00	24.37 -0.43 0.00	31.79 -0.68 0.00	23.18 -0.46 0.00	22.41 -0.39 0.00	24.25 -0.43 0.00	28.51 -0.50 0.00	33.99 -0.61 0.00	38.60 -0.79 0.00	41.70 -0.86 0.00	122.42 -2.62 0.00	54.91 -1.13 0.00	68.42 -1.49 0.00	60.67 -1.43 0.00	54.01 -1.32 0.00	36.20 -0.98 0.00	31.52 -0.81 0.00	21.89 -0.52 0.00	27.28 -0.60 0.00
CARTHAGE___PAPER 23857	22.57 -0.47 -4.75	19.33 -0.44 -3.98	22.54 -0.49 -4.83	22.33 -0.46 -4.78	23.19 -0.48 -4.92	25.76 -0.36 -5.31	30.01 -0.24 -5.45	39.68 -0.29 -7.51	29.32 -0.18 -5.86	28.40 -0.11 -5.71	30.79 0.05 -6.06	36.09 0.22 -6.87	42.37 -0.11 -7.87	48.05 -0.34 -9.00	53.96 -0.34 -11.74	152.70 1.32 -26.34	60.23 1.15 -3.04	71.58 1.67 0.00	63.71 1.62 0.00	57.20 1.86 0.00	38.45 1.27 0.00	33.48 1.15 0.00	23.26 0.86 0.00	28.96 1.08 0.00
CASSADAGA_WT_PWR 323784	16.70 -1.60 0.00	14.37 -1.41 0.00	16.73 -1.47 0.00	16.64 -1.36 0.00	17.41 -1.33 0.00	19.71 -1.10 0.00	23.74 -1.07 0.00	30.18 -2.29 0.00	22.28 -1.36 0.00	21.90 -0.90 0.00	23.72 -0.96 0.00	28.02 -0.99 0.00	33.83 -0.77 0.00	38.41 -0.97 0.00	41.39 -1.17 0.00	121.82 -3.22 0.00	55.14 -0.90 0.00	68.38 -1.52 0.00	60.43 -1.67 0.00	53.59 -1.74 0.00	35.55 -1.64 0.00	31.10 -1.24 0.00	21.87 -0.53 0.00	27.86 -0.02 0.00
CE_DUNWOOD___DRP 24194	19.43 1.13 0.00	16.73 0.94 0.00	19.24 1.04 0.00	19.04 1.04 0.00	19.73 0.98 0.00	21.99 1.18 0.00	26.28 1.48 0.00	34.58 2.12 0.00	25.17 1.53 0.00	24.42 1.38 -0.23	26.27 1.59 0.00	30.89 1.89 0.00	36.88 2.28 0.00	42.03 2.65 0.00	45.49 2.93 0.00	164.56 8.88 -30.64	60.33 4.28 0.00	74.99 5.08 0.00	66.24 4.14 0.00	58.75 3.42 0.00	39.46 2.27 0.00	34.33 2.00 0.00	23.69 1.29 0.00	29.35 1.47 0.00
CE_MILLWOOD___DRP 24193	19.39 1.09 0.00	16.69 0.91 0.00	19.20 0.99 0.00	18.99 0.99 0.00	19.69 0.94 0.00	21.95 1.14 0.00	26.22 1.41 0.00	34.48 2.02 0.00	25.09 1.45 0.00	24.37 1.31 -0.26	26.19 1.51 0.00	30.80 1.80 0.00	36.76 2.16 0.00	41.94 2.56 0.00	45.39 2.82 0.00	165.85 8.55 -32.27	60.19 4.15 0.00	74.81 4.90 0.00	66.11 4.01 0.00	58.64 3.31 0.00	39.39 2.20 0.00	34.26 1.93 0.00	23.64 1.24 0.00	29.29 1.41 0.00
CE_NYC2_DRP 24202	19.58 1.28 0.00	16.83 1.05 0.00	19.35 1.15 0.00	19.14 1.14 0.00	19.82 1.07 0.00	22.11 1.30 0.00	26.45 1.65 0.00	34.84 2.38 0.00	25.38 1.74 0.00	24.63 1.60 -0.23	26.54 1.86 0.00	31.20 2.20 0.00	37.20 2.59 0.00	42.36 2.97 0.00	45.84 3.28 0.00	164.40 9.63 -29.73	60.75 4.71 0.00	75.46 5.55 0.00	66.57 4.48 0.00	59.07 3.73 0.00	39.75 2.57 0.00	34.58 2.25 0.00	23.85 1.45 0.00	29.52 1.64 0.00
CE_NYC_DRP 24195	19.59 1.29 0.00	16.84 1.05 0.00	19.37 1.17 0.00	19.17 1.16 0.00	19.85 1.10 0.00	22.14 1.33 0.00	26.47 1.67 0.00	34.85 2.39 0.00	25.38 1.74 0.00	24.65 1.62 -0.23	26.57 1.89 0.00	31.23 2.23 0.00	37.26 2.66 0.00	42.45 3.07 0.00	45.93 3.37 0.00	164.75 9.97 -29.74	60.86 4.82 0.00	75.61 5.70 0.00	66.70 4.61 0.00	59.16 3.82 0.00	39.75 2.56 0.00	34.59 2.26 0.00	23.88 1.48 0.00	29.57 1.69 0.00
CHAFFEE___LFGE 323603	17.25 -1.05 0.00	14.84 -0.94 0.00	17.28 -0.92 0.00	17.09 -0.91 0.00	17.84 -0.91 0.00	19.87 -0.94 0.00	23.86 -0.95 0.00	30.78 -1.68 0.00	22.64 -1.00 0.00	22.10 -0.70 0.00	23.78 -0.90 0.00	27.89 -1.11 0.00	33.27 -1.33 0.00	37.48 -1.90 0.00	40.36 -2.20 0.00	118.00 -7.04 0.00	53.80 -2.25 0.00	67.13 -2.78 0.00	59.55 -2.54 0.00	53.18 -2.15 0.00	35.23 -1.96 0.00	30.58 -1.75 0.00	21.58 -0.82 0.00	27.33 -0.55 0.00
CHATEAUG_35_KV_LOAD 355732	-8.61 -0.51 26.40	-6.81 -0.49 22.11	-9.15 -0.50 26.85	-9.14 -0.52 26.62	-9.18 -0.54 27.39	-9.31 -0.57 29.55	-9.29 -0.65 33.44	-9.97 -0.68 41.76	-9.45 -0.49 32.60	-9.41 -0.43 31.78	-9.53 -0.49 33.72	-9.79 -0.59 38.21	-9.85 -0.70 43.76	-11.49 -0.80 50.08	-23.61 -0.85 65.32	-24.66 -3.19 146.51	37.94 -1.19 16.91	69.14 -0.77 0.00	62.17 0.07 0.00	56.23 0.89 0.00	38.03 0.84 0.00	33.05 0.72 0.00	22.93 0.53 0.00	28.59 0.72 0.00
CHATEAUG_WT_PWR 323614	-7.02 -0.68 24.64	-5.50 -0.64 20.64	-7.53 -0.67 25.06	-7.53 -0.69 24.85	-7.53 -0.71 25.56	-7.53 -0.76 27.58	-7.53 -0.88 31.45	-7.53 -1.02 38.97	-7.53 -1.02 30.43	-7.53 -0.67 29.66	-7.53 -0.74 31.47	-7.53 -0.86 35.67	-7.25 -1.01 40.84	-8.40 -1.04 46.75	-19.58 -1.17 60.97	-15.76 -4.05 136.75	38.74 -1.51 15.79	68.76 -1.15 0.00	61.89 -0.20 0.00	56.00 0.67 0.00	37.98 0.80 0.00	33.02 0.69 0.00	22.90 0.50 0.00	28.52 0.64 0.00
CHAT_HIGH_FALL_HYD 323578	-8.61 -0.51 26.40	-6.81 -0.49 22.11	-9.15 -0.50 26.85	-9.14 -0.52 26.62	-9.18 -0.54 27.39	-9.31 -0.57 29.55	-9.29 -0.65 33.44	-9.97 -0.68 41.76	-9.45 -0.49 32.60	-9.41 -0.43 31.78	-9.53 -0.49 33.72	-9.79 -0.59 38.21	-9.85 -0.70 43.76	-11.49 -0.80 50.08	-23.61 -0.85 65.32	-24.66 -3.19 146.51	37.94 -1.19 16.91	69.14 -0.77 0.00	62.17 0.07 0.00	56.23 0.89 0.00	38.03 0.84 0.00	33.05 0.72 0.00	22.93 0.53 0.00	28.59 0.72 0.00
CHAUTAUQUA___LFGE 323629	16.99 -1.32 0.00	14.60 -1.19 0.00	16.99 -1.22 0.00	16.85 -1.15 0.00	17.59 -1.15 0.00	19.76 -1.05 0.00	23.77 -1.03 0.00	30.50 -1.96 0.00	22.44 -1.20 0.00	21.96 -0.84 0.00	23.75 -0.93 0.00	28.00 -1.00 0.00	33.58 -1.03 0.00	37.96 -1.43 0.00	40.90 -1.66 0.00	120.08 -4.96 0.00	54.43 -1.62 0.00	67.56 -2.34 0.00	59.78 -2.32 0.00	53.22 -2.12 0.00	35.29 -1.90 0.00	30.76 -1.57 0.00	21.65 -0.75 0.00	27.51 -0.36 0.00
CHERRYST_13_KV_LD 356241	19.62 1.32 0.00	16.87 1.08 0.00	19.40 1.20 0.00	19.21 1.20 0.00	19.89 1.14 0.00	22.19 1.38 0.00	26.54 1.74 0.00	34.95 2.48 0.00	25.46 1.82 0.00	24.73 1.70 -0.23	26.65 1.98 0.00	31.33 2.33 0.00	37.39 2.78 0.00	42.60 3.22 0.00	46.08 3.51 0.00	165.24 10.46 -29.74	61.07 5.03 0.00	75.86 5.96 0.00	66.90 4.80 0.00	59.32 3.99 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.94 1.54 0.00	29.63 1.75 0.00

CHESTROR_138KV_BK263 355645	19.27 0.97 0.00	16.58 0.79 0.00	19.07 0.87 0.00	18.87 0.86 0.00	19.58 0.83 0.00	21.83 1.02 0.00	26.07 1.26 0.00	34.26 1.80 0.00	24.91 1.27 0.00	23.25 1.12 0.67	25.98 1.30 0.00	30.60 1.59 0.00	36.52 1.92 0.00	41.64 2.26 0.00	45.09 2.53 0.00	47.57 7.61 85.08	59.82 3.78 0.00	74.35 4.44 0.00	65.69 3.60 0.00	58.32 2.99 0.00	39.17 1.98 0.00	34.07 1.74 0.00	23.53 1.13 0.00	29.16 1.28 0.00
CH_MIDHUDSON___DRP 24192	19.33 1.03 0.00	16.65 0.86 0.00	19.15 0.95 0.00	18.95 0.95 0.00	19.68 0.93 0.00	21.91 1.10 0.00	26.17 1.37 0.00	34.40 1.94 0.00	25.02 1.38 0.00	24.04 1.23 0.00	26.06 1.38 0.00	30.62 1.61 0.00	36.56 1.96 0.00	41.74 2.36 0.00	45.21 2.65 0.00	133.18 8.14 0.00	59.95 3.91 0.00	74.66 4.76 0.00	66.04 3.94 0.00	58.57 3.23 0.00	39.36 2.18 0.00	34.21 1.88 0.00	23.59 1.19 0.00	29.20 1.32 0.00
CH_MISC_IPPS 23765	19.44 1.14 0.00	16.73 0.95 0.00	19.25 1.05 0.00	19.05 1.04 0.00	19.77 1.02 0.00	22.04 1.23 0.00	26.34 1.54 0.00	34.62 2.16 0.00	25.17 1.53 0.00	24.09 1.37 0.08	26.23 1.55 0.00	30.85 1.85 0.00	36.86 2.25 0.00	42.05 2.67 0.00	45.56 3.00 0.00	124.06 9.25 10.22	60.45 4.41 0.00	75.28 5.37 0.00	66.54 4.45 0.00	59.02 3.69 0.00	39.64 2.45 0.00	34.44 2.11 0.00	23.75 1.35 0.00	29.41 1.53 0.00
CH_RES_BVR_FALLS 23983	17.05 -0.41 0.84	14.72 -0.36 0.70	16.94 -0.41 0.85	16.75 -0.41 0.84	17.45 -0.43 0.87	19.39 -0.48 0.94	20.10 -0.60 4.11	30.42 -0.72 1.32	22.10 -0.51 1.03	21.33 -0.47 1.01	23.15 -0.46 1.07	27.27 -0.52 1.21	32.68 -0.54 1.39	37.16 -0.63 1.59	39.82 -0.67 2.07	118.86 -1.54 4.64	54.74 -0.77 0.54	69.04 -0.86 0.00	61.51 -0.59 0.00	55.03 -0.31 0.00	37.01 -0.18 0.00	32.19 -0.15 0.00	22.39 -0.02 0.00	27.95 0.07 0.00
CH_RES_NIAGARA 23895	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.54 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.11 -1.70 0.00	22.87 -1.94 0.00	29.30 -3.16 0.00	21.62 -2.02 0.00	21.15 -1.66 0.00	22.63 -2.04 0.00	26.44 -2.56 0.00	31.49 -3.12 0.00	35.40 -3.98 0.00	38.06 -4.50 0.00	110.93 -14.11 0.00	50.37 -5.68 0.00	63.10 -6.81 0.00	55.85 -6.25 0.00	49.85 -5.48 0.00	33.08 -4.11 0.00	28.79 -3.54 0.00	20.48 -1.93 0.00	26.05 -1.83 0.00
CH_RES_SYRACUSE 23985	18.03 -0.28 0.00	15.53 -0.25 0.00	17.92 -0.28 0.00	17.74 -0.27 0.00	18.48 -0.27 0.00	20.51 -0.30 0.00	24.48 -0.33 0.00	31.93 -0.53 0.00	23.27 -0.37 0.00	22.49 -0.31 0.00	24.34 -0.34 0.00	28.61 -0.39 0.00	34.13 -0.48 0.00	38.75 -0.63 0.00	41.86 -0.70 0.00	123.01 -2.03 0.00	55.24 -0.80 0.00	68.90 -1.00 0.00	61.11 -0.99 0.00	54.40 -0.93 0.00	36.45 -0.73 0.00	31.67 -0.66 0.00	21.99 -0.41 0.00	27.40 -0.48 0.00
CLINTON_WT_PWR 323605	-7.02 -0.68 24.64	-5.50 -0.64 20.64	-7.53 -0.67 25.06	-7.53 -0.69 24.85	-7.53 -0.71 25.56	-7.53 -0.76 27.58	-7.53 -0.88 31.45	-7.53 -1.02 38.97	-7.53 -0.74 30.43	-7.53 -0.67 29.66	-7.53 -0.74 31.47	-7.53 -0.86 35.67	-7.25 -1.01 40.84	-8.40 -1.04 46.75	-19.58 -1.17 60.97	-15.76 -4.05 136.75	38.74 -1.51 15.79	68.76 -1.15 0.00	61.89 -0.20 0.00	56.00 0.67 0.00	37.98 0.80 0.00	33.02 0.69 0.00	22.90 0.50 0.00	28.52 0.64 0.00
CLINTON___LFGE 323618	-7.55 -0.61 25.23	-5.96 -0.61 21.13	-8.07 -0.61 25.66	-8.06 -0.62 25.45	-8.09 -0.66 26.18	-8.05 -0.62 28.25	-8.06 -0.75 32.12	-8.31 -0.87 39.91	-8.15 -0.63 31.16	-8.13 -0.56 30.37	-8.13 -0.59 32.23	-8.24 -0.72 36.52	-7.95 -0.73 41.82	-9.24 -0.75 47.87	-20.70 -0.83 62.44	-18.36 -3.37 140.04	38.70 -1.18 16.17	69.29 -0.62 0.00	62.42 0.33 0.00	56.63 1.29 0.00	38.57 1.38 0.00	33.51 1.18 0.00	23.21 0.81 0.00	28.88 1.00 0.00
COBBLENY_34_KV_TB1 80064	17.26 -1.05 0.00	14.84 -0.94 0.00	17.28 -0.92 0.00	17.09 -0.91 0.00	17.84 -0.91 0.00	19.87 -0.94 0.00	23.85 -0.95 0.00	30.79 -1.67 0.00	22.64 -1.00 0.00	22.12 -0.69 0.00	23.79 -0.89 0.00	27.90 -1.10 0.00	33.28 -1.33 0.00	37.49 -1.89 0.00	40.38 -2.19 0.00	118.02 -7.02 0.00	53.79 -2.25 0.00	67.14 -2.77 0.00	59.55 -2.55 0.00	53.19 -2.15 0.00	35.24 -1.95 0.00	30.59 -1.74 0.00	21.58 -0.82 0.00	27.33 -0.55 0.00
COFFEEN___115KV_TB3 355620	21.75 -0.50 -3.95	18.62 -0.47 -3.30	21.69 -0.53 -4.01	21.49 -0.49 -3.98	22.33 -0.52 -4.09	24.82 -0.41 -4.42	29.06 -0.28 -4.53	38.35 -0.35 -6.24	28.30 -0.21 -4.87	27.44 -0.11 -4.75	29.75 0.03 -5.04	34.89 0.18 -5.71	40.88 -0.27 -6.54	46.43 -0.44 -7.48	51.81 -0.52 -9.76	147.89 0.95 -21.90	59.56 0.98 -2.53	71.41 1.50 0.00	63.54 1.44 0.00	56.95 1.61 0.00	38.29 1.10 0.00	33.32 0.98 0.00	23.13 0.73 0.00	28.77 0.89 0.00
COLDSPRG_115KV_BK1 355956	17.60 -0.71 0.00	15.12 -0.66 0.00	17.58 -0.62 0.00	17.44 -0.56 0.00	18.24 -0.51 0.00	20.43 -0.38 0.00	24.52 -0.29 0.00	31.53 -0.93 0.00	23.25 -0.39 0.00	22.81 0.00 0.00	24.71 0.03 0.00	29.15 0.15 0.00	34.95 0.34 0.00	39.49 0.11 0.00	42.44 -0.12 0.00	124.38 -0.65 0.00	56.36 0.32 0.00	69.92 0.02 0.00	61.88 -0.22 0.00	55.14 -0.19 0.00	36.55 -0.64 0.00	31.77 -0.56 0.00	22.32 -0.08 0.00	28.33 0.45 0.00
COLONIE_LFGE___ 323577	19.07 0.77 0.00	16.47 0.68 0.00	18.97 0.76 0.00	18.77 0.78 0.00	19.53 0.78 0.00	21.72 0.91 0.00	25.88 1.08 0.00	33.91 1.45 0.00	24.60 0.96 0.00	23.70 0.82 -0.07	25.53 0.85 0.00	29.95 0.94 0.00	35.76 1.15 0.00	40.93 1.55 0.00	44.32 1.76 0.00	139.85 5.52 -9.30	58.47 2.42 0.00	72.99 3.09 0.00	64.78 2.68 0.00	57.43 2.10 0.00	38.77 1.58 0.00	33.68 1.35 0.00	23.19 0.78 0.00	28.73 0.85 0.00
COOPERNY_115KV_TB1 80082	19.21 0.91 0.00	16.53 0.74 0.00	19.02 0.81 0.00	18.80 0.80 0.00	19.51 0.76 0.00	21.76 0.95 0.00	25.97 1.17 0.00	34.13 1.67 0.00	24.83 1.19 0.00	23.36 1.04 0.48	25.90 1.22 0.00	30.50 1.50 0.00	36.43 1.83 0.00	41.49 2.11 0.00	44.92 2.35 0.00	71.29 7.09 60.84	59.57 3.53 0.00	74.06 4.16 0.00	65.46 3.36 0.00	58.14 2.80 0.00	39.03 1.85 0.00	33.95 1.62 0.00	23.47 1.06 0.00	29.09 1.21 0.00
COPENHAGEN_WT_PWR 323753	21.17 -0.86 -3.73	18.14 -0.77 -3.13	21.12 -0.88 -3.80	20.93 -0.83 -3.77	21.74 -0.88 -3.87	24.16 -0.83 -4.18	28.27 -0.82 -4.29	37.27 -1.09 -5.90	27.50 -0.75 -4.61	26.67 -0.62 -4.49	28.92 -0.52 -4.77	33.99 -0.42 -5.40	39.86 -0.93 -6.18	45.28 -1.18 -7.08	50.52 -1.27 -9.24	144.45 -1.31 -20.71	58.32 -0.11 -2.39	69.85 -0.05 0.00	62.23 0.13 0.00	55.83 0.50 0.00	37.63 0.44 0.00	32.81 0.48 0.00	22.83 0.43 0.00	28.42 0.54 0.00
CORNELL_____ 23752	18.22 -0.08 0.00	15.70 -0.09 0.00	18.12 -0.08 0.00	17.93 -0.07 0.00	18.70 -0.04 0.00	20.80 -0.01 0.00	24.89 0.08 0.00	32.55 0.08 0.00	23.73 0.09 0.00	22.97 0.16 0.00	24.87 0.19 0.00	29.26 0.26 0.00	34.85 0.24 0.00	39.60 0.22 0.00	42.84 0.28 0.00	126.08 1.04 0.00	56.66 0.62 0.00	70.61 0.70 0.00	62.64 0.54 0.00	55.82 0.49 0.00	37.30 0.12 0.00	32.33 0.00 0.00	22.43 0.03 0.00	27.96 0.08 0.00

CORONA_69_KV_TB1 355595	19.79 1.49 0.00	17.09 1.30 0.00	19.59 1.38 0.00	19.39 1.39 0.00	19.98 1.23 0.00	22.12 1.31 0.00	26.28 1.48 0.00	34.56 2.09 0.00	25.21 1.57 0.00	24.37 1.34 -0.23	26.19 1.52 0.00	30.31 1.67 0.36	29.58 2.09 7.11	31.92 2.50 9.96	32.08 2.65 13.14	162.64 9.79 -27.81	66.16 5.05 -5.07	75.54 5.64 0.00	67.13 5.03 0.00	59.43 4.10 0.00	29.61 2.08 9.66	31.73 1.67 2.26	23.59 1.19 0.00	29.48 1.60 0.00
CORTLAND_115KV_TB3 80093	18.20 -0.11 0.00	15.68 -0.11 0.00	18.10 -0.10 0.00	17.91 -0.09 0.00	18.68 -0.06 0.00	20.76 -0.05 0.00	24.82 0.02 0.00	32.45 -0.02 0.00	23.66 0.02 0.00	22.88 0.08 0.00	24.79 0.11 0.00	29.17 0.16 0.00	34.76 0.15 0.00	39.49 0.11 0.00	42.69 0.12 0.00	125.58 0.54 0.00	56.37 0.33 0.00	70.18 0.27 0.00	62.23 0.14 0.00	55.47 0.13 0.00	37.11 -0.08 0.00	32.21 -0.13 0.00	22.34 -0.06 0.00	27.84 -0.04 0.00
COXSACKIE___GT 23611	19.31 1.00 0.00	16.71 0.92 0.00	19.22 1.02 0.00	19.01 1.00 0.00	19.83 1.08 0.00	22.03 1.22 0.00	26.39 1.59 0.00	34.59 2.12 0.00	24.84 1.20 0.00	23.67 0.87 0.00	25.50 0.82 0.00	30.38 1.38 0.00	36.03 1.43 0.00	41.23 1.85 0.00	44.90 2.33 0.00	133.19 8.15 0.00	59.88 3.83 0.00	75.16 5.26 0.00	66.66 4.57 0.00	58.93 3.60 0.00	39.66 2.48 0.00	34.31 1.98 0.00	23.46 1.06 0.00	28.99 1.12 0.00
CPV_VALLEY___CC1 323721	19.19 0.89 0.00	16.51 0.72 0.00	18.99 0.79 0.00	18.79 0.78 0.00	19.50 0.75 0.00	21.74 0.93 0.00	25.94 1.14 0.00	34.10 1.63 0.00	24.79 1.15 0.00	23.22 1.02 0.60	25.88 1.20 0.00	30.46 1.46 0.00	36.38 1.77 0.00	41.46 2.07 0.00	44.87 2.31 0.00	55.86 6.94 76.12	59.47 3.43 0.00	73.92 4.01 0.00	65.34 3.24 0.00	58.00 2.67 0.00	38.95 1.77 0.00	33.89 1.56 0.00	23.42 1.02 0.00	29.02 1.14 0.00
CPV_VALLEY___CC2 323722	19.19 0.89 0.00	16.51 0.72 0.00	18.99 0.79 0.00	18.79 0.78 0.00	19.50 0.75 0.00	21.74 0.93 0.00	25.94 1.14 0.00	34.10 1.63 0.00	24.79 1.15 0.00	23.22 1.02 0.60	25.88 1.20 0.00	30.46 1.46 0.00	36.38 1.77 0.00	41.46 2.07 0.00	44.87 2.31 0.00	55.86 6.94 76.12	59.47 3.43 0.00	73.92 4.01 0.00	65.34 3.24 0.00	58.00 2.67 0.00	38.95 1.77 0.00	33.89 1.56 0.00	23.42 1.02 0.00	29.02 1.14 0.00
CRESCENT___HYD 24018	19.07 0.77 0.00	16.47 0.68 0.00	18.97 0.76 0.00	18.77 0.78 0.00	19.53 0.78 0.00	21.72 0.91 0.00	25.88 1.08 0.00	33.91 1.45 0.00	24.60 0.96 0.00	23.70 0.82 -0.07	25.53 0.85 0.00	29.95 0.94 0.00	35.76 1.15 0.00	40.93 1.55 0.00	44.32 1.76 0.00	139.85 5.52 -9.30	58.47 2.42 0.00	72.99 3.09 0.00	64.78 2.68 0.00	57.43 2.10 0.00	38.77 1.58 0.00	33.68 1.35 0.00	23.19 0.78 0.00	28.73 0.85 0.00
CRICKET___VALLEY_CC1 323756	19.19 0.88 0.00	16.54 0.75 0.00	19.02 0.82 0.00	18.82 0.82 0.00	19.55 0.80 0.00	21.77 0.95 0.00	25.97 1.17 0.00	34.12 1.66 0.00	24.81 1.17 0.00	23.99 1.03 -0.16	25.81 1.13 0.00	30.26 1.26 0.00	36.11 1.50 0.00	41.31 1.93 0.00	44.77 2.20 0.00	151.90 6.83 -20.03	59.29 3.25 0.00	73.96 4.05 0.00	65.48 3.39 0.00	58.05 2.71 0.00	39.05 1.86 0.00	33.94 1.61 0.00	23.37 0.97 0.00	28.89 1.02 0.00
CRICKET___VALLEY_CC2 323757	19.19 0.88 0.00	16.54 0.75 0.00	19.02 0.82 0.00	18.82 0.82 0.00	19.55 0.80 0.00	21.77 0.95 0.00	25.97 1.17 0.00	34.12 1.66 0.00	24.81 1.17 0.00	23.99 1.03 -0.16	25.81 1.13 0.00	30.26 1.26 0.00	36.11 1.50 0.00	41.31 1.93 0.00	44.77 2.20 0.00	151.90 6.83 -20.03	59.29 3.25 0.00	73.96 4.05 0.00	65.48 3.39 0.00	58.05 2.71 0.00	39.05 1.86 0.00	33.94 1.61 0.00	23.37 0.97 0.00	28.89 1.02 0.00
CRICKET___VALLEY_CC3 323758	19.19 0.88 0.00	16.54 0.75 0.00	19.02 0.82 0.00	18.82 0.82 0.00	19.55 0.80 0.00	21.77 0.95 0.00	25.97 1.17 0.00	34.12 1.66 0.00	24.81 1.17 0.00	23.99 1.03 -0.16	25.81 1.13 0.00	30.26 1.26 0.00	36.11 1.50 0.00	41.31 1.93 0.00	44.77 2.20 0.00	151.90 6.83 -20.03	59.29 3.25 0.00	73.96 4.05 0.00	65.48 3.39 0.00	58.05 2.71 0.00	39.05 1.86 0.00	33.94 1.61 0.00	23.37 0.97 0.00	28.89 1.02 0.00
CRUCIBLE_METL_DRP 24180	18.03 -0.28 0.00	15.53 -0.25 0.00	17.92 -0.28 0.00	17.74 -0.27 0.00	18.48 -0.27 0.00	20.51 -0.30 0.00	24.48 -0.33 0.00	31.93 -0.53 0.00	23.27 -0.37 0.00	22.49 -0.31 0.00	24.35 -0.33 0.00	28.61 -0.39 0.00	34.13 -0.48 0.00	38.75 -0.63 0.00	41.87 -0.69 0.00	123.01 -2.03 0.00	55.24 -0.80 0.00	68.91 -1.00 0.00	61.11 -0.99 0.00	54.40 -0.93 0.00	36.45 -0.73 0.00	31.67 -0.66 0.00	21.99 -0.41 0.00	27.40 -0.48 0.00
DAHOWA___HYDRO 323763	19.22 0.92 0.00	16.59 0.80 0.00	19.11 0.91 0.00	18.93 0.93 0.00	19.70 0.96 0.00	21.97 1.16 0.00	26.22 1.41 0.00	34.33 1.87 0.00	24.84 1.20 0.00	23.88 1.01 -0.07	25.77 1.09 0.00	30.32 1.32 0.00	36.20 1.60 0.00	41.45 2.07 0.00	44.91 2.34 0.00	140.80 6.91 -8.85	59.34 3.30 0.00	74.17 4.26 0.00	65.84 3.75 0.00	58.29 2.95 0.00	39.25 2.06 0.00	34.07 1.74 0.00	23.46 1.06 0.00	29.00 1.13 0.00
DANC___LFGE 323619	20.16 -0.70 -2.56	17.30 -0.63 -2.14	20.09 -0.71 -2.61	19.90 -0.68 -2.58	20.68 -0.73 -2.66	22.96 -0.71 -2.87	27.02 -0.73 -2.95	35.49 -1.03 -4.05	26.10 -0.70 -3.16	25.28 -0.60 -3.08	27.39 -0.56 -3.27	32.19 -0.52 -3.71	37.95 -0.90 -4.24	43.10 -1.14 -4.86	47.65 -1.25 -6.34	137.04 -2.21 -14.21	57.05 -0.64 -1.64	69.18 -0.72 0.00	61.48 -0.61 0.00	54.98 -0.35 0.00	36.99 -0.19 0.00	32.26 -0.07 0.00	22.42 0.02 0.00	27.92 0.04 0.00
DANSKAMMER___1 23586	19.44 1.14 0.00	16.73 0.95 0.00	19.25 1.05 0.00	19.05 1.04 0.00	19.77 1.02 0.00	22.04 1.23 0.00	26.34 1.54 0.00	34.62 2.16 0.00	25.17 1.53 0.00	24.09 1.37 0.08	26.23 1.55 0.00	30.85 1.85 0.00	36.86 2.25 0.00	42.05 2.67 0.00	45.56 3.00 0.00	124.06 9.25 10.22	60.45 4.41 0.00	75.28 5.37 0.00	66.54 4.45 0.00	59.02 3.69 0.00	39.64 2.45 0.00	34.44 2.11 0.00	23.75 1.35 0.00	29.41 1.53 0.00
DANSKAMMER___2 23589	19.44 1.14 0.00	16.73 0.95 0.00	19.25 1.05 0.00	19.05 1.04 0.00	19.77 1.02 0.00	22.04 1.23 0.00	26.34 1.54 0.00	34.62 2.16 0.00	25.17 1.53 0.00	24.09 1.37 0.08	26.23 1.55 0.00	30.85 1.85 0.00	36.86 2.25 0.00	42.05 2.67 0.00	45.56 3.00 0.00	124.06 9.25 10.22	60.45 4.41 0.00	75.28 5.37 0.00	66.54 4.45 0.00	59.02 3.69 0.00	39.64 2.45 0.00	34.44 2.11 0.00	23.75 1.35 0.00	29.41 1.53 0.00
DANSKAMMER___3 23590	19.44 1.14 0.00	16.73 0.95 0.00	19.25 1.05 0.00	19.05 1.04 0.00	19.77 1.02 0.00	22.04 1.23 0.00	26.34 1.54 0.00	34.62 2.16 0.00	25.17 1.53 0.00	24.09 1.37 0.08	26.23 1.55 0.00	30.85 1.85 0.00	36.86 2.25 0.00	42.05 2.67 0.00	45.56 3.00 0.00	124.06 9.25 10.22	60.45 4.41 0.00	75.28 5.37 0.00	66.54 4.45 0.00	59.02 3.69 0.00	39.64 2.45 0.00	34.44 2.11 0.00	23.75 1.35 0.00	29.41 1.53 0.00

DANSKAMMER___4 23591	19.44 1.14 0.00	16.73 0.95 0.00	19.25 1.05 0.00	19.05 1.04 0.00	19.77 1.02 0.00	22.04 1.23 0.00	26.34 1.54 0.00	34.62 2.16 0.00	25.17 1.53 0.00	24.09 1.37 0.08	26.23 1.55 0.00	30.85 1.85 0.00	36.86 2.25 0.00	42.05 2.67 0.00	45.56 3.00 0.00	124.06 9.25 10.22	60.45 4.41 0.00	75.28 5.37 0.00	66.54 4.45 0.00	59.02 3.69 0.00	39.64 2.45 0.00	34.44 2.11 0.00	23.75 1.35 0.00	29.41 1.53 0.00
DANSKAMMER___DIESEL 23592	19.44 1.14 0.00	16.73 0.95 0.00	19.25 1.05 0.00	19.05 1.04 0.00	19.77 1.02 0.00	22.04 1.23 0.00	26.34 1.54 0.00	34.62 2.16 0.00	25.17 1.53 0.00	24.09 1.37 0.08	26.22 1.54 0.00	30.85 1.84 0.00	36.85 2.25 0.00	42.05 2.67 0.00	45.56 3.00 0.00	124.06 9.24 10.22	60.45 4.41 0.00	75.28 5.37 0.00	66.54 4.45 0.00	59.02 3.69 0.00	39.64 2.45 0.00	34.44 2.11 0.00	23.75 1.35 0.00	29.41 1.53 0.00
DARBY___SOLAR 323810	19.16 0.86 0.00	16.54 0.75 0.00	19.05 0.85 0.00	18.87 0.87 0.00	19.64 0.89 0.00	21.88 1.07 0.00	26.11 1.30 0.00	34.19 1.73 0.00	24.74 1.10 0.00	23.79 0.91 -0.07	25.67 0.99 0.00	30.21 1.21 0.00	36.06 1.46 0.00	41.30 1.91 0.00	44.72 2.16 0.00	140.38 6.43 -8.91	59.10 3.05 0.00	73.84 3.94 0.00	65.53 3.43 0.00	58.05 2.72 0.00	39.10 1.91 0.00	33.94 1.61 0.00	23.38 0.98 0.00	28.93 1.05 0.00
DASHVILLE___HYD 23610	19.09 0.79 0.00	16.45 0.66 0.00	18.92 0.72 0.00	18.72 0.72 0.00	19.45 0.71 0.00	21.64 0.83 0.00	25.83 1.03 0.00	33.96 1.50 0.00	24.71 1.07 0.00	23.69 0.96 0.07	25.73 1.05 0.00	30.21 1.21 0.00	36.13 1.53 0.00	41.18 1.80 0.00	44.58 2.02 0.00	122.35 6.51 9.19	59.11 3.07 0.00	73.62 3.71 0.00	65.11 3.02 0.00	57.79 2.45 0.00	38.85 1.66 0.00	33.78 1.45 0.00	23.33 0.93 0.00	28.89 1.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.72 1.41 0.00	17.07 1.29 0.00	19.54 1.34 0.00	19.37 1.37 0.00	19.87 1.13 0.00	21.86 1.05 0.00	25.97 1.17 0.00	34.16 1.70 0.00	24.86 1.22 0.00	23.87 0.84 -0.23	25.54 0.88 0.03	24.40 0.71 5.32	26.76 1.05 8.90	28.87 1.44 11.95	28.84 1.80 15.52	159.24 7.64 -26.56	62.87 3.96 -2.86	73.13 3.22 0.00	64.62 2.52 0.00	57.41 2.08 0.00	26.12 0.91 11.97	30.61 0.98 2.70	23.21 0.81 0.00	29.23 1.35 0.00
DELAWARE___LFGE 323621	18.46 0.16 0.00	15.95 0.16 0.00	18.39 0.19 0.00	18.18 0.18 0.00	18.98 0.24 0.00	21.02 0.21 0.00	25.11 0.30 0.00	32.88 0.42 0.00	23.95 0.31 0.00	23.13 0.33 0.00	25.07 0.39 0.00	29.46 0.46 0.00	35.17 0.56 0.00	39.93 0.55 0.00	43.16 0.60 0.00	126.86 1.82 0.00	56.93 0.88 0.00	70.93 1.02 0.00	62.93 0.84 0.00	56.07 0.74 0.00	37.65 0.46 0.00	32.71 0.38 0.00	22.66 0.25 0.00	28.21 0.33 0.00
DERFIELD_115KV_TB7 355931	18.34 0.04 0.00	15.83 0.05 0.00	18.24 0.04 0.00	18.05 0.05 0.00	18.80 0.06 0.00	20.86 0.05 0.00	25.00 0.08 -0.12	32.55 0.09 0.00	23.69 0.05 0.00	22.85 0.05 0.00	24.73 0.05 0.00	29.06 0.06 0.00	34.67 0.06 0.00	39.47 0.09 0.00	42.69 0.13 0.00	125.52 0.48 0.00	56.24 0.19 0.00	70.11 0.21 0.00	62.24 0.14 0.00	55.40 0.07 0.00	37.26 0.07 0.00	32.39 0.06 0.00	22.43 0.03 0.00	27.88 0.00 0.00
DOGLEVILLE___HYD 23807	18.45 0.15 0.00	15.99 0.20 0.00	18.38 0.17 0.00	18.16 0.16 0.00	18.93 0.19 0.00	21.08 0.27 0.00	25.31 0.39 -0.12	32.99 0.53 0.00	23.78 0.14 0.00	22.84 0.04 0.00	24.84 0.16 0.00	29.14 0.13 0.00	34.64 0.04 0.00	39.52 0.14 0.00	43.09 0.52 0.00	127.56 2.52 0.00	57.02 0.98 0.00	70.90 0.99 0.00	62.83 0.74 0.00	55.60 0.27 0.00	37.60 0.42 0.00	32.80 0.47 0.00	22.48 0.08 0.00	27.80 -0.08 0.00
DUNKIRK___115KV_TB_200 55889	17.02 -1.28 0.00	14.63 -1.16 0.00	17.02 -1.18 0.00	16.88 -1.13 0.00	17.63 -1.12 0.00	19.77 -1.04 0.00	23.77 -1.04 0.00	30.54 -1.92 0.00	22.46 -1.18 0.00	21.99 -0.82 0.00	23.77 -0.91 0.00	28.00 -1.01 0.00	33.55 -1.06 0.00	37.91 -1.47 0.00	40.84 -1.72 0.00	119.93 -5.11 0.00	54.33 -1.72 0.00	67.46 -2.44 0.00	59.69 -2.41 0.00	53.20 -2.14 0.00	35.26 -1.93 0.00	30.71 -1.62 0.00	21.63 -0.77 0.00	27.46 -0.42 0.00
DUNKIRK___1 23563	17.02 -1.28 0.00	14.63 -1.16 0.00	17.02 -1.18 0.00	16.88 -1.13 0.00	17.63 -1.12 0.00	19.77 -1.04 0.00	23.77 -1.04 0.00	30.54 -1.92 0.00	22.46 -1.18 0.00	21.99 -0.82 0.00	23.77 -0.91 0.00	28.00 -1.01 0.00	33.55 -1.06 0.00	37.91 -1.47 0.00	40.84 -1.72 0.00	119.93 -5.11 0.00	54.33 -1.72 0.00	67.46 -2.44 0.00	59.69 -2.41 0.00	53.20 -2.14 0.00	35.26 -1.93 0.00	30.71 -1.62 0.00	21.63 -0.77 0.00	27.46 -0.42 0.00
DUNKIRK___2 23564	17.02 -1.28 0.00	14.63 -1.16 0.00	17.02 -1.18 0.00	16.88 -1.13 0.00	17.63 -1.12 0.00	19.77 -1.04 0.00	23.77 -1.04 0.00	30.54 -1.92 0.00	22.46 -1.18 0.00	21.99 -0.82 0.00	23.77 -0.91 0.00	28.00 -1.01 0.00	33.55 -1.06 0.00	37.91 -1.47 0.00	40.84 -1.72 0.00	119.93 -5.11 0.00	54.33 -1.72 0.00	67.46 -2.44 0.00	59.69 -2.41 0.00	53.20 -2.14 0.00	35.26 -1.93 0.00	30.71 -1.62 0.00	21.63 -0.77 0.00	27.46 -0.42 0.00
DUNKIRK___3 23565	17.07 -1.23 0.00	14.68 -1.11 0.00	17.08 -1.12 0.00	16.93 -1.07 0.00	17.68 -1.07 0.00	19.76 -1.05 0.00	23.74 -1.07 0.00	30.55 -1.91 0.00	22.45 -1.19 0.00	21.96 -0.84 0.00	23.72 -0.96 0.00	27.92 -1.09 0.00	33.41 -1.20 0.00	37.70 -1.68 0.00	40.60 -1.96 0.00	118.98 -6.06 0.00	53.97 -2.07 0.00	67.09 -2.82 0.00	59.40 -2.70 0.00	52.98 -2.36 0.00	35.12 -2.07 0.00	30.55 -1.78 0.00	21.54 -0.86 0.00	27.33 -0.54 0.00
DUNKIRK___4 23566	17.07 -1.23 0.00	14.68 -1.11 0.00	17.08 -1.12 0.00	16.93 -1.07 0.00	17.68 -1.07 0.00	19.76 -1.05 0.00	23.74 -1.07 0.00	30.55 -1.91 0.00	22.45 -1.19 0.00	21.96 -0.84 0.00	23.72 -0.96 0.00	27.92 -1.09 0.00	33.41 -1.20 0.00	37.70 -1.68 0.00	40.60 -1.96 0.00	118.98 -6.06 0.00	53.97 -2.07 0.00	67.09 -2.82 0.00	59.40 -2.70 0.00	52.98 -2.36 0.00	35.12 -2.07 0.00	30.55 -1.78 0.00	21.54 -0.86 0.00	27.33 -0.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.50 1.19 0.00	16.77 0.99 0.00	19.28 1.08 0.00	19.09 1.08 0.00	19.77 1.03 0.00	22.04 1.23 0.00	26.34 1.53 0.00	34.66 2.20 0.00	25.23 1.59 0.00	24.48 1.45 -0.23	26.35 1.67 0.00	30.98 1.98 0.00	36.98 2.37 0.00	42.16 2.78 0.00	45.61 3.05 0.00	163.92 9.16 -29.72	60.48 4.43 0.00	75.16 5.26 0.00	66.39 4.29 0.00	58.88 3.54 0.00	39.55 2.36 0.00	34.40 2.07 0.00	23.75 1.34 0.00	29.41 1.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.35 1.05 0.00	16.65 0.86 0.00	19.15 0.94 0.00	18.94 0.94 0.00	19.66 0.91 0.00	21.92 1.11 0.00	26.18 1.38 0.00	34.42 1.96 0.00	25.03 1.39 0.00	23.71 1.23 0.32	26.08 1.41 0.00	30.71 1.71 0.00	36.68 2.07 0.00	41.82 2.44 0.00	45.29 2.73 0.00	93.55 8.33 39.82	60.13 4.08 0.00	74.78 4.87 0.00	66.08 3.98 0.00	58.64 3.31 0.00	39.37 2.19 0.00	34.24 1.91 0.00	23.63 1.23 0.00	29.28 1.40 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.52 1.22 0.00	16.78 1.00 0.00	19.30 1.10 0.00	19.09 1.09 0.00	19.78 1.04 0.00	22.08 1.27 0.00	26.41 1.60 0.00	34.77 2.31 0.00	25.31 1.67 0.00	24.55 1.52 -0.23	26.42 1.75 0.00	31.06 2.06 0.00	37.03 2.43 0.00	42.18 2.80 0.00	45.66 3.10 0.00	163.91 9.14 -29.73	60.53 4.49 0.00	75.20 5.30 0.00	66.39 4.29 0.00	58.92 3.58 0.00	39.68 2.49 0.00	34.48 2.15 0.00	23.78 1.38 0.00	29.43 1.56 0.00
E179THST_13_KV_LOAD 356214	19.59 1.29 0.00	16.85 1.06 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.85 1.10 0.00	22.16 1.35 0.00	26.52 1.71 0.00	34.92 2.46 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.55 1.87 0.00	31.20 2.20 0.00	37.21 2.60 0.00	42.38 3.00 0.00	45.88 3.31 0.00	164.55 9.77 -29.73	60.83 4.78 0.00	75.58 5.67 0.00	66.70 4.61 0.00	59.23 3.89 0.00	39.87 2.69 0.00	34.64 2.31 0.00	23.88 1.48 0.00	29.56 1.68 0.00
EAST HAMPTON___GT 23717	19.34 1.03 0.00	16.74 0.96 0.00	19.16 0.96 0.00	18.99 0.99 0.00	19.49 0.74 0.00	21.43 0.62 0.00	25.47 0.67 0.00	33.53 1.07 0.00	24.38 0.74 0.00	23.40 0.37 -0.23	25.03 0.38 0.03	23.77 0.09 5.32	26.04 0.33 8.90	28.07 0.64 11.95	28.01 0.97 15.52	156.87 5.27 -26.56	61.76 2.86 -2.86	71.93 2.02 0.00	63.53 1.44 0.00	56.43 1.10 0.00	25.44 0.23 11.97	29.99 0.37 2.70	22.78 0.38 0.00	28.71 0.83 0.00
EAST RIVER___6 23660	19.60 1.30 0.00	16.84 1.05 0.00	19.37 1.17 0.00	19.17 1.17 0.00	19.86 1.11 0.00	22.14 1.33 0.00	26.47 1.66 0.00	34.85 2.39 0.00	25.40 1.76 0.00	24.67 1.64 -0.23	26.58 1.90 0.00	31.25 2.25 0.00	37.29 2.69 0.00	42.49 3.11 0.00	45.97 3.41 0.00	164.88 10.10 -29.74	60.92 4.87 0.00	75.66 5.76 0.00	66.69 4.59 0.00	59.13 3.80 0.00	39.74 2.56 0.00	34.62 2.29 0.00	23.89 1.49 0.00	29.58 1.70 0.00
EAST RIVER___7 23524	19.60 1.30 0.00	16.84 1.05 0.00	19.37 1.17 0.00	19.17 1.17 0.00	19.86 1.11 0.00	22.14 1.33 0.00	26.47 1.66 0.00	34.85 2.39 0.00	25.40 1.76 0.00	24.67 1.64 -0.23	26.58 1.90 0.00	31.25 2.25 0.00	37.29 2.69 0.00	42.49 3.11 0.00	45.97 3.41 0.00	164.88 10.10 -29.74	60.92 4.87 0.00	75.66 5.76 0.00	66.69 4.59 0.00	59.13 3.80 0.00	39.74 2.56 0.00	34.62 2.29 0.00	23.89 1.49 0.00	29.58 1.70 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.43 1.13 0.00	16.73 0.94 0.00	19.24 1.04 0.00	19.04 1.04 0.00	19.73 0.98 0.00	21.99 1.18 0.00	26.28 1.48 0.00	34.58 2.12 0.00	25.17 1.53 0.00	24.42 1.38 -0.23	26.27 1.59 0.00	30.89 1.89 0.00	36.88 2.28 0.00	42.03 2.65 0.00	45.49 2.93 0.00	164.56 8.88 -30.64	60.33 4.28 0.00	74.99 5.08 0.00	66.24 4.14 0.00	58.75 3.42 0.00	39.46 2.27 0.00	34.33 2.00 0.00	23.69 1.29 0.00	29.35 1.47 0.00
EAST_HAMPTON___DIESEL 23722	19.28 0.97 0.00	16.69 0.90 0.00	19.10 0.90 0.00	18.93 0.93 0.00	19.42 0.68 0.00	21.36 0.55 0.00	25.39 0.59 0.00	33.42 0.96 0.00	24.30 0.66 0.00	23.32 0.29 -0.23	24.94 0.30 0.03	23.68 -0.01 5.32	25.93 0.22 8.90	27.94 0.51 11.95	27.88 0.83 15.52	156.40 4.81 -26.56	61.56 2.66 -2.86	71.67 1.76 0.00	63.33 1.23 0.00	56.25 0.92 0.00	25.33 0.11 11.97	29.89 0.26 2.70	22.70 0.30 0.00	28.62 0.74 0.00
EAST_POINT___SOLAR 323840	19.19 0.89 0.00	16.53 0.75 0.00	19.09 0.88 0.00	18.87 0.87 0.00	19.70 0.95 0.00	21.94 1.13 0.00	26.30 1.50 0.00	34.16 1.70 0.00	24.40 0.77 0.00	23.86 1.00 -0.06	25.91 1.23 0.00	30.55 1.54 0.00	36.22 1.62 0.00	40.85 1.47 0.00	44.91 2.35 0.00	139.54 7.02 -7.48	59.59 3.54 0.00	74.44 4.54 0.00	66.06 3.97 0.00	58.84 3.51 0.00	39.42 2.24 0.00	34.26 1.93 0.00	23.78 1.38 0.00	29.59 1.71 0.00
EAST_PULASKI___ESR 323781	19.15 -0.53 -1.38	16.46 -0.48 -1.16	19.06 -0.54 -1.41	18.87 -0.53 -1.39	19.62 -0.56 -1.43	21.77 -0.58 -1.55	25.77 -0.63 -1.60	33.71 -0.94 -2.18	24.70 -0.64 -1.71	23.90 -0.57 -1.66	25.86 -0.58 -1.76	30.39 -0.61 -2.00	36.03 -0.86 -2.29	40.92 -1.08 -2.62	44.78 -1.20 -3.42	129.74 -2.96 -7.67	55.83 -1.10 -0.88	68.58 -1.33 0.00	60.83 -1.27 0.00	54.26 -1.07 0.00	36.42 -0.76 0.00	31.73 -0.60 0.00	22.04 -0.36 0.00	27.44 -0.44 0.00
EAST_RIVER___1 323558	19.59 1.29 0.00	16.84 1.05 0.00	19.37 1.17 0.00	19.17 1.17 0.00	19.85 1.10 0.00	22.14 1.33 0.00	26.47 1.67 0.00	34.86 2.39 0.00	25.38 1.74 0.00	24.65 1.62 -0.23	26.57 1.89 0.00	31.23 2.23 0.00	37.27 2.66 0.00	42.46 3.08 0.00	45.93 3.37 0.00	164.75 9.97 -29.74	60.86 4.82 0.00	75.61 5.70 0.00	66.70 4.61 0.00	59.16 3.82 0.00	39.75 2.56 0.00	34.60 2.26 0.00	23.88 1.48 0.00	29.57 1.69 0.00
EAST_RIVER___2 323559	19.60 1.30 0.00	16.84 1.05 0.00	19.37 1.17 0.00	19.17 1.17 0.00	19.86 1.11 0.00	22.14 1.33 0.00	26.47 1.66 0.00	34.85 2.39 0.00	25.40 1.76 0.00	24.67 1.64 -0.23	26.58 1.90 0.00	31.25 2.25 0.00	37.29 2.69 0.00	42.49 3.11 0.00	45.97 3.41 0.00	164.88 10.10 -29.74	60.92 4.87 0.00	75.66 5.76 0.00	66.69 4.59 0.00	59.13 3.80 0.00	39.74 2.56 0.00	34.62 2.29 0.00	23.89 1.49 0.00	29.58 1.70 0.00
EAST___DELAWARE_HYD 23607	19.50 1.20 0.00	16.77 0.99 0.00	19.30 1.10 0.00	19.08 1.07 0.00	19.81 1.06 0.00	22.10 1.29 0.00	26.42 1.61 0.00	34.74 2.28 0.00	25.22 1.58 0.00	23.93 1.39 0.27	26.24 1.56 0.00	30.91 1.91 0.00	36.92 2.32 0.00	42.02 2.63 0.00	45.53 2.97 0.00	100.64 9.51 33.91	60.74 4.69 0.00	75.64 5.74 0.00	66.86 4.76 0.00	59.35 4.02 0.00	39.81 2.63 0.00	34.58 2.25 0.00	23.88 1.48 0.00	29.57 1.69 0.00
EIGHT_POINT___WT_PWR 323820	16.26 -2.05 0.00	13.97 -1.82 0.00	16.27 -1.93 0.00	16.05 -1.96 0.00	16.75 -2.00 0.00	18.70 -2.11 0.00	22.73 -2.07 0.00	29.93 -2.53 0.00	21.57 -2.07 0.00	20.77 -2.03 0.00	22.61 -2.07 0.00	26.56 -2.44 0.00	31.90 -2.70 0.00	36.28 -3.10 0.00	40.17 -2.39 0.00	119.13 -5.91 0.00	54.10 -1.94 0.00	67.17 -2.73 0.00	59.58 -2.51 0.00	53.42 -1.91 0.00	35.51 -1.68 0.00	30.56 -1.77 0.00	21.28 -1.12 0.00	26.73 -1.15 0.00
ELBRIDGE_115KV_TB2 80188	17.92 -0.38 0.00	15.44 -0.34 0.00	17.83 -0.37 0.00	17.64 -0.37 0.00	18.38 -0.37 0.00	20.40 -0.41 0.00	24.34 -0.46 0.00	31.75 -0.71 0.00	23.15 -0.49 0.00	22.37 -0.43 0.00	24.21 -0.47 0.00	28.45 -0.55 0.00	33.93 -0.68 0.00	38.53 -0.85 0.00	41.64 -0.93 0.00	122.37 -2.67 0.00	54.95 -1.10 0.00	68.50 -1.41 0.00	60.76 -1.34 0.00	54.10 -1.24 0.00	36.24 -0.95 0.00	31.49 -0.85 0.00	21.86 -0.54 0.00	27.25 -0.62 0.00
ELEC_TRO_TEK 24086	19.67 1.37 0.00	16.99 1.21 0.00	19.48 1.28 0.00	19.29 1.29 0.00	19.88 1.13 0.00	22.00 1.19 0.00	26.14 1.33 0.00	34.39 1.93 0.00	25.08 1.44 0.00	24.22 1.19 -0.23	26.01 1.34 0.00	29.25 1.48 1.24	29.65 1.86 6.82	32.16 2.23 9.45	32.63 2.49 12.42	161.90 9.37 -27.49	65.87 4.83 -5.00	75.18 5.27 0.00	66.78 4.68 0.00	59.11 3.77 0.00	29.68 1.92 9.42	31.69 1.55 2.19	23.51 1.11 0.00	29.39 1.51 0.00

ELLENBURG_WT_PWR 323604	-7.02 -0.68 24.64	-5.50 -0.64 20.64	-7.53 -0.67 25.06	-7.53 -0.69 24.85	-7.53 -0.71 25.56	-7.53 -0.76 27.58	-7.53 -0.88 31.45	-7.53 -1.02 38.97	-7.53 -0.74 30.43	-7.53 -0.67 29.66	-7.53 -0.74 31.47	-7.53 -0.86 35.67	-7.25 -1.01 40.84	-8.40 -1.04 46.75	-19.58 -1.17 60.97	-15.76 -4.05 136.75	38.74 -1.51 15.79	68.76 -1.15 0.00	61.89 -0.20 0.00	56.00 0.67 0.00	37.98 0.80 0.00	33.02 0.69 0.00	22.90 0.50 0.00	28.52 0.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.99 -1.32 0.00	14.62 -1.16 0.00	17.04 -1.17 0.00	16.86 -1.15 0.00	17.59 -1.15 0.00	19.59 -1.22 0.00	23.48 -1.32 0.00	30.23 -2.23 0.00	22.24 -1.40 0.00	21.75 -1.06 0.00	23.36 -1.32 0.00	27.37 -1.63 0.00	32.66 -1.95 0.00	36.78 -2.60 0.00	39.60 -2.97 0.00	115.66 -9.38 0.00	52.60 -3.45 0.00	65.69 -4.21 0.00	58.22 -3.88 0.00	51.96 -3.37 0.00	34.44 -2.75 0.00	29.93 -2.40 0.00	21.19 -1.22 0.00	26.90 -0.98 0.00
EMPIRE_CC_1 323656	18.97 0.67 0.00	16.39 0.60 0.00	18.86 0.66 0.00	18.67 0.66 0.00	19.41 0.67 0.00	21.57 0.76 0.00	25.70 0.89 0.00	33.67 1.21 0.00	24.46 0.82 0.00	23.58 0.68 -0.09	25.37 0.69 0.00	29.71 0.70 0.00	35.47 0.86 0.00	40.62 1.23 0.00	43.98 1.42 0.00	141.13 4.54 -11.55	58.01 1.96 0.00	72.41 2.50 0.00	64.25 2.16 0.00	56.97 1.63 0.00	38.47 1.28 0.00	33.42 1.10 0.00	23.02 0.62 0.00	28.49 0.61 0.00
EMPIRE_CC_2 323658	18.97 0.67 0.00	16.39 0.60 0.00	18.86 0.66 0.00	18.67 0.66 0.00	19.41 0.67 0.00	21.57 0.76 0.00	25.70 0.89 0.00	33.67 1.21 0.00	24.46 0.82 0.00	23.58 0.68 -0.09	25.37 0.69 0.00	29.71 0.70 0.00	35.47 0.86 0.00	40.62 1.23 0.00	43.98 1.42 0.00	141.13 4.54 -11.55	58.01 1.96 0.00	72.41 2.50 0.00	64.25 2.16 0.00	56.97 1.63 0.00	38.47 1.28 0.00	33.42 1.10 0.00	23.02 0.62 0.00	28.49 0.61 0.00
ENORWICH_115KV_TB1 80156	18.66 0.36 0.00	16.04 0.26 0.00	18.53 0.33 0.00	18.27 0.27 0.00	19.11 0.36 0.00	21.35 0.54 0.00	25.66 0.86 0.00	33.76 1.29 0.00	24.57 0.93 0.00	23.83 1.07 0.04	25.73 1.05 0.00	30.52 1.52 0.00	36.26 1.65 0.00	41.25 1.87 0.00	44.77 2.21 0.00	126.93 6.76 4.87	59.57 3.52 0.00	74.23 4.32 0.00	65.96 3.87 0.00	58.99 3.65 0.00	39.28 2.10 0.00	33.93 1.60 0.00	23.45 1.04 0.00	29.13 1.26 0.00
ERIE_ST_34_KV_TB1-2 80199	17.42 -0.88 0.00	14.99 -0.79 0.00	17.46 -0.74 0.00	17.27 -0.73 0.00	18.03 -0.71 0.00	20.06 -0.75 0.00	24.04 -0.76 0.00	31.03 -1.44 0.00	22.83 -0.81 0.00	22.33 -0.48 0.00	24.02 -0.66 0.00	28.18 -0.82 0.00	33.62 -0.98 0.00	37.86 -1.52 0.00	40.75 -1.82 0.00	119.13 -5.91 0.00	54.37 -1.68 0.00	67.82 -2.09 0.00	60.13 -1.97 0.00	53.70 -1.64 0.00	35.58 -1.60 0.00	30.88 -1.45 0.00	21.81 -0.60 0.00	27.63 -0.24 0.00
ERIE_WT_PWR 323693	17.07 -1.23 0.00	14.70 -1.09 0.00	17.13 -1.07 0.00	16.94 -1.06 0.00	17.69 -1.05 0.00	19.70 -1.11 0.00	23.64 -1.17 0.00	30.46 -2.00 0.00	22.40 -1.24 0.00	21.87 -0.93 0.00	23.52 -1.16 0.00	27.57 -1.43 0.00	32.90 -1.71 0.00	37.06 -2.32 0.00	39.92 -2.64 0.00	116.66 -8.38 0.00	53.13 -2.91 0.00	66.28 -3.63 0.00	58.82 -3.28 0.00	52.56 -2.78 0.00	34.79 -2.40 0.00	30.26 -2.07 0.00	21.39 -1.01 0.00	27.14 -0.74 0.00
ESPRGFLD_115KV_TB1 80157	18.65 0.35 0.00	16.07 0.28 0.00	18.57 0.37 0.00	18.36 0.36 0.00	19.17 0.42 0.00	21.28 0.47 0.00	25.46 0.66 0.00	33.33 0.87 0.00	24.29 0.65 0.00	23.58 0.73 -0.05	25.56 0.88 0.00	30.03 1.03 0.00	35.87 1.26 0.00	40.52 1.14 0.00	43.89 1.32 0.00	134.00 3.35 -5.61	57.85 1.81 0.00	72.12 2.22 0.00	64.02 1.92 0.00	57.18 1.85 0.00	38.28 1.09 0.00	33.29 0.96 0.00	23.18 0.78 0.00	28.95 1.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.21 -0.09 0.00	15.68 -0.10 0.00	18.11 -0.09 0.00	17.92 -0.08 0.00	18.69 -0.06 0.00	20.78 -0.03 0.00	24.87 0.06 0.00	32.51 0.05 0.00	23.70 0.06 0.00	22.94 0.13 0.00	24.84 0.16 0.00	29.22 0.22 0.00	34.80 0.19 0.00	39.55 0.17 0.00	42.79 0.23 0.00	125.83 0.79 0.00	56.57 0.52 0.00	70.50 0.59 0.00	62.52 0.42 0.00	55.73 0.39 0.00	37.25 0.06 0.00	32.29 -0.04 0.00	22.40 0.00 0.00	27.93 0.05 0.00
ETNA____115KV_TB2 80207	18.21 -0.09 0.00	15.68 -0.10 0.00	18.11 -0.09 0.00	17.92 -0.08 0.00	18.69 -0.06 0.00	20.78 -0.03 0.00	24.87 0.06 0.00	32.51 0.05 0.00	23.70 0.06 0.00	22.94 0.13 0.00	24.84 0.16 0.00	29.22 0.22 0.00	34.80 0.19 0.00	39.55 0.17 0.00	42.79 0.23 0.00	125.83 0.79 0.00	56.57 0.52 0.00	70.50 0.59 0.00	62.52 0.42 0.00	55.73 0.39 0.00	37.25 0.06 0.00	32.29 -0.04 0.00	22.40 0.00 0.00	27.93 0.05 0.00
EUCLID____115KV_TB2 356179	17.87 -0.43 0.00	15.40 -0.39 0.00	17.77 -0.43 0.00	17.59 -0.42 0.00	18.32 -0.43 0.00	20.33 -0.48 0.00	24.26 -0.55 0.00	31.63 -0.83 0.00	23.06 -0.58 0.00	22.29 -0.51 0.00	24.12 -0.56 0.00	28.34 -0.66 0.00	33.80 -0.81 0.00	38.38 -1.00 0.00	41.46 -1.10 0.00	121.79 -3.25 0.00	54.67 -1.37 0.00	68.19 -1.71 0.00	60.48 -1.62 0.00	53.83 -1.50 0.00	36.09 -1.10 0.00	31.37 -0.96 0.00	21.79 -0.61 0.00	27.15 -0.72 0.00
E_CANADA_CAP_HY 24051	18.95 0.64 0.00	16.32 0.53 0.00	18.87 0.66 0.00	18.65 0.65 0.00	19.47 0.72 0.00	21.65 0.84 0.00	25.89 1.08 0.00	33.81 1.35 0.00	24.52 0.88 0.00	23.82 0.96 -0.06	25.80 1.12 0.00	30.32 1.32 0.00	36.16 1.56 0.00	40.87 1.49 0.00	44.40 1.84 0.00	136.82 4.77 -7.01	58.52 2.48 0.00	72.99 3.08 0.00	64.77 2.68 0.00	57.81 2.48 0.00	38.76 1.57 0.00	33.78 1.45 0.00	23.54 1.15 0.00	29.39 1.51 0.00
E_CANADA_MHWK_HY 24050	18.45 0.15 0.00	15.99 0.20 0.00	18.38 0.17 0.00	18.16 0.16 0.00	18.93 0.19 0.00	21.08 0.27 0.00	25.31 0.39 -0.12	32.99 0.53 0.00	23.78 0.14 0.00	22.84 0.04 0.00	24.84 0.16 0.00	29.14 0.13 0.00	34.64 0.04 0.00	39.52 0.14 0.00	43.09 0.52 0.00	127.56 2.52 0.00	57.02 0.98 0.00	70.90 0.99 0.00	62.83 0.74 0.00	55.60 0.27 0.00	37.60 0.42 0.00	32.80 0.47 0.00	22.48 0.08 0.00	27.80 -0.08 0.00
E_FISHKILL____LBMP 23776	19.30 1.00 0.00	16.63 0.84 0.00	19.13 0.93 0.00	18.92 0.92 0.00	19.63 0.89 0.00	21.87 1.06 0.00	26.11 1.31 0.00	34.32 1.86 0.00	24.98 1.34 0.00	24.17 1.20 -0.17	26.04 1.36 0.00	30.59 1.59 0.00	36.52 1.91 0.00	41.68 2.29 0.00	45.11 2.55 0.00	154.31 7.76 -21.51	59.78 3.74 0.00	74.39 4.48 0.00	65.79 3.69 0.00	58.35 3.01 0.00	39.22 2.03 0.00	34.10 1.77 0.00	23.52 1.12 0.00	29.13 1.25 0.00
FALCON____SEABRD_CC1 323796	-7.45 -0.74 25.02	-5.88 -0.72 20.95	-7.96 -0.73 25.44	-7.94 -0.72 25.23	-7.98 -0.78 25.95	-7.93 -0.74 28.00	-7.98 -0.91 31.87	-8.21 -1.11 39.56	-8.05 -0.80 30.89	-8.04 -0.73 30.11	-8.02 -0.76 31.95	-8.13 -0.92 36.21	-7.76 -0.91 41.46	-9.01 -0.93 47.45	-20.41 -1.08 61.89	-18.08 -4.30 138.81	38.37 -1.65 16.02	68.58 -1.33 0.00	61.81 -0.28 0.00	56.13 0.79 0.00	38.39 1.20 0.00	33.38 1.05 0.00	23.11 0.71 0.00	28.75 0.87 0.00

FALCON___SEABRD_CC2 323797	-7.45 -0.74 25.02	-5.88 -0.72 20.95	-7.96 -0.73 25.44	-7.94 -0.72 25.23	-7.98 -0.78 25.95	-7.93 -0.74 28.00	-7.98 -0.91 31.87	-8.21 -1.11 39.56	-8.05 -0.80 30.89	-8.04 -0.73 30.11	-8.02 -0.76 31.95	-8.13 -0.92 36.21	-7.76 -0.91 41.46	-9.01 -0.93 47.45	-20.41 -1.08 61.89	-18.08 -4.30 138.81	38.37 -1.65 16.02	68.58 -1.33 0.00	61.81 -0.28 0.00	56.13 0.79 0.00	38.39 1.20 0.00	33.38 1.05 0.00	23.11 0.71 0.00	28.75 0.87 0.00
FAR ROCKAWAY___4 23548	19.91 1.61 0.00	17.19 1.41 0.00	19.70 1.50 0.00	19.50 1.50 0.00	20.09 1.34 0.00	22.25 1.44 0.00	26.43 1.63 0.00	34.77 2.30 0.00	25.36 1.72 0.00	24.51 1.48 -0.23	26.37 1.69 0.00	30.49 1.86 0.38	29.62 2.46 7.44	31.91 2.94 10.42	31.47 2.64 13.74	163.43 10.62 -27.77	66.10 5.48 -4.58	76.06 6.16 0.00	67.63 5.53 0.00	59.85 4.52 0.00	29.40 2.31 10.09	31.81 1.84 2.37	23.71 1.30 0.00	29.64 1.76 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.59 1.29 0.00	16.85 1.06 0.00	19.37 1.17 0.00	19.17 1.17 0.00	19.85 1.11 0.00	22.15 1.34 0.00	26.48 1.68 0.00	34.86 2.40 0.00	25.39 1.75 0.00	24.65 1.62 -0.23	26.57 1.89 0.00	31.24 2.23 0.00	37.26 2.66 0.00	42.46 3.08 0.00	45.93 3.37 0.00	164.75 9.97 -29.74	60.87 4.83 0.00	75.61 5.71 0.00	66.72 4.63 0.00	59.17 3.83 0.00	39.77 2.58 0.00	34.61 2.27 0.00	23.88 1.48 0.00	29.57 1.70 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.57 1.27 0.00	16.83 1.04 0.00	19.36 1.15 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.53 1.85 0.00	31.19 2.18 0.00	37.21 2.60 0.00	42.38 3.00 0.00	45.86 3.30 0.00	164.52 9.74 -29.74	60.77 4.72 0.00	75.51 5.60 0.00	66.62 4.53 0.00	59.10 3.76 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.59 1.28 0.00	16.84 1.05 0.00	19.37 1.17 0.00	19.17 1.16 0.00	19.85 1.10 0.00	22.14 1.33 0.00	26.47 1.67 0.00	34.86 2.39 0.00	25.38 1.74 0.00	24.64 1.61 -0.23	26.56 1.88 0.00	31.22 2.22 0.00	37.25 2.64 0.00	42.43 3.05 0.00	45.90 3.34 0.00	164.66 9.88 -29.74	60.84 4.79 0.00	75.58 5.67 0.00	66.68 4.59 0.00	59.15 3.81 0.00	39.74 2.56 0.00	34.59 2.26 0.00	23.87 1.47 0.00	29.55 1.67 0.00
FARRAGUT___LBMP 323566	19.57 1.27 0.00	16.83 1.04 0.00	19.36 1.15 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.53 1.85 0.00	31.19 2.18 0.00	37.21 2.60 0.00	42.38 3.00 0.00	45.86 3.30 0.00	164.52 9.74 -29.74	60.77 4.72 0.00	75.51 5.60 0.00	66.62 4.53 0.00	59.10 3.76 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
FENNER___WINDPWR 24204	18.95 0.04 -0.61	16.32 0.02 -0.51	18.86 0.04 -0.62	18.68 0.05 -0.62	19.50 0.12 -0.64	21.67 0.17 -0.69	25.82 0.28 -0.73	33.78 0.35 -0.97	24.72 0.32 -0.76	23.93 0.39 -0.74	25.93 0.47 -0.79	30.45 0.55 -0.89	36.24 0.61 -1.02	41.22 0.67 -1.17	44.84 0.76 -1.52	130.85 2.41 -3.41	57.55 1.11 -0.39	71.07 1.16 0.00	63.01 0.91 0.00	56.15 0.81 0.00	37.64 0.45 0.00	32.66 0.33 0.00	22.64 0.24 0.00	28.17 0.29 0.00
FIBERTEK___ENERGY 23856	18.03 -0.28 0.00	15.53 -0.25 0.00	17.92 -0.28 0.00	17.74 -0.27 0.00	18.48 -0.27 0.00	20.51 -0.30 0.00	24.48 -0.33 0.00	31.93 -0.53 0.00	23.27 -0.37 0.00	22.49 -0.31 0.00	24.35 -0.33 0.00	28.61 -0.39 0.00	34.13 -0.48 0.00	38.75 -0.63 0.00	41.87 -0.69 0.00	123.01 -2.03 0.00	55.24 -0.80 0.00	68.91 -1.00 0.00	61.11 -0.99 0.00	54.40 -0.93 0.00	36.45 -0.73 0.00	31.67 -0.66 0.00	21.99 -0.41 0.00	27.40 -0.48 0.00
FITZPATRICK____ 23598	17.67 -0.63 0.00	15.23 -0.55 0.00	17.58 -0.62 0.00	17.39 -0.62 0.00	18.11 -0.64 0.00	20.09 -0.72 0.00	23.93 -0.87 0.00	31.18 -1.28 0.00	22.73 -0.91 0.00	21.96 -0.85 0.00	23.76 -0.92 0.00	27.92 -1.09 0.00	33.28 -1.33 0.00	37.81 -1.58 0.00	40.86 -1.71 0.00	120.04 -5.00 0.00	53.88 -2.17 0.00	67.18 -2.72 0.00	59.63 -2.47 0.00	53.10 -2.23 0.00	35.63 -1.56 0.00	30.97 -1.36 0.00	21.51 -0.89 0.00	26.80 -1.08 0.00
FLOWRFLD_69_KV_BK1 356044	19.94 1.64 0.00	17.27 1.48 0.00	19.76 1.56 0.00	19.58 1.57 0.00	20.08 1.34 0.00	22.10 1.29 0.00	26.22 1.41 0.00	34.49 2.02 0.00	25.14 1.50 0.00	24.18 1.15 -0.23	25.91 1.26 0.03	24.87 1.17 5.30	27.25 1.52 8.87	29.37 1.91 11.92	29.29 2.22 15.48	160.18 8.58 -26.56	63.25 4.33 -2.88	74.03 4.12 0.00	65.71 3.62 0.00	58.18 2.84 0.00	26.64 1.39 11.95	30.84 1.21 2.70	23.42 1.02 0.00	29.49 1.62 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.48 1.17 0.00	16.76 0.97 0.00	19.28 1.08 0.00	19.08 1.08 0.00	19.81 1.06 0.00	22.08 1.27 0.00	26.39 1.59 0.00	34.68 2.22 0.00	25.21 1.57 0.00	24.18 1.42 0.04	26.28 1.60 0.00	30.91 1.91 0.00	36.93 2.32 0.00	42.13 2.75 0.00	45.65 3.09 0.00	129.43 9.50 5.11	60.59 4.54 0.00	75.43 5.52 0.00	66.69 4.60 0.00	59.15 3.81 0.00	39.72 2.53 0.00	34.50 2.17 0.00	23.79 1.39 0.00	29.46 1.58 0.00
FORT ORANGE____ 23900	18.87 0.57 0.00	16.32 0.54 0.00	18.77 0.57 0.00	18.56 0.56 0.00	19.33 0.58 0.00	21.47 0.66 0.00	25.62 0.82 0.00	33.57 1.11 0.00	24.33 0.69 0.00	23.43 0.56 -0.07	25.25 0.58 0.00	29.72 0.71 0.00	35.46 0.85 0.00	40.50 1.12 0.00	43.89 1.33 0.00	138.00 4.41 -8.55	58.04 1.99 0.00	72.49 2.58 0.00	64.29 2.19 0.00	57.02 1.69 0.00	38.42 1.23 0.00	33.35 1.02 0.00	22.85 0.45 0.00	28.29 0.41 0.00
FORT_DRUM_COGEN 23780	21.87 -0.62 -4.19	18.73 -0.57 -3.51	21.82 -0.65 -4.27	21.62 -0.61 -4.23	22.46 -0.64 -4.35	24.96 -0.55 -4.69	29.16 -0.46 -4.82	38.50 -0.60 -6.63	28.42 -0.39 -5.18	27.56 -0.30 -5.05	29.88 -0.16 -5.36	35.05 -0.02 -6.07	41.11 -0.45 -6.95	46.68 -0.66 -7.95	52.21 -0.72 -10.38	148.52 0.21 -23.27	59.34 0.61 -2.69	70.86 0.96 0.00	63.06 0.97 0.00	56.56 1.23 0.00	38.06 0.88 0.00	33.15 0.81 0.00	23.03 0.63 0.00	28.66 0.78 0.00
FOX_HILLS___ESR 323835	19.67 1.37 0.00	16.88 1.09 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.80 1.05 0.00	22.11 1.29 0.00	26.44 1.64 0.00	34.80 2.34 0.00	25.35 1.71 0.00	24.58 1.55 -0.23	26.48 1.80 0.00	31.13 2.13 0.00	37.07 2.46 0.00	42.19 2.81 0.00	45.82 3.26 0.00	164.25 9.47 -29.73	60.72 4.68 0.00	75.43 5.52 0.00	66.61 4.51 0.00	59.14 3.80 0.00	39.80 2.62 0.00	34.67 2.34 0.00	23.92 1.52 0.00	29.62 1.74 0.00
FPL FAR_ROCK_GT1 24212	19.91 1.61 0.00	17.19 1.40 0.00	19.70 1.50 0.00	19.50 1.50 0.00	20.09 1.35 0.00	22.25 1.44 0.00	26.43 1.63 0.00	34.77 2.30 0.00	25.36 1.72 0.00	24.52 1.49 -0.23	26.37 1.69 0.00	30.49 1.86 0.38	29.62 2.45 7.44	31.90 2.94 10.42	31.47 2.65 13.74	163.43 10.63 -27.77	66.09 5.47 -4.58	76.06 6.16 0.00	67.63 5.54 0.00	59.85 4.52 0.00	29.40 2.31 10.09	31.81 1.84 2.37	23.71 1.31 0.00	29.64 1.76 0.00

FPL FAR_ROCK_GT2 23815	19.91 1.61 0.00	17.19 1.40 0.00	19.70 1.50 0.00	19.50 1.50 0.00	20.09 1.35 0.00	22.25 1.44 0.00	26.43 1.63 0.00	34.77 2.30 0.00	25.36 1.72 0.00	24.52 1.49 -0.23	26.37 1.69 0.00	30.49 1.86 0.38	29.62 2.45 7.44	31.90 2.94 10.42	31.47 2.65 13.74	163.43 10.63 -27.77	66.09 5.47 -4.58	76.06 6.16 0.00	67.63 5.54 0.00	59.85 4.52 0.00	29.40 2.31 10.09	31.81 1.84 2.37	23.71 1.31 0.00	29.64 1.76 0.00
FRANKLIN_FALL_HYD 24054	46.05 -0.24 -27.99	38.96 -0.26 -23.44	46.43 -0.24 -28.46	45.96 -0.27 -28.22	47.51 -0.27 -29.03	51.92 -0.22 -31.33	56.44 -0.17 -31.81	76.70 -0.02 -44.26	58.21 0.01 -34.56	56.53 0.04 -33.69	60.48 0.05 -35.74	69.58 0.06 -40.51	80.88 -0.11 -46.38	92.39 -0.08 -53.09	111.71 -0.09 -69.24	279.71 -0.63 -155.30	74.15 0.18 -17.93	71.00 1.09 0.00	63.76 1.67 0.00	57.60 2.26 0.00	38.83 1.65 0.00	33.70 1.37 0.00	23.37 0.97 0.00	29.13 1.25 0.00
FREEPORT_EQUS_GT1 23764	19.82 1.51 0.00	17.11 1.32 0.00	19.61 1.41 0.00	19.42 1.41 0.00	19.99 1.24 0.00	22.12 1.31 0.00	26.26 1.46 0.00	34.57 2.10 0.00	25.20 1.56 0.00	24.31 1.28 -0.23	26.03 1.36 0.02	27.54 1.45 2.92	29.17 1.84 7.29	31.67 2.23 9.93	32.10 2.51 12.98	161.14 8.98 -27.12	64.51 4.66 -3.81	74.99 5.09 0.00	66.64 4.54 0.00	58.99 3.65 0.00	29.25 1.96 9.90	31.71 1.65 2.27	23.60 1.19 0.00	29.53 1.65 0.00
FREEPORT___CT2 23818	19.82 1.51 0.00	17.11 1.32 0.00	19.61 1.41 0.00	19.42 1.41 0.00	19.99 1.24 0.00	22.12 1.31 0.00	26.26 1.46 0.00	34.57 2.10 0.00	25.20 1.56 0.00	24.31 1.28 -0.23	26.03 1.36 0.02	27.54 1.45 2.92	29.17 1.84 7.29	31.67 2.23 9.93	32.10 2.51 12.98	161.14 8.98 -27.12	64.51 4.66 -3.81	74.99 5.09 0.00	66.64 4.54 0.00	58.99 3.65 0.00	29.25 1.96 9.90	31.71 1.65 2.27	23.60 1.19 0.00	29.53 1.65 0.00
FRESHKLS_33_KV_LOAD 356253	19.71 1.40 0.00	16.91 1.12 0.00	19.32 1.12 0.00	19.10 1.10 0.00	19.78 1.04 0.00	22.09 1.28 0.00	26.42 1.62 0.00	34.75 2.28 0.00	25.31 1.66 0.00	24.53 1.50 -0.23	26.42 1.74 0.00	31.05 2.05 0.00	36.95 2.34 0.00	42.09 2.71 0.00	45.82 3.26 0.00	164.05 9.28 -29.73	60.65 4.60 0.00	75.35 5.44 0.00	66.56 4.46 0.00	59.13 3.79 0.00	39.78 2.60 0.00	34.68 2.35 0.00	23.94 1.54 0.00	29.66 1.78 0.00
FULTON COGEN____ 23766	17.82 -0.48 0.00	15.36 -0.43 0.00	17.73 -0.48 0.00	17.53 -0.47 0.00	18.26 -0.49 0.00	20.27 -0.54 0.00	24.18 -0.62 0.00	31.52 -0.94 0.00	22.99 -0.65 0.00	22.21 -0.60 0.00	24.03 -0.65 0.00	28.24 -0.76 0.00	33.67 -0.93 0.00	38.23 -1.15 0.00	41.30 -1.27 0.00	121.38 -3.66 0.00	54.51 -1.53 0.00	68.01 -1.90 0.00	60.36 -1.74 0.00	53.72 -1.62 0.00	36.03 -1.16 0.00	31.30 -1.03 0.00	21.73 -0.67 0.00	27.07 -0.81 0.00
FULTON___LFGE 323630	19.14 0.84 0.00	16.49 0.71 0.00	19.02 0.82 0.00	18.82 0.81 0.00	19.63 0.88 0.00	21.84 1.03 0.00	26.15 1.35 0.00	34.15 1.69 0.00	24.61 0.97 0.00	23.89 1.03 -0.06	25.88 1.20 0.00	30.49 1.49 0.00	36.33 1.73 0.00	41.15 1.76 0.00	44.84 2.28 0.00	139.14 6.50 -7.60	59.30 3.26 0.00	74.05 4.14 0.00	65.67 3.57 0.00	58.47 3.13 0.00	39.20 2.02 0.00	34.07 1.74 0.00	23.63 1.23 0.00	29.39 1.52 0.00
G.F.CEMENT___DRP 24184	19.19 0.89 0.00	16.55 0.77 0.00	19.07 0.87 0.00	18.92 0.91 0.00	19.68 0.94 0.00	21.99 1.18 0.00	26.25 1.44 0.00	34.40 1.94 0.00	24.88 1.24 0.00	23.92 1.05 -0.07	25.83 1.15 0.00	30.36 1.36 0.00	36.26 1.65 0.00	41.55 2.17 0.00	45.00 2.44 0.00	140.83 7.06 -8.73	59.48 3.44 0.00	74.39 4.48 0.00	66.06 3.96 0.00	58.41 3.08 0.00	39.29 2.10 0.00	34.10 1.77 0.00	23.47 1.07 0.00	28.98 1.11 0.00
GARDENVILLE___LBMP 24039	17.03 -1.27 0.00	14.66 -1.13 0.00	17.08 -1.13 0.00	16.89 -1.11 0.00	17.64 -1.11 0.00	19.65 -1.16 0.00	23.56 -1.25 0.00	30.35 -2.12 0.00	22.32 -1.32 0.00	21.81 -0.99 0.00	23.46 -1.22 0.00	27.50 -1.50 0.00	32.83 -1.78 0.00	36.98 -2.40 0.00	39.83 -2.73 0.00	116.40 -8.63 0.00	52.97 -3.08 0.00	66.10 -3.80 0.00	58.60 -3.50 0.00	52.33 -3.01 0.00	34.68 -2.51 0.00	30.13 -2.20 0.00	21.31 -1.09 0.00	27.04 -0.84 0.00
GARDNVLA_35_KV_LD 355827	17.11 -1.19 0.00	14.73 -1.06 0.00	17.17 -1.04 0.00	16.97 -1.03 0.00	17.72 -1.02 0.00	19.73 -1.08 0.00	23.67 -1.13 0.00	30.53 -1.94 0.00	22.44 -1.20 0.00	21.93 -0.87 0.00	23.58 -1.10 0.00	27.63 -1.38 0.00	32.97 -1.64 0.00	37.13 -2.25 0.00	40.01 -2.55 0.00	116.99 -8.05 0.00	53.25 -2.79 0.00	66.45 -3.45 0.00	58.94 -3.16 0.00	52.64 -2.69 0.00	34.87 -2.32 0.00	30.29 -2.05 0.00	21.41 -0.99 0.00	27.16 -0.72 0.00
GELCKHM___115KV_LOAD 80723	17.93 -0.37 0.00	15.45 -0.34 0.00	17.83 -0.37 0.00	17.64 -0.36 0.00	18.38 -0.37 0.00	20.40 -0.41 0.00	24.34 -0.47 0.00	31.74 -0.73 0.00	23.14 -0.50 0.00	22.36 -0.44 0.00	24.20 -0.48 0.00	28.44 -0.57 0.00	33.92 -0.69 0.00	38.51 -0.87 0.00	41.61 -0.95 0.00	122.27 -2.77 0.00	54.90 -1.15 0.00	68.48 -1.42 0.00	60.73 -1.37 0.00	54.06 -1.27 0.00	36.23 -0.95 0.00	31.49 -0.84 0.00	21.87 -0.54 0.00	27.25 -0.63 0.00
GENERAL___MILLS 23808	17.09 -1.21 0.00	14.71 -1.08 0.00	17.14 -1.06 0.00	16.95 -1.05 0.00	17.70 -1.05 0.00	19.71 -1.10 0.00	23.64 -1.16 0.00	30.47 -2.00 0.00	22.39 -1.25 0.00	21.89 -0.91 0.00	23.54 -1.14 0.00	27.59 -1.41 0.00	32.92 -1.68 0.00	37.08 -2.30 0.00	39.95 -2.61 0.00	116.77 -8.27 0.00	53.15 -2.90 0.00	66.33 -3.57 0.00	58.84 -3.26 0.00	52.54 -2.80 0.00	34.81 -2.37 0.00	30.25 -2.08 0.00	21.38 -1.02 0.00	27.13 -0.75 0.00
GE_PLASTICS___DRP 24183	18.78 0.48 0.00	16.24 0.45 0.00	18.68 0.48 0.00	18.48 0.47 0.00	19.24 0.49 0.00	21.35 0.54 0.00	25.47 0.66 0.00	33.36 0.90 0.00	24.23 0.59 0.00	23.36 0.49 -0.07	25.19 0.52 0.00	29.61 0.60 0.00	35.33 0.72 0.00	40.33 0.96 0.00	43.67 1.11 0.00	137.34 3.58 -8.72	57.66 1.61 0.00	71.94 2.04 0.00	63.80 1.71 0.00	56.64 1.31 0.00	38.17 0.98 0.00	33.16 0.83 0.00	22.79 0.39 0.00	28.25 0.37 0.00
GILBOA___1 23756	18.69 0.39 0.00	16.18 0.40 0.00	18.63 0.43 0.00	18.44 0.44 0.00	19.25 0.50 0.00	21.23 0.42 0.00	25.34 0.53 0.00	33.20 0.73 0.00	24.15 0.51 0.00	23.32 0.45 -0.07	25.18 0.50 0.00	29.58 0.58 0.00	35.31 0.70 0.00	40.23 0.85 0.00	43.46 0.90 0.00	136.38 2.80 -8.53	57.26 1.21 0.00	71.32 1.42 0.00	63.23 1.13 0.00	56.24 0.90 0.00	37.92 0.73 0.00	33.01 0.68 0.00	22.79 0.39 0.00	28.30 0.42 0.00
GILBOA___2 23757	18.69 0.39 0.00	16.18 0.40 0.00	18.63 0.43 0.00	18.44 0.44 0.00	19.25 0.50 0.00	21.23 0.42 0.00	25.34 0.53 0.00	33.20 0.73 0.00	24.15 0.51 0.00	23.32 0.45 -0.07	25.18 0.50 0.00	29.58 0.58 0.00	35.31 0.70 0.00	40.23 0.85 0.00	43.46 0.90 0.00	136.38 2.80 -8.53	57.26 1.21 0.00	71.32 1.42 0.00	63.23 1.13 0.00	56.24 0.90 0.00	37.92 0.73 0.00	33.01 0.68 0.00	22.79 0.39 0.00	28.30 0.42 0.00

GILBOA___3 23758	18.69 0.39 0.00	16.18 0.40 0.00	18.63 0.43 0.00	18.44 0.44 0.00	19.25 0.50 0.00	21.23 0.42 0.00	25.34 0.53 0.00	33.20 0.73 0.00	24.15 0.51 0.00	23.32 0.45 -0.07	25.18 0.50 0.00	29.58 0.58 0.00	35.31 0.70 0.00	40.23 0.85 0.00	43.46 0.90 0.00	136.38 2.80 -8.53	57.26 1.21 0.00	71.32 1.42 0.00	63.23 1.13 0.00	56.24 0.90 0.00	37.92 0.73 0.00	33.01 0.68 0.00	22.79 0.39 0.00	28.30 0.42 0.00
GILBOA___4 23759	18.69 0.39 0.00	16.18 0.40 0.00	18.63 0.43 0.00	18.44 0.44 0.00	19.25 0.50 0.00	21.23 0.42 0.00	25.34 0.53 0.00	33.20 0.73 0.00	24.15 0.51 0.00	23.32 0.45 -0.07	25.18 0.50 0.00	29.58 0.58 0.00	35.31 0.70 0.00	40.23 0.85 0.00	43.46 0.90 0.00	136.38 2.80 -8.53	57.26 1.21 0.00	71.32 1.42 0.00	63.23 1.13 0.00	56.24 0.90 0.00	37.92 0.73 0.00	33.01 0.68 0.00	22.79 0.39 0.00	28.30 0.42 0.00
GILBOA___ 23599	18.69 0.39 0.00	16.18 0.40 0.00	18.63 0.43 0.00	18.44 0.44 0.00	19.25 0.50 0.00	21.23 0.42 0.00	25.33 0.53 0.00	33.20 0.73 0.00	24.15 0.51 0.00	23.32 0.45 -0.07	25.18 0.50 0.00	29.58 0.58 0.00	35.30 0.70 0.00	40.23 0.85 0.00	43.46 0.90 0.00	136.37 2.79 -8.53	57.26 1.21 0.00	71.32 1.42 0.00	63.23 1.13 0.00	56.24 0.90 0.00	37.91 0.73 0.00	33.01 0.67 0.00	22.79 0.39 0.00	28.30 0.42 0.00
GINNA___ 23603	16.83 -1.47 0.00	14.50 -1.29 0.00	16.79 -1.42 0.00	16.61 -1.40 0.00	17.33 -1.42 0.00	19.28 -1.53 0.00	23.09 -1.71 0.00	29.96 -2.51 0.00	21.95 -1.69 0.00	21.32 -1.48 0.00	22.99 -1.69 0.00	26.96 -2.04 0.00	32.11 -2.50 0.00	36.31 -3.07 0.00	39.16 -3.40 0.00	114.71 -10.33 0.00	51.71 -4.33 0.00	64.68 -5.22 0.00	57.30 -4.79 0.00	51.00 -4.34 0.00	33.98 -3.21 0.00	29.48 -2.85 0.00	20.61 -1.79 0.00	25.87 -2.01 0.00
GLEN PARK___ 23778	21.73 -0.55 -3.98	18.62 -0.50 -3.33	21.67 -0.57 -4.05	21.48 -0.54 -4.01	22.31 -0.56 -4.13	24.81 -0.46 -4.45	29.03 -0.34 -4.57	38.32 -0.44 -6.29	28.29 -0.27 -4.91	27.42 -0.17 -4.79	29.72 -0.03 -5.08	34.87 0.10 -5.76	40.87 -0.33 -6.59	46.41 -0.51 -7.55	51.81 -0.60 -9.84	147.80 0.69 -22.07	59.44 0.85 -2.55	71.22 1.32 0.00	63.38 1.28 0.00	56.81 1.48 0.00	38.21 1.02 0.00	33.25 0.92 0.00	23.09 0.69 0.00	28.73 0.85 0.00
GLENDALE_27_KV_LOAD 356172	19.65 1.35 0.00	16.89 1.10 0.00	19.40 1.20 0.00	19.20 1.19 0.00	19.88 1.14 0.00	22.19 1.38 0.00	26.55 1.75 0.00	34.98 2.52 0.00	25.49 1.85 0.00	24.74 1.71 -0.23	26.67 1.99 0.00	31.34 2.34 0.00	37.37 2.76 0.00	42.55 3.17 0.00	46.05 3.49 0.00	165.03 10.25 -29.73	61.04 4.99 0.00	75.82 5.92 0.00	66.91 4.81 0.00	59.35 4.01 0.00	39.94 2.75 0.00	34.74 2.40 0.00	23.95 1.55 0.00	29.64 1.76 0.00
GLENWOOD_IC_1_G5 23712	19.69 1.38 0.00	16.97 1.18 0.00	19.48 1.28 0.00	19.28 1.28 0.00	19.92 1.17 0.00	22.10 1.29 0.00	26.34 1.53 0.00	34.66 2.20 0.00	25.25 1.61 0.00	24.44 1.41 -0.23	26.22 1.55 0.01	29.08 1.84 1.76	32.39 2.26 4.48	35.96 2.69 6.11	37.56 2.97 7.98	163.06 9.90 -28.12	65.91 4.97 -4.90	75.55 5.65 0.00	66.92 4.82 0.00	59.29 3.96 0.00	33.39 2.29 6.09	32.85 1.92 1.39	23.71 1.31 0.00	29.53 1.65 0.00
GLENWOOD_IC_2_G1 23688	19.59 1.29 0.00	16.88 1.09 0.00	19.38 1.18 0.00	19.19 1.19 0.00	19.84 1.09 0.00	22.05 1.24 0.00	26.29 1.49 0.00	34.59 2.13 0.00	25.19 1.55 0.00	24.41 1.38 -0.23	26.22 1.54 0.00	30.82 1.82 0.01	36.65 2.22 0.17	41.75 2.61 0.24	45.13 2.88 0.31	163.93 9.32 -29.57	60.88 4.62 -0.21	75.23 5.33 0.00	66.59 4.49 0.00	59.02 3.69 0.00	39.18 2.22 0.23	34.17 1.89 0.05	23.67 1.27 0.00	29.43 1.55 0.00
GLENWOOD_IC_3_G1 23689	19.59 1.29 0.00	16.88 1.09 0.00	19.38 1.18 0.00	19.19 1.19 0.00	19.84 1.09 0.00	22.05 1.24 0.00	26.29 1.49 0.00	34.59 2.13 0.00	25.19 1.55 0.00	24.41 1.38 -0.23	26.22 1.54 0.00	30.82 1.82 0.01	36.65 2.22 0.17	41.75 2.61 0.24	45.13 2.88 0.31	163.93 9.32 -29.57	60.88 4.62 -0.21	75.23 5.33 0.00	66.59 4.49 0.00	59.02 3.69 0.00	39.18 2.22 0.23	34.17 1.89 0.05	23.67 1.27 0.00	29.43 1.55 0.00
GLENWOOD___4 23550	19.69 1.38 0.00	16.97 1.18 0.00	19.48 1.28 0.00	19.28 1.28 0.00	19.92 1.17 0.00	22.10 1.29 0.00	26.34 1.53 0.00	34.66 2.20 0.00	25.25 1.61 0.00	24.44 1.41 -0.23	26.22 1.55 0.01	29.08 1.84 1.76	32.39 2.26 4.48	35.96 2.69 6.11	37.56 2.97 7.98	163.06 9.90 -28.12	65.91 4.97 -4.90	75.55 5.65 0.00	66.92 4.82 0.00	59.29 3.96 0.00	33.39 2.29 6.09	32.85 1.92 1.39	23.71 1.31 0.00	29.53 1.65 0.00
GLENWOOD___5 23614	19.69 1.38 0.00	16.97 1.18 0.00	19.48 1.28 0.00	19.28 1.28 0.00	19.92 1.17 0.00	22.10 1.29 0.00	26.34 1.53 0.00	34.66 2.20 0.00	25.25 1.61 0.00	24.44 1.41 -0.23	26.22 1.55 0.01	29.08 1.84 1.76	32.39 2.26 4.48	35.96 2.69 6.11	37.56 2.97 7.98	163.06 9.90 -28.12	65.91 4.97 -4.90	75.55 5.65 0.00	66.92 4.82 0.00	59.29 3.96 0.00	33.39 2.29 6.09	32.85 1.92 1.39	23.71 1.31 0.00	29.53 1.65 0.00
GLOBAL GREEN_PORT_GT1 23814	19.59 1.28 0.00	16.95 1.17 0.00	19.40 1.20 0.00	19.24 1.23 0.00	19.73 0.99 0.00	21.71 0.90 0.00	25.81 1.01 0.00	33.96 1.50 0.00	24.70 1.06 0.00	23.71 0.68 -0.23	25.37 0.71 0.03	24.17 0.49 5.32	26.52 0.81 8.90	28.61 1.17 11.95	28.58 1.54 15.52	158.59 6.99 -26.56	62.54 3.63 -2.86	72.87 2.96 0.00	64.39 2.29 0.00	57.18 1.85 0.00	25.94 0.73 11.97	30.43 0.80 2.70	23.07 0.67 0.00	29.06 1.18 0.00
GLOBE___DSASP 323697	16.55 -1.75 0.00	14.26 -1.53 0.00	16.63 -1.57 0.00	16.45 -1.55 0.00	17.15 -1.59 0.00	19.08 -1.73 0.00	22.82 -1.98 0.00	29.24 -3.22 0.00	21.57 -2.07 0.00	21.10 -1.70 0.00	22.59 -2.09 0.00	26.38 -2.62 0.00	31.42 -3.19 0.00	35.32 -4.06 0.00	37.98 -4.58 0.00	110.68 -14.36 0.00	50.27 -5.78 0.00	62.96 -6.95 0.00	55.73 -6.36 0.00	49.74 -5.59 0.00	33.01 -4.18 0.00	28.73 -3.61 0.00	20.43 -1.97 0.00	26.00 -1.88 0.00
GOETHSLN___LBMP 323567	19.53 1.23 0.00	16.80 1.01 0.00	19.34 1.14 0.00	19.14 1.14 0.00	19.82 1.08 0.00	22.13 1.32 0.00	26.45 1.64 0.00	34.80 2.34 0.00	25.34 1.69 0.00	24.58 1.55 -0.23	26.49 1.82 0.00	31.17 2.16 0.00	37.18 2.57 0.00	42.32 2.94 0.00	45.77 3.21 0.00	164.19 9.42 -29.74	60.62 4.58 0.00	75.27 5.37 0.00	66.42 4.32 0.00	58.92 3.59 0.00	39.61 2.42 0.00	34.49 2.16 0.00	23.81 1.40 0.00	29.49 1.61 0.00
GOLAH___69_KV_TB 1_2 80279	17.53 -0.77 0.00	15.09 -0.70 0.00	17.52 -0.68 0.00	17.32 -0.68 0.00	18.07 -0.68 0.00	20.11 -0.70 0.00	24.09 -0.72 0.00	31.19 -1.27 0.00	22.91 -0.73 0.00	22.30 -0.50 0.00	24.02 -0.66 0.00	28.11 -0.89 0.00	33.49 -1.11 0.00	37.82 -1.56 0.00	40.73 -1.83 0.00	119.15 -5.89 0.00	53.90 -2.15 0.00	67.44 -2.46 0.00	59.78 -2.32 0.00	53.21 -2.12 0.00	35.39 -1.80 0.00	30.70 -1.63 0.00	21.55 -0.85 0.00	27.13 -0.75 0.00

GOODYEAR_LAKE_HYD 323669	18.54 0.24 0.00	16.00 0.21 0.00	18.46 0.26 0.00	18.25 0.25 0.00	19.06 0.31 0.00	21.12 0.31 0.00	25.27 0.46 0.00	33.10 0.63 0.00	24.12 0.48 0.00	23.34 0.53 0.00	25.31 0.63 0.00	29.76 0.76 0.00	35.53 0.93 0.00	40.27 0.89 0.00	43.55 0.99 0.00	127.79 2.75 0.00	57.44 1.40 0.00	71.59 1.68 0.00	63.54 1.44 0.00	56.66 1.33 0.00	37.97 0.78 0.00	32.98 0.64 0.00	22.87 0.47 0.00	28.50 0.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.07 -0.23 0.00	15.56 -0.22 0.00	17.98 -0.22 0.00	17.80 -0.20 0.00	18.57 -0.18 0.00	20.61 -0.20 0.00	24.64 -0.17 0.00	32.22 -0.24 0.00	23.49 -0.15 0.00	22.75 -0.05 0.00	24.69 0.02 0.00	29.06 0.06 0.00	34.67 0.06 0.00	39.26 -0.12 0.00	42.39 -0.17 0.00	124.73 -0.31 0.00	56.01 -0.03 0.00	69.59 -0.32 0.00	61.71 -0.39 0.00	55.09 -0.25 0.00	36.80 -0.39 0.00	31.92 -0.41 0.00	22.19 -0.21 0.00	27.73 -0.14 0.00
GOUDEY___7 23579	18.07 -0.23 0.00	15.56 -0.22 0.00	17.98 -0.22 0.00	17.80 -0.20 0.00	18.57 -0.18 0.00	20.61 -0.20 0.00	24.64 -0.17 0.00	32.22 -0.24 0.00	23.49 -0.15 0.00	22.75 -0.05 0.00	24.69 0.02 0.00	29.06 0.06 0.00	34.67 0.06 0.00	39.26 -0.12 0.00	42.39 -0.17 0.00	124.73 -0.31 0.00	56.01 -0.03 0.00	69.59 -0.32 0.00	61.71 -0.39 0.00	55.09 -0.25 0.00	36.80 -0.39 0.00	31.92 -0.41 0.00	22.19 -0.21 0.00	27.73 -0.14 0.00
GOUDEY___8 23580	18.07 -0.23 0.00	15.56 -0.22 0.00	17.98 -0.22 0.00	17.80 -0.20 0.00	18.57 -0.18 0.00	20.61 -0.20 0.00	24.64 -0.17 0.00	32.22 -0.24 0.00	23.49 -0.15 0.00	22.75 -0.05 0.00	24.69 0.02 0.00	29.06 0.06 0.00	34.67 0.06 0.00	39.26 -0.12 0.00	42.39 -0.17 0.00	124.73 -0.31 0.00	56.01 -0.03 0.00	69.59 -0.32 0.00	61.71 -0.39 0.00	55.09 -0.25 0.00	36.80 -0.39 0.00	31.92 -0.41 0.00	22.19 -0.21 0.00	27.73 -0.14 0.00
GOWANUS_GT1_1 24077	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT1_2 24078	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT1_3 24079	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT1_4 24080	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT1_5 24084	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT1_6 24111	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT1_7 24112	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT1_8 24113	19.64 1.34 0.00	16.87 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.33 2.95 0.00	45.87 3.31 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GOWANUS_GT2_1 24114	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT2_2 24115	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT2_3 24116	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00

GOWANUS_GT2_4 24117	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT2_5 24118	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT2_6 24119	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT2_7 24120	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT2_8 24121	19.63 1.33 0.00	16.87 1.09 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.65 1.63 -0.23	26.57 1.89 0.00	31.22 2.22 0.00	37.21 2.61 0.00	42.33 2.95 0.00	45.88 3.31 0.00	164.56 9.79 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.36 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT3_1 24122	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT3_2 24123	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT3_3 24124	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT3_4 24125	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT3_5 24126	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT3_6 24127	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT3_7 24128	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT3_8 24129	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
GOWANUS_GT4_1 24130	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT4_2 24131	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00

GOWANUS_GT4_3 24132	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT4_4 24133	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT4_5 24134	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT4_6 24135	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT4_7 24136	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GOWANUS_GT4_8 24137	19.63 1.33 0.00	16.87 1.08 0.00	19.36 1.16 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.14 1.33 0.00	26.49 1.69 0.00	34.89 2.42 0.00	25.41 1.77 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.32 2.94 0.00	45.87 3.30 0.00	164.55 9.78 -29.73	60.83 4.79 0.00	75.58 5.68 0.00	66.72 4.62 0.00	59.22 3.88 0.00	39.86 2.67 0.00	34.69 2.35 0.00	23.92 1.52 0.00	29.61 1.73 0.00
GREENBSH_115KV_TB3 55895	18.79 0.49 0.00	16.26 0.47 0.00	18.69 0.49 0.00	18.49 0.48 0.00	19.25 0.50 0.00	21.37 0.56 0.00	25.49 0.68 0.00	33.40 0.94 0.00	24.25 0.61 0.00	23.38 0.51 -0.07	25.20 0.52 0.00	29.60 0.60 0.00	35.33 0.73 0.00	40.38 1.00 0.00	43.72 1.16 0.00	137.91 3.79 -9.09	57.72 1.67 0.00	72.04 2.14 0.00	63.89 1.79 0.00	56.68 1.35 0.00	38.21 1.02 0.00	33.18 0.85 0.00	22.74 0.34 0.00	28.15 0.27 0.00
GREENIDGE_115KV_TB5 80291	17.65 -0.65 0.00	15.18 -0.60 0.00	17.57 -0.64 0.00	17.39 -0.61 0.00	18.16 -0.59 0.00	20.22 -0.59 0.00	24.32 -0.49 0.00	31.80 -0.67 0.00	23.16 -0.48 0.00	22.45 -0.36 0.00	24.33 -0.35 0.00	28.60 -0.40 0.00	33.99 -0.62 0.00	38.51 -0.88 0.00	41.80 -0.76 0.00	122.58 -2.46 0.00	55.44 -0.60 0.00	68.89 -1.02 0.00	61.17 -0.93 0.00	54.60 -0.73 0.00	36.33 -0.85 0.00	31.52 -0.81 0.00	21.93 -0.47 0.00	27.47 -0.41 0.00
GREENIDGE___3 23582	17.65 -0.65 0.00	15.18 -0.60 0.00	17.57 -0.64 0.00	17.39 -0.61 0.00	18.16 -0.59 0.00	20.22 -0.59 0.00	24.32 -0.49 0.00	31.80 -0.67 0.00	23.16 -0.48 0.00	22.45 -0.36 0.00	24.33 -0.35 0.00	28.60 -0.40 0.00	33.99 -0.62 0.00	38.51 -0.88 0.00	41.80 -0.76 0.00	122.58 -2.46 0.00	55.44 -0.60 0.00	68.89 -1.02 0.00	61.17 -0.93 0.00	54.60 -0.73 0.00	36.33 -0.85 0.00	31.52 -0.81 0.00	21.93 -0.47 0.00	27.47 -0.41 0.00
GREENIDGE___4 23583	17.64 -0.66 0.00	15.18 -0.60 0.00	17.57 -0.64 0.00	17.39 -0.61 0.00	18.15 -0.59 0.00	20.22 -0.59 0.00	24.32 -0.49 0.00	31.80 -0.67 0.00	23.16 -0.48 0.00	22.44 -0.36 0.00	24.33 -0.35 0.00	28.60 -0.40 0.00	33.97 -0.64 0.00	38.51 -0.88 0.00	41.80 -0.76 0.00	122.58 -2.46 0.00	55.45 -0.60 0.00	68.88 -1.03 0.00	61.17 -0.93 0.00	54.61 -0.73 0.00	36.33 -0.86 0.00	31.52 -0.81 0.00	21.93 -0.47 0.00	27.47 -0.41 0.00
GREENLWN_69_KV_BK 3 55738	19.67 1.36 0.00	17.01 1.23 0.00	19.49 1.29 0.00	19.30 1.30 0.00	19.80 1.06 0.00	21.82 1.01 0.00	25.85 1.05 0.00	34.00 1.54 0.00	24.81 1.17 0.00	23.91 0.88 -0.23	25.68 1.03 0.03	24.75 0.97 5.23	27.04 1.24 8.80	29.09 1.53 11.82	28.98 1.77 15.35	159.17 7.55 -26.58	62.97 4.01 -2.92	73.86 3.95 0.00	65.64 3.54 0.00	58.21 2.87 0.00	26.65 1.30 11.84	30.67 1.02 2.68	23.27 0.87 0.00	29.28 1.40 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.64 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.34 2.96 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00
GRISSOM___SOLAR 323813	19.16 0.85 0.00	16.52 0.73 0.00	19.04 0.84 0.00	18.83 0.82 0.00	19.64 0.89 0.00	21.84 1.03 0.00	26.16 1.35 0.00	34.17 1.70 0.00	24.58 0.94 0.00	23.86 0.99 -0.06	25.85 1.17 0.00	30.46 1.46 0.00	36.28 1.68 0.00	41.14 1.75 0.00	44.83 2.26 0.00	139.35 6.60 -7.71	59.33 3.29 0.00	74.08 4.18 0.00	65.68 3.58 0.00	58.44 3.11 0.00	39.21 2.03 0.00	34.07 1.73 0.00	23.60 1.20 0.00	29.33 1.45 0.00
GROVEVILLE___HYD 323602	19.48 1.17 0.00	16.76 0.97 0.00	19.28 1.08 0.00	19.08 1.08 0.00	19.81 1.06 0.00	22.08 1.27 0.00	26.39 1.59 0.00	34.68 2.22 0.00	25.21 1.57 0.00	24.18 1.42 0.04	26.28 1.60 0.00	30.91 1.91 0.00	36.93 2.32 0.00	42.13 2.75 0.00	45.65 3.09 0.00	129.43 9.50 5.11	60.59 4.54 0.00	75.43 5.52 0.00	66.69 4.60 0.00	59.15 3.81 0.00	39.72 2.53 0.00	34.50 2.17 0.00	23.79 1.39 0.00	29.46 1.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.03 -0.28 0.00	15.53 -0.25 0.00	17.92 -0.28 0.00	17.74 -0.27 0.00	18.48 -0.27 0.00	20.51 -0.30 0.00	24.48 -0.33 0.00	31.93 -0.53 0.00	23.27 -0.37 0.00	22.49 -0.31 0.00	24.35 -0.33 0.00	28.61 -0.39 0.00	34.13 -0.48 0.00	38.75 -0.63 0.00	41.87 -0.69 0.00	123.01 -2.03 0.00	55.24 -0.80 0.00	68.91 -1.00 0.00	61.11 -0.99 0.00	54.40 -0.93 0.00	36.45 -0.73 0.00	31.67 -0.66 0.00	21.99 -0.41 0.00	27.40 -0.48 0.00

HAMLTNNY_34_KV_TB 80303	18.02 -0.29 0.00	15.52 -0.27 0.00	17.92 -0.29 0.00	17.73 -0.27 0.00	18.48 -0.26 0.00	20.51 -0.30 0.00	24.49 -0.31 0.00	31.95 -0.51 0.00	23.29 -0.35 0.00	22.52 -0.29 0.00	24.37 -0.31 0.00	28.63 -0.37 0.00	34.14 -0.47 0.00	38.77 -0.61 0.00	41.89 -0.67 0.00	123.13 -1.91 0.00	55.30 -0.75 0.00	68.96 -0.94 0.00	61.16 -0.94 0.00	54.45 -0.89 0.00	36.45 -0.73 0.00	31.66 -0.67 0.00	21.99 -0.41 0.00	27.40 -0.47 0.00
HAMPSHIRE___PAPER_HYD 323593	28.49 -0.28 -10.47	24.28 -0.27 -8.77	28.58 -0.27 -10.64	28.27 -0.29 -10.56	29.31 -0.30 -10.86	32.39 -0.14 -11.72	36.78 0.03 -11.94	49.12 0.10 -16.55	36.66 0.09 -12.92	35.48 0.08 -12.60	38.30 0.26 -13.37	44.52 0.37 -15.15	52.01 0.06 -17.35	59.19 -0.04 -19.86	68.51 0.05 -25.90	184.85 1.73 -58.08	64.21 1.47 -6.70	72.34 2.44 0.00	64.50 2.41 0.00	57.99 2.66 0.00	38.97 1.78 0.00	33.85 1.52 0.00	23.48 1.09 0.00	29.26 1.39 0.00
HARDSCRABBLE_WT_PWR 323673	18.32 0.02 0.00	15.88 0.10 0.00	18.28 0.07 0.00	18.06 0.05 0.00	18.83 0.08 0.00	20.97 0.16 0.00	25.15 0.23 -0.12	32.79 0.33 0.00	23.72 0.08 0.00	22.77 -0.03 0.00	24.78 0.10 0.00	29.01 0.01 0.00	34.51 -0.10 0.00	39.29 -0.09 0.00	42.76 0.20 0.00	126.46 1.42 0.00	56.65 0.60 0.00	70.33 0.42 0.00	62.32 0.22 0.00	55.20 -0.13 0.00	37.37 0.18 0.00	32.62 0.29 0.00	22.44 0.04 0.00	27.80 -0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.41 1.10 0.00	16.69 0.90 0.00	19.20 0.99 0.00	18.99 0.98 0.00	19.70 0.96 0.00	21.99 1.18 0.00	26.26 1.46 0.00	34.53 2.06 0.00	25.12 1.48 0.00	23.40 1.32 0.72	26.22 1.54 0.00	30.88 1.88 0.00	36.88 2.28 0.00	42.06 2.68 0.00	45.55 2.99 0.00	43.50 9.07 90.61	60.45 4.41 0.00	75.13 5.22 0.00	66.36 4.26 0.00	58.89 3.55 0.00	39.52 2.33 0.00	34.37 2.03 0.00	23.72 1.31 0.00	29.38 1.50 0.00
HARSNRAD_115KV_TB1 81005	16.82 -1.48 0.00	14.49 -1.30 0.00	16.89 -1.31 0.00	16.71 -1.30 0.00	17.43 -1.31 0.00	19.40 -1.41 0.00	23.24 -1.57 0.00	29.84 -2.62 0.00	22.00 -1.64 0.00	21.50 -1.30 0.00	23.05 -1.63 0.00	26.94 -2.06 0.00	32.10 -2.51 0.00	36.10 -3.29 0.00	38.84 -3.72 0.00	113.20 -11.83 0.00	51.49 -4.56 0.00	64.50 -5.41 0.00	57.14 -4.96 0.00	50.99 -4.35 0.00	33.81 -3.38 0.00	29.39 -2.94 0.00	20.88 -1.52 0.00	26.53 -1.35 0.00
HARZA MOOSE___RIVER 24016	21.00 -0.22 -2.91	18.03 -0.20 -2.44	20.94 -0.23 -2.96	20.73 -0.21 -2.94	21.58 -0.19 -3.02	23.98 -0.09 -3.26	28.21 0.00 -3.40	37.06 -0.01 -4.61	27.26 0.03 -3.60	26.38 0.07 -3.51	28.62 0.22 -3.72	33.60 0.38 -4.22	39.72 0.28 -4.83	45.12 0.21 -5.53	50.08 0.31 -7.21	143.33 2.12 -16.17	59.13 1.22 -1.87	71.46 1.55 0.00	63.45 1.35 0.00	56.77 1.44 0.00	38.13 0.94 0.00	33.16 0.83 0.00	23.02 0.62 0.00	28.66 0.78 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.93 -0.37 0.00	15.45 -0.34 0.00	17.84 -0.37 0.00	17.64 -0.36 0.00	18.39 -0.36 0.00	20.41 -0.40 0.00	24.36 -0.45 0.00	31.77 -0.70 0.00	23.17 -0.47 0.00	22.39 -0.41 0.00	24.24 -0.44 0.00	28.48 -0.52 0.00	33.97 -0.64 0.00	38.58 -0.81 0.00	41.68 -0.88 0.00	122.41 -2.62 0.00	54.94 -1.11 0.00	68.49 -1.42 0.00	60.73 -1.37 0.00	54.07 -1.27 0.00	36.23 -0.96 0.00	31.50 -0.83 0.00	21.87 -0.53 0.00	27.26 -0.62 0.00
HELLGATE_13_KV_LD 55870	19.57 1.27 0.00	16.82 1.04 0.00	19.34 1.13 0.00	19.13 1.13 0.00	19.81 1.06 0.00	22.10 1.29 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.17 2.56 0.00	42.32 2.94 0.00	45.80 3.24 0.00	164.28 9.51 -29.73	60.69 4.65 0.00	75.38 5.48 0.00	66.51 4.41 0.00	59.01 3.68 0.00	39.72 2.54 0.00	34.56 2.23 0.00	23.84 1.43 0.00	29.50 1.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.57 1.27 0.00	16.82 1.04 0.00	19.34 1.13 0.00	19.13 1.13 0.00	19.81 1.06 0.00	22.10 1.29 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.17 2.56 0.00	42.32 2.94 0.00	45.80 3.24 0.00	164.28 9.51 -29.73	60.69 4.65 0.00	75.38 5.48 0.00	66.51 4.41 0.00	59.01 3.68 0.00	39.72 2.54 0.00	34.56 2.23 0.00	23.84 1.43 0.00	29.50 1.62 0.00
HEMPSTEAD____ 23647	19.67 1.37 0.00	16.98 1.20 0.00	19.47 1.27 0.00	19.28 1.28 0.00	19.87 1.13 0.00	22.00 1.19 0.00	26.16 1.35 0.00	34.42 1.96 0.00	25.09 1.45 0.00	24.24 1.21 -0.23	26.01 1.34 0.01	27.84 1.49 2.65	30.10 1.86 6.36	32.97 2.25 8.67	33.78 2.53 11.31	161.61 9.10 -27.46	64.93 4.66 -4.23	75.02 5.11 0.00	66.56 4.47 0.00	58.93 3.60 0.00	30.44 1.90 8.65	31.92 1.56 1.98	23.52 1.12 0.00	29.38 1.50 0.00
HEWLETT_69_KV_BK3 55828	19.84 1.54 0.00	17.13 1.35 0.00	19.63 1.43 0.00	19.43 1.43 0.00	20.03 1.28 0.00	22.17 1.36 0.00	26.33 1.53 0.00	34.63 2.16 0.00	25.26 1.62 0.00	24.42 1.39 -0.23	26.25 1.58 0.00	30.36 1.74 0.38	29.26 2.10 7.44	31.47 2.50 10.42	31.45 2.63 13.74	162.66 9.86 -27.77	65.73 5.10 -4.58	75.56 5.66 0.00	67.15 5.06 0.00	59.44 4.11 0.00	29.15 2.06 10.09	31.60 1.64 2.37	23.58 1.17 0.00	29.48 1.60 0.00
HICKLING___1 23621	17.59 -0.71 0.00	15.12 -0.66 0.00	17.51 -0.70 0.00	17.36 -0.65 0.00	18.11 -0.64 0.00	20.16 -0.65 0.00	24.23 -0.58 0.00	31.70 -0.76 0.00	23.09 -0.55 0.00	22.39 -0.41 0.00	24.36 -0.31 0.00	28.69 -0.31 0.00	34.26 -0.34 0.00	38.67 -0.71 0.00	41.95 -0.61 0.00	123.56 -1.48 0.00	55.63 -0.41 0.00	68.96 -0.95 0.00	61.17 -0.93 0.00	54.74 -0.60 0.00	36.35 -0.84 0.00	31.44 -0.89 0.00	21.90 -0.50 0.00	27.51 -0.37 0.00
HICKLING___2 23622	17.59 -0.71 0.00	15.12 -0.66 0.00	17.51 -0.70 0.00	17.36 -0.65 0.00	18.11 -0.64 0.00	20.16 -0.65 0.00	24.23 -0.58 0.00	31.70 -0.76 0.00	23.09 -0.55 0.00	22.39 -0.41 0.00	24.36 -0.31 0.00	28.69 -0.31 0.00	34.26 -0.34 0.00	38.67 -0.71 0.00	41.95 -0.61 0.00	123.56 -1.48 0.00	55.63 -0.41 0.00	68.96 -0.95 0.00	61.17 -0.93 0.00	54.74 -0.60 0.00	36.35 -0.84 0.00	31.44 -0.89 0.00	21.90 -0.50 0.00	27.51 -0.37 0.00
HIGH FALLS___HY 23754	19.43 1.13 0.00	16.71 0.93 0.00	19.22 1.02 0.00	19.01 1.01 0.00	19.73 0.99 0.00	22.01 1.20 0.00	26.32 1.52 0.00	34.63 2.17 0.00	25.17 1.53 0.00	24.03 1.35 0.12	26.19 1.51 0.00	30.82 1.82 0.00	36.83 2.23 0.00	41.92 2.54 0.00	45.37 2.81 0.00	118.45 9.04 15.63	60.57 4.53 0.00	75.40 5.50 0.00	66.62 4.52 0.00	59.14 3.81 0.00	39.66 2.48 0.00	34.47 2.14 0.00	23.83 1.43 0.00	29.50 1.63 0.00
HIGH_RIVER___SOLAR 323847	18.95 0.65 0.00	16.36 0.57 0.00	18.85 0.64 0.00	18.65 0.65 0.00	19.42 0.68 0.00	21.59 0.78 0.00	25.80 1.00 0.00	33.71 1.25 0.00	24.36 0.72 0.00	23.51 0.64 -0.06	25.47 0.79 0.00	29.98 0.97 0.00	35.73 1.12 0.00	40.71 1.32 0.00	44.20 1.64 0.00	137.98 4.84 -8.09	58.46 2.41 0.00	72.97 3.06 0.00	64.72 2.62 0.00	57.53 2.19 0.00	38.68 1.49 0.00	33.60 1.27 0.00	23.24 0.84 0.00	28.86 0.99 0.00

HILLBURN___GT 23639	19.38 1.07 0.00	16.67 0.88 0.00	19.17 0.97 0.00	18.97 0.96 0.00	19.67 0.92 0.00	21.95 1.14 0.00	26.20 1.40 0.00	34.46 2.00 0.00	25.08 1.44 0.00	23.31 1.29 0.78	26.18 1.51 0.00	30.84 1.84 0.00	36.84 2.23 0.00	41.99 2.61 0.00	45.43 2.87 0.00	35.39 8.49 98.14	60.22 4.18 0.00	74.78 4.87 0.00	66.06 3.96 0.00	58.62 3.29 0.00	39.36 2.18 0.00	34.25 1.92 0.00	23.64 1.24 0.00	29.30 1.42 0.00
HILLSIDE_115KV_TB1 80332	17.61 -0.69 0.00	15.14 -0.65 0.00	17.52 -0.68 0.00	17.38 -0.63 0.00	18.12 -0.62 0.00	20.16 -0.65 0.00	24.17 -0.64 0.00	31.63 -0.83 0.00	23.06 -0.58 0.00	22.38 -0.42 0.00	24.36 -0.31 0.00	28.71 -0.29 0.00	34.26 -0.34 0.00	38.65 -0.73 0.00	41.79 -0.77 0.00	123.07 -1.97 0.00	55.29 -0.75 0.00	68.39 -1.52 0.00	60.64 -1.45 0.00	54.29 -1.05 0.00	36.08 -1.10 0.00	31.24 -1.09 0.00	21.76 -0.64 0.00	27.31 -0.56 0.00
HISHELDN_WT_PWR 323625	16.71 -1.59 0.00	14.38 -1.41 0.00	16.75 -1.46 0.00	16.58 -1.42 0.00	17.32 -1.43 0.00	19.31 -1.50 0.00	23.20 -1.61 0.00	30.07 -2.40 0.00	21.95 -1.69 0.00	21.35 -1.45 0.00	23.03 -1.65 0.00	27.04 -1.97 0.00	32.36 -2.25 0.00	36.52 -2.86 0.00	39.57 -2.99 0.00	116.09 -8.95 0.00	52.86 -3.19 0.00	65.86 -4.04 0.00	58.50 -3.60 0.00	52.25 -3.08 0.00	34.64 -2.55 0.00	30.04 -2.30 0.00	21.19 -1.21 0.00	26.87 -1.01 0.00
HOLTSVILLE_IC_1 23690	19.86 1.56 0.00	17.20 1.42 0.00	19.69 1.49 0.00	19.51 1.51 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.10 1.29 0.00	34.33 1.87 0.00	25.04 1.40 0.00	24.08 1.05 -0.23	25.81 1.16 0.03	24.74 1.07 5.33	27.09 1.39 8.90	29.17 1.75 11.96	29.07 2.04 15.53	159.77 8.18 -26.55	63.06 4.16 -2.86	73.79 3.89 0.00	65.52 3.42 0.00	58.00 2.66 0.00	26.49 1.29 11.99	30.72 1.09 2.71	23.33 0.92 0.00	29.38 1.51 0.00
HOLTSVILLE_IC_10 23699	19.95 1.65 0.00	17.27 1.48 0.00	19.77 1.57 0.00	19.59 1.59 0.00	20.10 1.35 0.00	22.10 1.29 0.00	26.22 1.42 0.00	34.50 2.04 0.00	25.15 1.51 0.00	24.19 1.16 -0.23	25.92 1.27 0.03	24.90 1.18 5.29	27.27 1.53 8.87	29.41 1.94 11.92	29.34 2.26 15.48	160.42 8.82 -26.57	63.38 4.45 -2.88	74.11 4.21 0.00	65.77 3.67 0.00	58.24 2.91 0.00	26.70 1.45 11.94	30.89 1.26 2.70	23.44 1.04 0.00	29.51 1.63 0.00
HOLTSVILLE_IC_2 23691	19.86 1.56 0.00	17.20 1.42 0.00	19.69 1.49 0.00	19.51 1.51 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.10 1.29 0.00	34.33 1.87 0.00	25.04 1.40 0.00	24.08 1.05 -0.23	25.81 1.16 0.03	24.74 1.07 5.33	27.09 1.39 8.90	29.17 1.75 11.96	29.07 2.04 15.53	159.77 8.18 -26.55	63.06 4.16 -2.86	73.79 3.89 0.00	65.52 3.42 0.00	58.00 2.66 0.00	26.49 1.29 11.99	30.72 1.09 2.71	23.33 0.92 0.00	29.38 1.51 0.00
HOLTSVILLE_IC_3 23692	19.86 1.56 0.00	17.20 1.42 0.00	19.69 1.49 0.00	19.51 1.51 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.10 1.29 0.00	34.33 1.87 0.00	25.04 1.40 0.00	24.08 1.05 -0.23	25.81 1.16 0.03	24.74 1.07 5.33	27.09 1.39 8.90	29.17 1.75 11.96	29.07 2.04 15.53	159.77 8.18 -26.55	63.06 4.16 -2.86	73.79 3.89 0.00	65.52 3.42 0.00	58.00 2.66 0.00	26.49 1.29 11.99	30.72 1.09 2.71	23.33 0.92 0.00	29.38 1.51 0.00
HOLTSVILLE_IC_4 23693	19.86 1.56 0.00	17.20 1.42 0.00	19.69 1.49 0.00	19.51 1.51 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.10 1.29 0.00	34.33 1.87 0.00	25.04 1.40 0.00	24.08 1.05 -0.23	25.81 1.16 0.03	24.74 1.07 5.33	27.09 1.39 8.90	29.17 1.75 11.96	29.07 2.04 15.53	159.77 8.18 -26.55	63.06 4.16 -2.86	73.79 3.89 0.00	65.52 3.42 0.00	58.00 2.66 0.00	26.49 1.29 11.99	30.72 1.09 2.71	23.33 0.92 0.00	29.38 1.51 0.00
HOLTSVILLE_IC_5 23694	19.86 1.56 0.00	17.20 1.42 0.00	19.69 1.49 0.00	19.51 1.51 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.10 1.29 0.00	34.33 1.87 0.00	25.04 1.40 0.00	24.08 1.05 -0.23	25.81 1.16 0.03	24.74 1.07 5.33	27.09 1.39 8.90	29.17 1.75 11.96	29.07 2.04 15.53	159.77 8.18 -26.55	63.06 4.16 -2.86	73.79 3.89 0.00	65.52 3.42 0.00	58.00 2.66 0.00	26.49 1.29 11.99	30.72 1.09 2.71	23.33 0.92 0.00	29.38 1.51 0.00
HOLTSVILLE_IC_6 23695	19.95 1.65 0.00	17.27 1.48 0.00	19.77 1.57 0.00	19.59 1.59 0.00	20.10 1.35 0.00	22.10 1.29 0.00	26.22 1.42 0.00	34.50 2.04 0.00	25.15 1.51 0.00	24.19 1.16 -0.23	25.92 1.27 0.03	24.90 1.18 5.29	27.27 1.53 8.87	29.41 1.94 11.92	29.34 2.26 15.48	160.42 8.82 -26.57	63.38 4.45 -2.88	74.11 4.21 0.00	65.77 3.67 0.00	58.24 2.91 0.00	26.70 1.45 11.94	30.89 1.26 2.70	23.44 1.04 0.00	29.51 1.63 0.00
HOLTSVILLE_IC_7 23696	19.95 1.65 0.00	17.27 1.48 0.00	19.77 1.57 0.00	19.59 1.59 0.00	20.10 1.35 0.00	22.10 1.29 0.00	26.22 1.42 0.00	34.50 2.04 0.00	25.15 1.51 0.00	24.19 1.16 -0.23	25.92 1.27 0.03	24.90 1.18 5.29	27.27 1.53 8.87	29.41 1.94 11.92	29.34 2.26 15.48	160.42 8.82 -26.57	63.38 4.45 -2.88	74.11 4.21 0.00	65.77 3.67 0.00	58.24 2.91 0.00	26.70 1.45 11.94	30.89 1.26 2.70	23.44 1.04 0.00	29.51 1.63 0.00
HOLTSVILLE_IC_8 23697	19.95 1.65 0.00	17.27 1.48 0.00	19.77 1.57 0.00	19.59 1.59 0.00	20.10 1.35 0.00	22.10 1.29 0.00	26.22 1.42 0.00	34.50 2.04 0.00	25.15 1.51 0.00	24.19 1.16 -0.23	25.92 1.27 0.03	24.90 1.18 5.29	27.27 1.53 8.87	29.41 1.94 11.92	29.34 2.26 15.48	160.42 8.82 -26.57	63.38 4.45 -2.88	74.11 4.21 0.00	65.77 3.67 0.00	58.24 2.91 0.00	26.70 1.45 11.94	30.89 1.26 2.70	23.44 1.04 0.00	29.51 1.63 0.00
HOLTSVILLE_IC_9 23698	19.95 1.65 0.00	17.27 1.48 0.00	19.77 1.57 0.00	19.59 1.59 0.00	20.10 1.35 0.00	22.10 1.29 0.00	26.22 1.42 0.00	34.50 2.04 0.00	25.15 1.51 0.00	24.19 1.16 -0.23	25.92 1.27 0.03	24.90 1.18 5.29	27.27 1.53 8.87	29.41 1.94 11.92	29.34 2.26 15.48	160.42 8.82 -26.57	63.38 4.45 -2.88	74.11 4.21 0.00	65.77 3.67 0.00	58.24 2.91 0.00	26.70 1.45 11.94	30.89 1.26 2.70	23.44 1.04 0.00	29.51 1.63 0.00
HOMER_HL_115KV_TB2 355744	17.87 -0.43 0.00	15.37 -0.42 0.00	17.86 -0.34 0.00	17.71 -0.30 0.00	18.50 -0.25 0.00	20.53 -0.28 0.00	24.47 -0.33 0.00	31.62 -0.84 0.00	23.29 -0.35 0.00	22.81 0.01 0.00	24.76 0.08 0.00	29.23 0.23 0.00	34.92 0.31 0.00	39.33 -0.05 0.00	42.16 -0.41 0.00	123.22 -1.82 0.00	55.98 -0.07 0.00	69.31 -0.59 0.00	61.40 -0.70 0.00	54.90 -0.44 0.00	36.39 -0.79 0.00	31.57 -0.76 0.00	22.22 -0.18 0.00	28.17 0.29 0.00
HOWARD_WT_PWR 323690	16.26 -2.05 0.00	13.97 -1.82 0.00	16.27 -1.93 0.00	16.04 -1.96 0.00	16.75 -1.99 0.00	18.71 -2.10 0.00	22.78 -2.03 0.00	29.96 -2.50 0.00	21.60 -2.03 0.00	20.79 -2.01 0.00	22.65 -2.03 0.00	26.61 -2.39 0.00	31.95 -2.66 0.00	36.32 -3.06 0.00	40.19 -2.37 0.00	119.34 -5.70 0.00	54.22 -1.82 0.00	67.29 -2.61 0.00	59.66 -2.44 0.00	53.52 -1.82 0.00	35.57 -1.62 0.00	30.60 -1.73 0.00	21.30 -1.10 0.00	26.74 -1.14 0.00

HQ_GEN_CEDARS 23644	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.78 0.03 -16.00	38.31 0.23 -17.27	42.87 0.51 -17.56	57.65 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.05 0.68 -19.70	52.07 0.75 -22.32	60.58 0.42 -25.56	69.09 0.45 -29.26	81.35 0.63 -38.16	213.48 2.86 -85.59	68.11 2.18 -9.88	73.66 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.65 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
HQ_GEN_CEDARS_PROXY 323590	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.77 0.03 -16.00	38.31 0.23 -17.27	42.86 0.50 -17.56	57.64 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.04 0.67 -19.70	52.07 0.74 -22.32	60.58 0.41 -25.56	69.09 0.45 -29.26	81.34 0.62 -38.16	213.48 2.85 -85.59	68.11 2.18 -9.88	73.65 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.64 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
HQ_GEN_IMPORT 323601	17.30 -0.05 0.95	14.94 -0.06 0.79	17.19 -0.05 0.96	16.99 -0.05 0.96	17.70 -0.06 0.98	19.68 -0.06 1.06	23.96 -0.10 0.75	30.89 -0.07 1.50	22.44 -0.03 1.17	21.66 0.00 1.14	23.44 -0.03 1.21	27.60 -0.03 1.37	33.02 -0.01 1.57	37.53 -0.05 1.80	40.13 -0.09 2.35	117.08 -0.56 7.39	55.07 -0.37 0.61	69.57 -0.34 0.00	62.01 -0.08 0.00	55.50 0.16 0.00	34.08 0.11 3.22	32.43 0.10 0.00	22.51 0.11 0.00	28.06 0.19 0.00
HQ_GEN_WHEEL 23651	17.30 -0.05 0.95	14.94 -0.06 0.79	17.19 -0.05 0.96	16.99 -0.05 0.96	17.70 -0.06 0.98	19.68 -0.06 1.06	23.96 -0.10 0.75	30.89 -0.07 1.50	22.44 -0.03 1.17	21.66 0.00 1.14	23.44 -0.03 1.21	27.60 -0.03 1.37	33.02 -0.01 1.57	37.53 -0.05 1.80	40.13 -0.09 2.35	117.08 -0.56 7.39	55.07 -0.37 0.61	69.57 -0.34 0.00	62.01 -0.08 0.00	55.50 0.16 0.00	34.08 0.11 3.22	32.43 0.10 0.00	22.51 0.11 0.00	28.06 0.19 0.00
HUDSON AVE_GT_3 23810	19.61 1.30 0.00	16.85 1.07 0.00	19.39 1.18 0.00	19.18 1.18 0.00	19.87 1.12 0.00	22.16 1.35 0.00	26.50 1.70 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.67 1.64 -0.23	26.59 1.91 0.00	31.26 2.26 0.00	37.30 2.69 0.00	42.50 3.12 0.00	45.97 3.41 0.00	164.87 10.09 -29.74	60.92 4.88 0.00	75.68 5.78 0.00	66.79 4.69 0.00	59.23 3.89 0.00	39.81 2.62 0.00	34.64 2.31 0.00	23.91 1.51 0.00	29.60 1.72 0.00
HUDSON AVE_GT_4 23540	19.61 1.30 0.00	16.85 1.07 0.00	19.39 1.18 0.00	19.18 1.18 0.00	19.87 1.12 0.00	22.16 1.35 0.00	26.50 1.70 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.67 1.64 -0.23	26.59 1.91 0.00	31.26 2.26 0.00	37.30 2.69 0.00	42.50 3.12 0.00	45.97 3.41 0.00	164.87 10.09 -29.74	60.92 4.88 0.00	75.68 5.78 0.00	66.79 4.69 0.00	59.23 3.89 0.00	39.81 2.62 0.00	34.64 2.31 0.00	23.91 1.51 0.00	29.60 1.72 0.00
HUDSON AVE_GT_5 23657	19.61 1.30 0.00	16.85 1.07 0.00	19.39 1.18 0.00	19.18 1.18 0.00	19.87 1.12 0.00	22.16 1.35 0.00	26.50 1.70 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.67 1.64 -0.23	26.59 1.91 0.00	31.26 2.26 0.00	37.30 2.69 0.00	42.50 3.12 0.00	45.97 3.41 0.00	164.87 10.09 -29.74	60.92 4.88 0.00	75.68 5.78 0.00	66.79 4.69 0.00	59.23 3.89 0.00	39.81 2.62 0.00	34.64 2.31 0.00	23.91 1.51 0.00	29.60 1.72 0.00
HUDSON_AVE_10 24168	19.51 1.20 0.00	16.77 0.98 0.00	19.28 1.08 0.00	19.09 1.08 0.00	19.76 1.02 0.00	22.05 1.24 0.00	26.36 1.55 0.00	34.71 2.25 0.00	25.29 1.64 0.00	24.55 1.52 -0.23	26.51 1.83 0.00	31.10 2.10 0.00	37.11 2.50 0.00	42.27 2.89 0.00	45.73 3.17 0.00	164.29 9.29 -29.96	60.60 4.55 0.00	75.33 5.42 0.00	66.48 4.38 0.00	58.95 3.61 0.00	39.62 2.44 0.00	34.47 2.14 0.00	23.78 1.38 0.00	29.43 1.55 0.00
HUDSON___115KV_TB 4 355613	19.06 0.76 0.00	16.49 0.70 0.00	18.97 0.76 0.00	18.76 0.75 0.00	19.55 0.80 0.00	21.70 0.89 0.00	25.94 1.14 0.00	33.98 1.51 0.00	24.54 0.90 0.00	23.54 0.69 -0.05	25.33 0.65 0.00	29.97 0.96 0.00	35.69 1.09 0.00	40.79 1.41 0.00	44.29 1.73 0.00	137.34 6.00 -6.30	58.76 2.72 0.00	73.53 3.62 0.00	65.21 3.12 0.00	57.83 2.49 0.00	38.95 1.76 0.00	33.75 1.43 0.00	23.12 0.72 0.00	28.60 0.72 0.00
HUNTER MOUNT___DRP 323613	19.08 0.78 0.00	16.51 0.73 0.00	19.00 0.80 0.00	18.79 0.79 0.00	19.60 0.85 0.00	21.76 0.95 0.00	26.02 1.22 0.00	34.06 1.60 0.00	24.55 0.91 0.00	23.48 0.68 0.00	25.30 0.62 0.00	29.97 0.97 0.00	35.67 1.07 0.00	40.78 1.40 0.00	44.33 1.77 0.00	131.22 6.18 0.00	58.84 2.80 0.00	73.73 3.83 0.00	65.45 3.35 0.00	57.96 2.63 0.00	39.06 1.87 0.00	33.83 1.50 0.00	23.14 0.74 0.00	28.62 0.75 0.00
HUNTINGTON_RES_REC 323705	19.77 1.46 0.00	17.11 1.32 0.00	19.59 1.39 0.00	19.41 1.40 0.00	19.91 1.16 0.00	21.91 1.10 0.00	25.97 1.17 0.00	34.16 1.70 0.00	24.92 1.28 0.00	23.98 0.95 -0.23	25.73 1.08 0.03	24.69 0.98 5.29	27.01 1.27 8.86	29.09 1.62 11.90	29.00 1.89 15.46	159.52 7.91 -26.57	63.01 4.09 -2.88	73.84 3.94 0.00	65.61 3.51 0.00	58.13 2.79 0.00	26.57 1.31 11.93	30.70 1.06 2.69	23.31 0.91 0.00	29.34 1.46 0.00
HUNTLEY___63 23557	16.98 -1.32 0.00	14.63 -1.16 0.00	17.04 -1.16 0.00	16.85 -1.15 0.00	17.58 -1.16 0.00	19.57 -1.24 0.00	23.45 -1.35 0.00	30.14 -2.33 0.00	22.22 -1.42 0.00	21.73 -1.07 0.00	23.31 -1.36 0.00	27.27 -1.74 0.00	32.48 -2.13 0.00	36.54 -2.84 0.00	39.31 -3.25 0.00	114.69 -10.35 0.00	52.14 -3.90 0.00	65.29 -4.62 0.00	57.82 -4.27 0.00	51.61 -3.73 0.00	34.22 -2.97 0.00	29.74 -2.60 0.00	21.09 -1.31 0.00	26.80 -1.08 0.00
HUNTLEY___64 23558	16.98 -1.32 0.00	14.63 -1.16 0.00	17.04 -1.16 0.00	16.85 -1.15 0.00	17.58 -1.16 0.00	19.57 -1.24 0.00	23.45 -1.35 0.00	30.14 -2.33 0.00	22.22 -1.42 0.00	21.73 -1.07 0.00	23.31 -1.36 0.00	27.27 -1.74 0.00	32.48 -2.13 0.00	36.54 -2.84 0.00	39.31 -3.25 0.00	114.69 -10.35 0.00	52.14 -3.90 0.00	65.29 -4.62 0.00	57.82 -4.27 0.00	51.61 -3.73 0.00	34.22 -2.97 0.00	29.74 -2.60 0.00	21.09 -1.31 0.00	26.80 -1.08 0.00
HUNTLEY___65 23559	16.98 -1.32 0.00	14.63 -1.16 0.00	17.04 -1.16 0.00	16.85 -1.15 0.00	17.58 -1.16 0.00	19.57 -1.24 0.00	23.45 -1.35 0.00	30.14 -2.33 0.00	22.22 -1.42 0.00	21.73 -1.07 0.00	23.31 -1.36 0.00	27.27 -1.74 0.00	32.48 -2.13 0.00	36.54 -2.84 0.00	39.31 -3.25 0.00	114.69 -10.35 0.00	52.14 -3.90 0.00	65.29 -4.62 0.00	57.82 -4.27 0.00	51.61 -3.73 0.00	34.22 -2.97 0.00	29.74 -2.60 0.00	21.09 -1.31 0.00	26.80 -1.08 0.00
HUNTLEY___66 23560	16.98 -1.32 0.00	14.63 -1.16 0.00	17.04 -1.16 0.00	16.85 -1.15 0.00	17.58 -1.16 0.00	19.57 -1.24 0.00	23.45 -1.35 0.00	30.14 -2.33 0.00	22.22 -1.42 0.00	21.73 -1.07 0.00	23.31 -1.36 0.00	27.27 -1.74 0.00	32.48 -2.13 0.00	36.54 -2.84 0.00	39.31 -3.25 0.00	114.69 -10.35 0.00	52.14 -3.90 0.00	65.29 -4.62 0.00	57.82 -4.27 0.00	51.61 -3.73 0.00	34.22 -2.97 0.00	29.74 -2.60 0.00	21.09 -1.31 0.00	26.80 -1.08 0.00

HUNTLEY___67 23561	16.88 -1.43 0.00	14.53 -1.25 0.00	16.94 -1.26 0.00	16.76 -1.25 0.00	17.48 -1.26 0.00	19.46 -1.35 0.00	23.30 -1.50 0.00	29.97 -2.49 0.00	22.06 -1.58 0.00	21.57 -1.23 0.00	23.15 -1.53 0.00	27.11 -1.90 0.00	32.31 -2.29 0.00	36.39 -2.99 0.00	39.15 -3.41 0.00	114.28 -10.76 0.00	51.95 -4.09 0.00	64.95 -4.96 0.00	57.56 -4.54 0.00	51.39 -3.95 0.00	34.06 -3.13 0.00	29.60 -2.73 0.00	20.98 -1.42 0.00	26.65 -1.22 0.00
HUNTLEY___68 23562	16.88 -1.43 0.00	14.53 -1.25 0.00	16.94 -1.26 0.00	16.76 -1.25 0.00	17.48 -1.26 0.00	19.46 -1.35 0.00	23.30 -1.50 0.00	29.97 -2.49 0.00	22.06 -1.58 0.00	21.57 -1.23 0.00	23.15 -1.53 0.00	27.11 -1.90 0.00	32.31 -2.29 0.00	36.39 -2.99 0.00	39.15 -3.41 0.00	114.28 -10.76 0.00	51.95 -4.09 0.00	64.95 -4.96 0.00	57.56 -4.54 0.00	51.39 -3.95 0.00	34.06 -3.13 0.00	29.60 -2.73 0.00	20.98 -1.42 0.00	26.65 -1.22 0.00
HYLAND___LFGE 323620	17.71 -0.59 0.00	15.21 -0.57 0.00	17.65 -0.55 0.00	17.45 -0.55 0.00	18.24 -0.50 0.00	20.36 -0.45 0.00	24.62 -0.18 0.00	32.15 -0.32 0.00	23.43 -0.21 0.00	22.61 -0.19 0.00	24.39 -0.30 0.00	28.42 -0.58 0.00	33.68 -0.93 0.00	37.78 -1.60 0.00	41.61 -0.95 0.00	122.68 -2.36 0.00	56.04 -0.01 0.00	70.42 0.51 0.00	62.54 0.45 0.00	55.82 0.49 0.00	37.04 -0.15 0.00	31.92 -0.41 0.00	22.30 -0.10 0.00	28.00 0.12 0.00
INDECK___CORINTH 23802	18.94 0.64 0.00	16.34 0.56 0.00	18.83 0.62 0.00	18.67 0.66 0.00	19.42 0.67 0.00	21.67 0.86 0.00	25.86 1.05 0.00	33.90 1.44 0.00	24.53 0.89 0.00	23.60 0.73 -0.07	25.48 0.80 0.00	29.96 0.95 0.00	35.72 1.12 0.00	40.94 1.56 0.00	44.32 1.76 0.00	138.77 5.06 -8.67	58.56 2.52 0.00	73.23 3.33 0.00	65.00 2.90 0.00	57.52 2.18 0.00	38.68 1.49 0.00	33.57 1.24 0.00	23.13 0.73 0.00	28.60 0.72 0.00
INDECK___ILION 23567	18.42 0.12 0.00	15.92 0.13 0.00	18.32 0.12 0.00	18.12 0.12 0.00	18.88 0.13 0.00	20.98 0.17 0.00	25.17 0.25 -0.12	32.78 0.32 0.00	23.78 0.13 0.00	22.88 0.08 0.00	24.82 0.14 0.00	29.14 0.14 0.00	34.71 0.11 0.00	39.56 0.18 0.00	42.92 0.35 0.00	126.55 1.51 0.00	56.66 0.62 0.00	70.58 0.68 0.00	62.61 0.52 0.00	55.59 0.26 0.00	37.46 0.27 0.00	32.61 0.28 0.00	22.48 0.08 0.00	27.89 0.01 0.00
INDECK___OLEAN 23982	17.87 -0.43 0.00	15.36 -0.42 0.00	17.86 -0.34 0.00	17.70 -0.30 0.00	18.50 -0.25 0.00	20.53 -0.28 0.00	24.48 -0.33 0.00	31.61 -0.85 0.00	23.29 -0.35 0.00	22.80 0.00 0.00	24.74 0.07 0.00	29.23 0.23 0.00	34.91 0.30 0.00	39.32 -0.07 0.00	42.15 -0.41 0.00	123.12 -1.92 0.00	55.98 -0.06 0.00	69.31 -0.60 0.00	61.40 -0.70 0.00	54.89 -0.44 0.00	36.39 -0.80 0.00	31.57 -0.76 0.00	22.22 -0.18 0.00	28.17 0.29 0.00
INDECK___OSWEGO 23783	18.42 -0.57 -0.68	15.86 -0.50 -0.57	18.33 -0.57 -0.70	18.14 -0.56 -0.69	18.88 -0.58 -0.71	20.94 -0.64 -0.77	24.86 -0.76 -0.82	32.41 -1.14 -1.08	23.69 -0.79 -0.85	22.90 -0.73 -0.83	24.76 -0.79 -0.87	29.08 -0.92 -0.99	34.60 -1.14 -1.14	39.31 -1.37 -1.30	42.75 -1.50 -1.70	124.56 -4.28 -3.80	54.68 -1.80 -0.44	67.65 -2.26 0.00	60.04 -2.06 0.00	53.46 -1.87 0.00	35.88 -1.31 0.00	31.20 -1.13 0.00	21.66 -0.74 0.00	26.98 -0.90 0.00
INDECK___YERKES 23781	17.00 -1.30 0.00	14.64 -1.15 0.00	17.06 -1.14 0.00	16.87 -1.13 0.00	17.61 -1.14 0.00	19.59 -1.22 0.00	23.48 -1.32 0.00	30.17 -2.30 0.00	22.25 -1.39 0.00	21.75 -1.06 0.00	23.33 -1.34 0.00	27.29 -1.71 0.00	32.50 -2.11 0.00	36.57 -2.82 0.00	39.33 -3.23 0.00	114.79 -10.25 0.00	52.21 -3.84 0.00	65.34 -4.57 0.00	57.88 -4.22 0.00	51.64 -3.69 0.00	34.23 -2.95 0.00	29.76 -2.57 0.00	21.11 -1.29 0.00	26.82 -1.06 0.00
INDIAN POINT_GT_1 24139	19.39 1.08 0.00	16.68 0.89 0.00	19.19 0.98 0.00	18.98 0.98 0.00	19.68 0.93 0.00	21.94 1.14 0.00	26.21 1.41 0.00	34.47 2.01 0.00	25.08 1.44 0.00	24.35 1.30 -0.25	26.17 1.49 0.00	30.80 1.80 0.00	36.76 2.16 0.00	41.92 2.54 0.00	45.37 2.81 0.00	164.63 8.44 -31.15	60.17 4.13 0.00	74.79 4.88 0.00	66.07 3.97 0.00	58.61 3.28 0.00	39.37 2.18 0.00	34.25 1.92 0.00	23.64 1.24 0.00	29.29 1.41 0.00
INDIAN POINT_GT_2 23659	19.39 1.08 0.00	16.68 0.89 0.00	19.19 0.98 0.00	18.98 0.98 0.00	19.68 0.93 0.00	21.94 1.14 0.00	26.21 1.41 0.00	34.47 2.01 0.00	25.08 1.44 0.00	24.35 1.30 -0.25	26.17 1.49 0.00	30.80 1.80 0.00	36.76 2.16 0.00	41.92 2.54 0.00	45.37 2.81 0.00	164.63 8.44 -31.15	60.17 4.13 0.00	74.79 4.88 0.00	66.07 3.97 0.00	58.61 3.28 0.00	39.37 2.18 0.00	34.25 1.92 0.00	23.64 1.24 0.00	29.29 1.41 0.00
INDIAN POINT_GT_3 24019	19.39 1.08 0.00	16.68 0.89 0.00	19.19 0.98 0.00	18.98 0.98 0.00	19.68 0.93 0.00	21.94 1.14 0.00	26.21 1.41 0.00	34.47 2.01 0.00	25.08 1.44 0.00	24.35 1.30 -0.25	26.17 1.49 0.00	30.80 1.80 0.00	36.76 2.16 0.00	41.92 2.54 0.00	45.37 2.81 0.00	164.63 8.44 -31.15	60.17 4.13 0.00	74.79 4.88 0.00	66.07 3.97 0.00	58.61 3.28 0.00	39.37 2.18 0.00	34.25 1.92 0.00	23.64 1.24 0.00	29.29 1.41 0.00
INDIAN POINT___2 23530	19.37 1.07 0.00	16.67 0.88 0.00	19.17 0.97 0.00	18.97 0.96 0.00	19.67 0.92 0.00	21.93 1.12 0.00	26.19 1.39 0.00	34.45 1.99 0.00	25.06 1.42 0.00	24.24 1.28 -0.16	26.16 1.49 0.00	30.79 1.79 0.00	36.76 2.16 0.00	41.91 2.53 0.00	45.35 2.78 0.00	154.51 8.32 -21.15	60.10 4.06 0.00	74.68 4.77 0.00	65.97 3.87 0.00	58.53 3.20 0.00	39.31 2.13 0.00	34.20 1.87 0.00	23.61 1.21 0.00	29.26 1.39 0.00
INDIAN POINT___3 23531	19.37 1.06 0.00	16.67 0.88 0.00	19.16 0.96 0.00	18.96 0.96 0.00	19.66 0.91 0.00	21.92 1.11 0.00	26.18 1.38 0.00	34.43 1.97 0.00	25.05 1.41 0.00	24.39 1.27 -0.33	26.14 1.46 0.00	30.75 1.75 0.00	36.72 2.12 0.00	41.88 2.50 0.00	45.31 2.75 0.00	173.90 8.30 -40.56	60.07 4.03 0.00	74.65 4.75 0.00	65.95 3.85 0.00	58.50 3.16 0.00	39.30 2.11 0.00	34.19 1.86 0.00	23.60 1.20 0.00	29.25 1.37 0.00
INGHAM_C_115KV_TB7 356103	18.45 0.15 0.00	15.99 0.20 0.00	18.38 0.17 0.00	18.16 0.16 0.00	18.93 0.19 0.00	21.07 0.27 0.00	25.32 0.39 -0.12	32.99 0.53 0.00	23.78 0.13 0.00	22.84 0.04 0.00	24.84 0.16 0.00	29.13 0.13 0.00	34.64 0.04 0.00	39.52 0.14 0.00	43.08 0.52 0.00	127.56 2.52 0.00	57.02 0.98 0.00	70.90 0.99 0.00	62.83 0.74 0.00	55.60 0.27 0.00	37.60 0.42 0.00	32.80 0.47 0.00	22.48 0.08 0.00	27.80 -0.08 0.00
IP CORINTH___1 23988	19.03 0.73 0.00	16.42 0.63 0.00	18.92 0.72 0.00	18.76 0.75 0.00	19.52 0.77 0.00	21.78 0.97 0.00	26.00 1.20 0.00	34.08 1.62 0.00	24.66 1.02 0.00	23.73 0.86 -0.07	25.62 0.94 0.00	30.12 1.12 0.00	35.92 1.31 0.00	41.16 1.78 0.00	44.56 2.00 0.00	139.50 5.79 -8.67	58.88 2.83 0.00	73.62 3.71 0.00	65.36 3.27 0.00	57.83 2.50 0.00	38.89 1.70 0.00	33.75 1.42 0.00	23.25 0.85 0.00	28.74 0.86 0.00

IP___TICONDEROGA 23804	19.60 1.29 0.00	16.85 1.07 0.00	19.50 1.29 0.00	19.42 1.41 0.00	20.13 1.39 0.00	22.76 1.95 0.00	27.27 2.46 0.00	35.83 3.36 0.00	25.80 2.16 0.00	24.72 1.85 -0.07	26.62 1.94 0.00	31.23 2.23 0.00	37.55 2.94 0.00	43.19 3.81 0.00	46.84 4.28 0.00	145.74 11.99 -8.71	62.00 5.95 0.00	77.70 7.79 0.00	69.14 7.04 0.00	60.78 5.45 0.00	40.79 3.61 0.00	35.45 3.12 0.00	24.27 1.87 0.00	29.66 1.78 0.00
ISLIP_RES_REC 323679	20.02 1.72 0.00	17.33 1.55 0.00	19.85 1.64 0.00	19.67 1.66 0.00	20.17 1.43 0.00	22.20 1.39 0.00	26.35 1.54 0.00	34.66 2.20 0.00	25.27 1.63 0.00	24.30 1.27 -0.23	26.04 1.39 0.03	25.06 1.32 5.26	27.48 1.72 8.85	29.64 2.15 11.89	29.63 2.51 15.44	161.21 9.59 -26.58	63.74 4.81 -2.89	74.58 4.68 0.00	66.16 4.06 0.00	58.57 3.24 0.00	26.93 1.65 11.91	31.07 1.43 2.69	23.55 1.15 0.00	29.64 1.76 0.00
JAMAICA__27_KV_LOAD 355505	19.54 1.24 0.00	16.80 1.01 0.00	19.31 1.11 0.00	19.11 1.11 0.00	19.80 1.05 0.00	22.10 1.29 0.00	26.41 1.61 0.00	34.79 2.32 0.00	25.33 1.69 0.00	24.60 1.57 -0.23	26.70 2.02 0.00	31.16 2.16 0.00	37.21 2.60 0.00	42.35 2.97 0.00	45.88 3.31 0.00	164.47 9.43 -30.00	60.75 4.71 0.00	75.63 5.73 0.00	66.77 4.68 0.00	59.23 3.90 0.00	39.76 2.58 0.00	34.58 2.25 0.00	23.84 1.44 0.00	29.47 1.59 0.00
JANIS___SOLAR 323808	18.40 0.10 0.00	15.84 0.05 0.00	18.29 0.08 0.00	18.07 0.06 0.00	18.87 0.13 0.00	21.03 0.22 0.00	25.25 0.44 0.00	33.08 0.61 0.00	24.10 0.46 0.00	23.34 0.54 0.00	25.19 0.51 0.00	29.76 0.76 0.00	35.32 0.71 0.00	40.26 0.87 0.00	43.65 1.09 0.00	128.53 3.49 0.00	57.92 1.88 0.00	72.25 2.35 0.00	64.17 2.07 0.00	57.28 1.94 0.00	38.19 1.01 0.00	33.03 0.70 0.00	22.88 0.48 0.00	28.49 0.62 0.00
JARVIS____ 23743	18.34 0.04 0.00	15.83 0.05 0.00	18.24 0.04 0.00	18.05 0.05 0.00	18.80 0.06 0.00	20.86 0.05 0.00	25.00 0.08 -0.12	32.55 0.09 0.00	23.69 0.05 0.00	22.85 0.05 0.00	24.73 0.05 0.00	29.06 0.06 0.00	34.67 0.07 0.00	39.47 0.09 0.00	42.69 0.13 0.00	125.52 0.48 0.00	56.24 0.19 0.00	70.12 0.21 0.00	62.24 0.14 0.00	55.40 0.07 0.00	37.26 0.07 0.00	32.39 0.07 0.00	22.43 0.03 0.00	27.88 0.00 0.00
JENNISON___1 23625	18.47 0.17 0.00	15.90 0.12 0.00	18.35 0.15 0.00	17.99 -0.01 0.00	18.82 0.07 0.00	20.98 0.17 0.00	25.10 0.30 0.00	33.07 0.60 0.00	24.06 0.42 0.00	23.26 0.51 0.06	25.23 0.55 0.00	29.90 0.90 0.00	35.77 1.16 0.00	40.28 0.90 0.00	43.67 1.10 0.00	121.82 3.93 7.15	58.20 2.16 0.00	72.39 2.49 0.00	64.39 2.29 0.00	57.57 2.24 0.00	38.43 1.24 0.00	33.28 0.95 0.00	23.01 0.61 0.00	28.62 0.74 0.00
JENNISON___2 23626	18.47 0.17 0.00	15.90 0.12 0.00	18.35 0.15 0.00	17.99 -0.01 0.00	18.82 0.07 0.00	20.98 0.17 0.00	25.10 0.30 0.00	33.07 0.60 0.00	24.06 0.42 0.00	23.26 0.51 0.06	25.23 0.55 0.00	29.90 0.90 0.00	35.77 1.16 0.00	40.28 0.90 0.00	43.67 1.10 0.00	121.82 3.93 7.15	58.20 2.16 0.00	72.39 2.49 0.00	64.39 2.29 0.00	57.57 2.24 0.00	38.43 1.24 0.00	33.28 0.95 0.00	23.01 0.61 0.00	28.62 0.74 0.00
JERICHO_RISE_WT_PWR 323719	-8.69 -0.56 26.43	-6.88 -0.53 22.14	-9.22 -0.55 26.88	-9.22 -0.56 26.65	-9.26 -0.58 27.42	-9.40 -0.63 29.59	-9.41 -0.74 33.48	-10.14 -0.80 41.80	-9.57 -0.57 32.64	-9.51 -0.50 31.82	-9.64 -0.57 33.75	-9.91 -0.66 38.26	-9.99 -0.79 43.81	-11.61 -0.85 50.14	-23.80 -0.96 65.40	-25.08 -3.44 146.68	37.78 -1.33 16.93	68.94 -0.96 0.00	62.04 -0.06 0.00	56.11 0.77 0.00	37.94 0.76 0.00	32.98 0.65 0.00	22.89 0.49 0.00	28.54 0.67 0.00
KATONAH___115KV_46KV_TB4 355592	19.47 1.17 0.00	16.75 0.97 0.00	19.27 1.06 0.00	19.07 1.06 0.00	19.78 1.03 0.00	22.04 1.23 0.00	26.35 1.54 0.00	34.67 2.21 0.00	25.21 1.57 0.00	24.41 1.43 -0.18	26.30 1.62 0.00	30.91 1.91 0.00	36.92 2.31 0.00	42.11 2.73 0.00	45.60 3.04 0.00	156.71 9.27 -22.40	60.51 4.46 0.00	75.32 5.41 0.00	66.55 4.45 0.00	59.00 3.67 0.00	39.63 2.44 0.00	34.44 2.11 0.00	23.75 1.35 0.00	29.41 1.53 0.00
KCE_NY_1 323755	19.21 0.90 0.00	16.58 0.79 0.00	19.09 0.89 0.00	18.91 0.90 0.00	19.67 0.93 0.00	21.90 1.09 0.00	26.15 1.34 0.00	34.24 1.77 0.00	24.79 1.15 0.00	23.88 1.01 -0.07	25.78 1.10 0.00	30.33 1.33 0.00	36.19 1.58 0.00	41.38 2.00 0.00	44.81 2.25 0.00	140.59 6.79 -8.76	59.21 3.17 0.00	73.95 4.05 0.00	65.61 3.51 0.00	58.17 2.83 0.00	39.16 1.97 0.00	33.99 1.66 0.00	23.42 1.02 0.00	29.01 1.13 0.00
KCE_NY_6_ESR 323823	17.07 -1.23 0.00	14.70 -1.09 0.00	17.13 -1.07 0.00	16.94 -1.06 0.00	17.69 -1.05 0.00	19.70 -1.11 0.00	23.64 -1.17 0.00	30.46 -2.00 0.00	22.40 -1.24 0.00	21.87 -0.93 0.00	23.52 -1.16 0.00	27.57 -1.43 0.00	32.90 -1.71 0.00	37.06 -2.32 0.00	39.92 -2.64 0.00	116.66 -8.38 0.00	53.13 -2.91 0.00	66.28 -3.63 0.00	58.82 -3.28 0.00	52.56 -2.78 0.00	34.79 -2.40 0.00	30.26 -2.07 0.00	21.39 -1.01 0.00	27.14 -0.74 0.00
KEDC_PORT_JEFF_GT2 24210	19.93 1.63 0.00	17.25 1.47 0.00	19.75 1.55 0.00	19.58 1.57 0.00	20.08 1.33 0.00	22.08 1.27 0.00	26.20 1.39 0.00	34.46 2.00 0.00	25.13 1.49 0.00	24.17 1.14 -0.23	25.88 1.23 0.03	24.81 1.11 5.30	27.19 1.46 8.88	29.31 1.86 11.93	29.20 2.13 15.49	159.71 8.11 -26.56	62.99 4.08 -2.87	73.67 3.77 0.00	65.38 3.28 0.00	57.88 2.55 0.00	26.45 1.22 11.95	30.72 1.09 2.70	23.35 0.95 0.00	29.42 1.54 0.00
KEDC_PORT_JEFF_GT3 24211	19.93 1.63 0.00	17.25 1.47 0.00	19.75 1.55 0.00	19.58 1.57 0.00	20.08 1.33 0.00	22.08 1.27 0.00	26.20 1.39 0.00	34.46 2.00 0.00	25.13 1.49 0.00	24.17 1.14 -0.23	25.88 1.23 0.03	24.81 1.11 5.30	27.19 1.46 8.88	29.31 1.86 11.93	29.20 2.13 15.49	159.71 8.11 -26.56	62.99 4.08 -2.87	73.67 3.77 0.00	65.38 3.28 0.00	57.88 2.55 0.00	26.45 1.22 11.95	30.72 1.09 2.70	23.35 0.95 0.00	29.42 1.54 0.00
KEDC_GLWD_GT4 24219	19.69 1.38 0.00	16.97 1.19 0.00	19.48 1.28 0.00	19.28 1.28 0.00	19.92 1.17 0.00	22.10 1.29 0.00	26.34 1.53 0.00	34.66 2.20 0.00	25.26 1.61 0.00	24.45 1.42 -0.23	26.23 1.56 0.01	29.08 1.84 1.76	32.39 2.26 4.48	35.96 2.69 6.11	37.55 2.97 7.98	163.14 9.98 -28.12	65.91 4.96 -4.90	75.55 5.65 0.00	66.92 4.82 0.00	59.29 3.96 0.00	33.39 2.29 6.09	32.85 1.92 1.39	23.71 1.31 0.00	29.53 1.65 0.00
KEDC_GLWD_GT5 24220	19.69 1.38 0.00	16.97 1.19 0.00	19.48 1.28 0.00	19.28 1.28 0.00	19.92 1.17 0.00	22.10 1.29 0.00	26.34 1.53 0.00	34.66 2.20 0.00	25.26 1.61 0.00	24.45 1.42 -0.23	26.23 1.56 0.01	29.08 1.84 1.76	32.39 2.26 4.48	35.96 2.69 6.11	37.55 2.97 7.98	163.14 9.98 -28.12	65.91 4.96 -4.90	75.55 5.65 0.00	66.92 4.82 0.00	59.29 3.96 0.00	33.39 2.29 6.09	32.85 1.92 1.39	23.71 1.31 0.00	29.53 1.65 0.00

KENSICO____ 23655	19.43 1.13 0.00	16.73 0.94 0.00	19.24 1.04 0.00	19.04 1.04 0.00	19.73 0.98 0.00	21.99 1.18 0.00	26.28 1.48 0.00	34.58 2.12 0.00	25.17 1.53 0.00	24.42 1.38 -0.23	26.27 1.59 0.00	30.89 1.89 0.00	36.88 2.28 0.00	42.03 2.65 0.00	45.49 2.93 0.00	164.56 8.88 -30.64	60.33 4.28 0.00	74.99 5.08 0.00	66.24 4.14 0.00	58.75 3.42 0.00	39.46 2.27 0.00	34.33 2.00 0.00	23.69 1.29 0.00	29.35 1.47 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.47 1.16 0.00	16.74 0.96 0.00	19.26 1.06 0.00	19.05 1.04 0.00	19.77 1.02 0.00	22.05 1.24 0.00	26.37 1.56 0.00	34.67 2.21 0.00	25.18 1.54 0.00	23.95 1.35 0.20	26.18 1.50 0.00	30.82 1.82 0.00	36.83 2.23 0.00	41.93 2.55 0.00	45.41 2.84 0.00	108.91 9.17 25.29	60.62 4.57 0.00	75.50 5.60 0.00	66.72 4.63 0.00	59.22 3.89 0.00	39.73 2.55 0.00	34.52 2.19 0.00	23.84 1.43 0.00	29.51 1.63 0.00
KIAC_JFK_GT1 23816	19.44 1.14 0.00	16.71 0.93 0.00	19.22 1.02 0.00	19.02 1.01 0.00	19.70 0.95 0.00	21.97 1.16 0.00	26.17 1.37 0.00	34.48 2.01 0.00	25.10 1.46 0.00	24.38 1.35 -0.23	26.48 1.80 0.00	30.91 1.91 0.00	36.90 2.29 0.00	41.96 2.58 0.00	45.45 2.88 0.00	163.14 8.10 -30.00	60.18 4.14 0.00	74.90 5.00 0.00	66.12 4.02 0.00	58.67 3.33 0.00	39.39 2.21 0.00	34.35 2.02 0.00	23.70 1.30 0.00	29.31 1.43 0.00
KIAC_JFK_GT2 23817	19.44 1.14 0.00	16.71 0.93 0.00	19.22 1.02 0.00	19.02 1.01 0.00	19.70 0.95 0.00	21.97 1.16 0.00	26.17 1.37 0.00	34.48 2.01 0.00	25.10 1.46 0.00	24.38 1.35 -0.23	26.48 1.80 0.00	30.91 1.91 0.00	36.90 2.29 0.00	41.96 2.58 0.00	45.45 2.88 0.00	163.14 8.10 -30.00	60.18 4.14 0.00	74.90 5.00 0.00	66.12 4.02 0.00	58.67 3.33 0.00	39.39 2.21 0.00	34.35 2.02 0.00	23.70 1.30 0.00	29.31 1.43 0.00
KIAC_JFK____ 323774	19.44 1.14 0.00	16.72 0.93 0.00	19.22 1.02 0.00	19.01 1.01 0.00	19.70 0.96 0.00	21.96 1.16 0.00	26.17 1.36 0.00	34.48 2.02 0.00	25.10 1.46 0.00	24.38 1.35 -0.23	26.49 1.81 0.00	30.91 1.91 0.00	36.91 2.30 0.00	41.97 2.58 0.00	45.45 2.89 0.00	163.22 8.18 -30.00	60.18 4.14 0.00	74.91 5.00 0.00	66.12 4.02 0.00	58.67 3.33 0.00	39.39 2.21 0.00	34.35 2.02 0.00	23.70 1.30 0.00	29.31 1.43 0.00
KINTIGH____ 23543	16.97 -1.33 0.00	14.62 -1.17 0.00	17.02 -1.19 0.00	16.84 -1.16 0.00	17.56 -1.19 0.00	19.52 -1.29 0.00	23.34 -1.46 0.00	30.08 -2.38 0.00	22.12 -1.52 0.00	21.59 -1.21 0.00	23.20 -1.48 0.00	27.17 -1.83 0.00	32.38 -2.23 0.00	36.49 -2.89 0.00	39.24 -3.32 0.00	114.48 -10.56 0.00	51.81 -4.24 0.00	64.78 -5.12 0.00	57.40 -4.70 0.00	51.18 -4.15 0.00	34.00 -3.19 0.00	29.56 -2.78 0.00	20.88 -1.52 0.00	26.44 -1.44 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.54 -0.61 25.23	-5.96 -0.61 21.13	-8.06 -0.60 25.66	-8.05 -0.61 25.45	-8.08 -0.65 26.18	-8.04 -0.61 28.25	-8.04 -0.73 32.12	-8.29 -0.85 39.91	-8.14 -0.62 31.16	-8.12 -0.55 30.37	-8.12 -0.57 32.23	-8.22 -0.70 36.52	-7.94 -0.73 41.82	-9.23 -0.75 47.87	-20.68 -0.81 62.44	-18.35 -3.36 140.04	38.70 -1.18 16.17	69.29 -0.62 0.00	62.42 0.33 0.00	56.63 1.30 0.00	38.57 1.38 0.00	33.51 1.18 0.00	23.21 0.81 0.00	28.88 1.00 0.00
LACHUTE__HYDRO 323717	19.60 1.29 0.00	16.85 1.07 0.00	19.50 1.29 0.00	19.42 1.42 0.00	20.13 1.39 0.00	22.76 1.95 0.00	27.26 2.46 0.00	35.83 3.36 0.00	25.80 2.16 0.00	24.72 1.85 -0.07	26.62 1.94 0.00	31.23 2.23 0.00	37.55 2.94 0.00	43.19 3.81 0.00	46.84 4.28 0.00	145.74 11.99 -8.71	62.00 5.96 0.00	77.70 7.79 0.00	69.14 7.04 0.00	60.78 5.44 0.00	40.80 3.61 0.00	35.45 3.12 0.00	24.27 1.87 0.00	29.66 1.78 0.00
LAWRNCALV_115KV_TB1 80681	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.78 0.03 -16.00	38.31 0.23 -17.27	42.87 0.51 -17.56	57.65 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.05 0.68 -19.70	52.07 0.75 -22.32	60.58 0.42 -25.56	69.09 0.45 -29.26	81.35 0.63 -38.16	213.48 2.86 -85.59	68.11 2.18 -9.88	73.66 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.65 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
LEDERLE____ 23769	19.43 1.13 0.00	16.71 0.93 0.00	19.23 1.02 0.00	19.02 1.02 0.00	19.73 0.98 0.00	22.01 1.20 0.00	26.29 1.49 0.00	34.57 2.11 0.00	25.16 1.52 0.00	23.13 1.37 1.04	26.26 1.59 0.00	30.93 1.93 0.00	36.93 2.33 0.00	42.12 2.74 0.00	45.58 3.02 0.00	2.25 8.96 131.75	60.40 4.36 0.00	75.00 5.09 0.00	66.24 4.15 0.00	58.77 3.44 0.00	39.47 2.28 0.00	34.33 2.00 0.00	23.71 1.30 0.00	29.38 1.50 0.00
LIGHTRSE_115KV_TB6 355974	19.40 -0.55 -1.64	16.67 -0.49 -1.38	19.32 -0.56 -1.67	19.13 -0.54 -1.66	19.87 -0.58 -1.71	22.06 -0.59 -1.84	26.06 -0.64 -1.90	34.14 -0.93 -2.60	25.04 -0.64 -2.03	24.22 -0.56 -1.98	26.22 -0.56 -2.10	30.83 -0.56 -2.38	36.50 -0.83 -2.73	41.45 -1.05 -3.12	45.47 -1.17 -4.07	131.44 -2.73 -9.13	56.12 -0.98 -1.06	68.74 -1.17 0.00	60.98 -1.12 0.00	54.41 -0.93 0.00	36.54 -0.65 0.00	31.86 -0.47 0.00	22.13 -0.27 0.00	27.56 -0.32 0.00
LINDEN COGEN____ 23786	19.53 1.23 0.00	16.79 1.01 0.00	19.34 1.14 0.00	19.14 1.14 0.00	19.82 1.07 0.00	22.12 1.31 0.00	26.44 1.64 0.00	34.80 2.34 0.00	25.32 1.68 0.00	24.58 1.55 -0.23	26.50 1.82 0.00	31.16 2.16 0.00	37.17 2.56 0.00	42.32 2.94 0.00	45.76 3.20 0.00	164.18 9.40 -29.74	60.61 4.57 0.00	75.27 5.36 0.00	66.37 4.28 0.00	58.91 3.58 0.00	39.60 2.41 0.00	34.49 2.16 0.00	23.80 1.40 0.00	29.48 1.60 0.00
LINDHRST_69_KV_BK1 356055	19.96 1.66 0.00	17.27 1.48 0.00	19.77 1.57 0.00	19.58 1.58 0.00	20.12 1.37 0.00	22.20 1.39 0.00	26.34 1.53 0.00	34.63 2.17 0.00	25.26 1.62 0.00	24.32 1.29 -0.23	26.08 1.42 0.02	25.87 1.44 4.57	28.12 1.83 8.31	30.38 2.20 11.21	30.52 2.54 14.57	161.57 9.79 -26.75	64.23 4.99 -3.20	75.04 5.13 0.00	66.70 4.61 0.00	59.07 3.73 0.00	27.90 1.93 11.22	31.38 1.59 2.54	23.64 1.24 0.00	29.67 1.79 0.00
LIPA_MISC_IPP 23656	19.86 1.56 0.00	17.20 1.42 0.00	19.70 1.49 0.00	19.52 1.52 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.12 1.32 0.00	34.35 1.89 0.00	25.03 1.39 0.00	24.04 1.01 -0.23	25.74 1.09 0.03	24.66 0.97 5.32	27.02 1.32 8.90	29.14 1.71 11.95	29.07 2.03 15.52	159.90 8.30 -26.56	63.12 4.22 -2.86	73.53 3.62 0.00	65.10 3.00 0.00	57.79 2.45 0.00	26.39 1.18 11.98	30.79 1.16 2.70	23.35 0.95 0.00	29.40 1.52 0.00
LISF__SOLAR 323691	19.89 1.59 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.54 1.54 0.00	20.05 1.31 0.00	22.04 1.23 0.00	26.17 1.37 0.00	34.41 1.95 0.00	25.06 1.42 0.00	24.07 1.04 -0.23	25.76 1.12 0.03	24.66 0.97 5.31	27.05 1.33 8.89	29.17 1.74 11.95	29.13 2.08 15.51	160.07 8.47 -26.56	63.22 4.31 -2.87	73.66 3.76 0.00	65.22 3.12 0.00	57.87 2.54 0.00	26.47 1.25 11.97	30.85 1.22 2.70	23.39 0.99 0.00	29.44 1.56 0.00

LITTLE FALLS___HYD 24013	18.45 0.15 0.00	15.99 0.20 0.00	18.38 0.17 0.00	18.16 0.16 0.00	18.93 0.19 0.00	21.07 0.27 0.00	25.32 0.39 -0.12	32.99 0.53 0.00	23.78 0.13 0.00	22.84 0.04 0.00	24.84 0.16 0.00	29.13 0.13 0.00	34.64 0.04 0.00	39.52 0.14 0.00	43.08 0.52 0.00	127.56 2.52 0.00	57.02 0.98 0.00	70.90 0.99 0.00	62.83 0.74 0.00	55.60 0.27 0.00	37.60 0.42 0.00	32.80 0.47 0.00	22.48 0.08 0.00	27.80 -0.08 0.00
LITTLRIV_115KV_TB1 356100	34.12 0.40 -15.42	28.99 0.29 -12.92	34.31 0.43 -15.69	33.92 0.36 -15.55	35.14 0.40 -16.00	38.75 0.67 -17.27	43.46 1.09 -17.56	58.43 1.58 -24.39	43.84 1.15 -19.04	42.33 0.96 -18.56	45.58 1.20 -19.70	52.60 1.28 -22.32	61.08 0.91 -25.56	69.68 1.04 -29.26	82.06 1.34 -38.16	215.70 5.07 -85.59	69.35 3.43 -9.88	75.44 5.54 0.00	67.40 5.30 0.00	60.71 5.38 0.00	40.72 3.53 0.00	35.21 2.88 0.00	24.36 1.96 0.00	30.35 2.47 0.00
LI_NEWBRDGE___DRP 323616	19.65 1.35 0.00	16.98 1.20 0.00	19.47 1.26 0.00	19.27 1.27 0.00	19.84 1.09 0.00	21.92 1.11 0.00	26.02 1.22 0.00	34.23 1.77 0.00	24.97 1.33 0.00	24.10 1.07 -0.23	25.87 1.22 0.03	24.46 1.29 5.83	26.91 1.63 9.32	28.87 1.98 12.49	28.56 2.20 16.21	160.20 8.84 -26.32	63.33 4.66 -2.63	74.84 4.93 0.00	66.49 4.39 0.00	58.88 3.54 0.00	26.32 1.66 12.52	30.80 1.29 2.82	23.37 0.97 0.00	29.27 1.39 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.84 -1.46 0.00	14.49 -1.29 0.00	16.91 -1.30 0.00	16.72 -1.29 0.00	17.45 -1.30 0.00	19.41 -1.40 0.00	23.25 -1.55 0.00	29.87 -2.60 0.00	22.03 -1.61 0.00	21.53 -1.27 0.00	23.08 -1.60 0.00	26.96 -2.04 0.00	32.11 -2.50 0.00	36.12 -3.26 0.00	38.86 -3.71 0.00	113.22 -11.82 0.00	51.51 -4.53 0.00	64.54 -5.37 0.00	57.16 -4.94 0.00	51.01 -4.33 0.00	33.82 -3.36 0.00	29.40 -2.93 0.00	20.89 -1.51 0.00	26.53 -1.35 0.00
LOCKPORT___CC1 323769	16.82 -1.48 0.00	14.49 -1.30 0.00	16.90 -1.31 0.00	16.71 -1.29 0.00	17.44 -1.31 0.00	19.40 -1.41 0.00	23.24 -1.56 0.00	29.84 -2.62 0.00	22.01 -1.63 0.00	21.49 -1.31 0.00	23.04 -1.64 0.00	26.94 -2.06 0.00	32.08 -2.53 0.00	36.09 -3.30 0.00	38.83 -3.73 0.00	113.17 -11.87 0.00	51.49 -4.55 0.00	64.47 -5.43 0.00	57.14 -4.96 0.00	50.97 -4.36 0.00	33.79 -3.39 0.00	29.39 -2.94 0.00	20.88 -1.52 0.00	26.53 -1.35 0.00
LOCKPORT___CC2 323770	16.82 -1.48 0.00	14.49 -1.30 0.00	16.90 -1.31 0.00	16.71 -1.29 0.00	17.44 -1.31 0.00	19.40 -1.41 0.00	23.24 -1.56 0.00	29.84 -2.62 0.00	22.01 -1.63 0.00	21.49 -1.31 0.00	23.04 -1.64 0.00	26.94 -2.06 0.00	32.08 -2.53 0.00	36.09 -3.30 0.00	38.83 -3.73 0.00	113.17 -11.87 0.00	51.49 -4.55 0.00	64.47 -5.43 0.00	57.14 -4.96 0.00	50.97 -4.36 0.00	33.79 -3.39 0.00	29.39 -2.94 0.00	20.88 -1.52 0.00	26.53 -1.35 0.00
LOCKPORT___CC3 323771	16.82 -1.48 0.00	14.49 -1.30 0.00	16.90 -1.31 0.00	16.71 -1.29 0.00	17.44 -1.31 0.00	19.40 -1.41 0.00	23.24 -1.56 0.00	29.84 -2.62 0.00	22.01 -1.63 0.00	21.49 -1.31 0.00	23.04 -1.64 0.00	26.94 -2.06 0.00	32.08 -2.53 0.00	36.09 -3.30 0.00	38.83 -3.73 0.00	113.17 -11.87 0.00	51.49 -4.55 0.00	64.47 -5.43 0.00	57.14 -4.96 0.00	50.97 -4.36 0.00	33.79 -3.39 0.00	29.39 -2.94 0.00	20.88 -1.52 0.00	26.53 -1.35 0.00
LONG_LAKE_PHOENIX 24014	17.82 -0.48 0.00	15.36 -0.43 0.00	17.73 -0.48 0.00	17.53 -0.47 0.00	18.26 -0.49 0.00	20.27 -0.54 0.00	24.18 -0.62 0.00	31.52 -0.94 0.00	22.99 -0.65 0.00	22.21 -0.60 0.00	24.03 -0.65 0.00	28.24 -0.76 0.00	33.67 -0.93 0.00	38.23 -1.15 0.00	41.30 -1.27 0.00	121.38 -3.66 0.00	54.51 -1.53 0.00	68.01 -1.90 0.00	60.36 -1.74 0.00	53.72 -1.62 0.00	36.03 -1.16 0.00	31.30 -1.03 0.00	21.73 -0.67 0.00	27.07 -0.81 0.00
LOVETT___3 23632	19.35 1.05 0.00	16.65 0.86 0.00	19.14 0.94 0.00	18.94 0.94 0.00	19.64 0.90 0.00	21.90 1.09 0.00	26.16 1.35 0.00	34.40 1.93 0.00	25.03 1.39 0.00	22.71 1.24 1.33	26.12 1.44 0.00	30.74 1.74 0.00	36.71 2.10 0.00	41.85 2.47 0.00	45.28 2.72 0.00	-35.19 8.09 168.32	60.00 3.96 0.00	74.49 4.58 0.00	65.80 3.70 0.00	58.37 3.04 0.00	39.21 2.03 0.00	34.12 1.79 0.00	23.57 1.17 0.00	29.21 1.34 0.00
LOVETT___4 23642	19.35 1.05 0.00	16.65 0.86 0.00	19.14 0.94 0.00	18.94 0.94 0.00	19.64 0.90 0.00	21.90 1.09 0.00	26.16 1.35 0.00	34.40 1.93 0.00	25.03 1.39 0.00	22.71 1.24 1.33	26.12 1.44 0.00	30.74 1.74 0.00	36.71 2.10 0.00	41.85 2.47 0.00	45.28 2.72 0.00	-35.19 8.09 168.32	60.00 3.96 0.00	74.49 4.58 0.00	65.80 3.70 0.00	58.37 3.04 0.00	39.21 2.03 0.00	34.12 1.79 0.00	23.57 1.17 0.00	29.21 1.34 0.00
LOVETT___5 23593	19.35 1.05 0.00	16.65 0.86 0.00	19.14 0.94 0.00	18.94 0.94 0.00	19.64 0.90 0.00	21.90 1.09 0.00	26.16 1.35 0.00	34.40 1.93 0.00	25.03 1.39 0.00	22.71 1.24 1.33	26.12 1.44 0.00	30.74 1.74 0.00	36.71 2.10 0.00	41.85 2.47 0.00	45.28 2.72 0.00	-35.19 8.09 168.32	60.00 3.96 0.00	74.49 4.58 0.00	65.80 3.70 0.00	58.37 3.04 0.00	39.21 2.03 0.00	34.12 1.79 0.00	23.57 1.17 0.00	29.21 1.34 0.00
LOWER RAQUET___HYD 24057	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.77 0.03 -16.00	38.31 0.23 -17.27	42.86 0.50 -17.56	57.64 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.04 0.67 -19.70	52.07 0.74 -22.32	60.58 0.41 -25.56	69.09 0.45 -29.26	81.34 0.62 -38.16	213.48 2.85 -85.59	68.11 2.18 -9.88	73.65 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.64 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
LOWER___HUDSON 24059	19.07 0.77 0.00	16.47 0.68 0.00	18.97 0.76 0.00	18.77 0.78 0.00	19.53 0.78 0.00	21.72 0.91 0.00	25.88 1.08 0.00	33.91 1.45 0.00	24.60 0.96 0.00	23.70 0.82 -0.07	25.53 0.85 0.00	29.95 0.94 0.00	35.76 1.15 0.00	40.93 1.55 0.00	44.32 1.76 0.00	139.85 5.52 -9.30	58.47 2.42 0.00	72.99 3.09 0.00	64.78 2.68 0.00	57.43 2.10 0.00	38.77 1.58 0.00	33.68 1.35 0.00	23.19 0.78 0.00	28.73 0.85 0.00
LOWVILLE_115KV_TB2 356335	22.16 -0.54 -4.40	18.98 -0.49 -3.68	22.13 -0.55 -4.47	21.91 -0.53 -4.43	22.78 -0.53 -4.56	25.31 -0.42 -4.92	29.51 -0.37 -5.08	38.93 -0.48 -6.96	28.75 -0.32 -5.43	27.85 -0.25 -5.29	30.23 -0.06 -5.62	35.50 0.13 -6.37	41.79 -0.10 -7.29	47.41 -0.31 -8.34	53.19 -0.26 -10.88	150.70 1.25 -24.41	59.83 0.96 -2.82	71.21 1.30 0.00	63.30 1.21 0.00	56.81 1.47 0.00	38.18 0.99 0.00	33.26 0.93 0.00	23.12 0.73 0.00	28.81 0.93 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.19 0.89 0.00	16.56 0.78 0.00	19.08 0.88 0.00	18.90 0.89 0.00	19.67 0.92 0.00	21.89 1.08 0.00	26.13 1.33 0.00	34.21 1.75 0.00	24.78 1.14 0.00	23.87 1.00 -0.07	25.77 1.09 0.00	30.31 1.31 0.00	36.17 1.56 0.00	41.36 1.98 0.00	44.79 2.23 0.00	140.48 6.68 -8.76	59.17 3.13 0.00	73.91 4.01 0.00	65.56 3.46 0.00	58.12 2.78 0.00	39.13 1.94 0.00	33.97 1.64 0.00	23.41 1.01 0.00	28.99 1.11 0.00

LUTHERNY_35_KV_BK2 355980	19.20 0.90 0.00	16.58 0.79 0.00	19.09 0.89 0.00	18.91 0.90 0.00	19.67 0.93 0.00	21.90 1.09 0.00	26.15 1.34 0.00	34.24 1.77 0.00	24.79 1.15 0.00	23.88 1.01 -0.07	25.77 1.09 0.00	30.32 1.32 0.00	36.19 1.58 0.00	41.38 2.00 0.00	44.82 2.25 0.00	140.60 6.80 -8.76	59.21 3.17 0.00	73.95 4.05 0.00	65.61 3.52 0.00	58.17 2.84 0.00	39.16 1.97 0.00	34.00 1.67 0.00	23.42 1.02 0.00	29.01 1.13 0.00
LWR___OSWEGATCHIE_HYD 23850	28.49 -0.28 -10.47	24.28 -0.27 -8.77	28.58 -0.27 -10.64	28.27 -0.29 -10.56	29.31 -0.30 -10.86	32.39 -0.14 -11.72	36.78 0.03 -11.94	49.12 0.11 -16.55	36.67 0.10 -12.92	35.48 0.08 -12.60	38.30 0.26 -13.37	44.52 0.37 -15.15	52.01 0.06 -17.35	59.20 -0.04 -19.86	68.52 0.06 -25.90	184.86 1.73 -58.08	64.21 1.47 -6.70	72.35 2.44 0.00	64.50 2.41 0.00	57.99 2.66 0.00	38.97 1.78 0.00	33.85 1.52 0.00	23.49 1.09 0.00	29.27 1.39 0.00
LYONS_FALL_HYD 23570	21.00 -0.22 -2.91	18.03 -0.20 -2.44	20.94 -0.23 -2.96	20.73 -0.21 -2.94	21.58 -0.19 -3.02	23.98 -0.09 -3.26	28.21 0.00 -3.40	37.06 -0.01 -4.61	27.26 0.03 -3.60	26.38 0.07 -3.51	28.62 0.22 -3.72	33.60 0.38 -4.22	39.72 0.28 -4.83	45.12 0.21 -5.53	50.08 0.31 -7.21	143.33 2.12 -16.17	59.12 1.21 -1.87	71.45 1.55 0.00	63.45 1.35 0.00	56.77 1.44 0.00	38.13 0.94 0.00	33.16 0.83 0.00	23.02 0.62 0.00	28.66 0.78 0.00
MADISON___COUNTY_LFGE 323628	19.39 0.21 -0.88	16.70 0.17 -0.74	19.29 0.20 -0.89	19.11 0.21 -0.89	19.96 0.30 -0.91	22.20 0.40 -0.98	26.43 0.58 -1.05	34.59 0.74 -1.39	25.30 0.58 -1.09	24.46 0.60 -1.06	26.52 0.72 -1.12	31.12 0.85 -1.27	37.02 0.96 -1.46	42.14 1.09 -1.67	45.96 1.23 -2.18	133.71 3.79 -4.88	58.34 1.73 -0.56	71.83 1.93 0.00	63.66 1.56 0.00	56.71 1.38 0.00	38.02 0.83 0.00	33.00 0.67 0.00	22.86 0.46 0.00	28.43 0.55 0.00
MALONE___115KV_TB1 356076	46.05 -0.24 -27.99	38.96 -0.26 -23.44	46.43 -0.24 -28.46	45.96 -0.27 -28.22	47.51 -0.27 -29.03	51.92 -0.22 -31.33	56.44 -0.17 -31.81	76.70 -0.02 -44.26	58.21 0.01 -34.56	56.53 0.04 -33.69	60.48 0.05 -35.74	69.58 0.06 -40.51	80.88 -0.11 -46.38	92.39 -0.08 -53.09	111.71 -0.09 -69.24	279.71 -0.63 -155.30	74.15 0.18 -17.93	71.00 1.09 0.00	63.76 1.67 0.00	57.60 2.26 0.00	38.83 1.65 0.00	33.70 1.37 0.00	23.37 0.97 0.00	29.13 1.25 0.00
MAPLEWOD_115KV_TB3 80458	18.99 0.68 0.00	16.41 0.63 0.00	18.88 0.68 0.00	18.67 0.67 0.00	19.44 0.69 0.00	21.61 0.80 0.00	25.77 0.97 0.00	33.77 1.30 0.00	24.51 0.87 0.00	23.63 0.76 -0.07	25.47 0.79 0.00	29.95 0.95 0.00	35.74 1.13 0.00	40.84 1.46 0.00	44.23 1.66 0.00	139.44 5.19 -9.21	58.39 2.35 0.00	72.88 2.97 0.00	64.65 2.56 0.00	57.33 2.00 0.00	38.64 1.46 0.00	33.55 1.22 0.00	23.04 0.63 0.00	28.52 0.65 0.00
MAPLE_RIDGE_WT_1 323574	-39.00 -0.68 56.62	-39.00 -0.59 54.19	-39.00 -0.67 56.53	-39.00 -0.68 56.33	-39.00 -0.70 57.04	-39.00 -0.78 59.03	-39.00 -0.96 62.85	-39.00 -1.18 70.28	-39.00 -0.86 61.78	-24.11 -0.80 46.11	22.84 -0.77 1.07	26.94 -0.85 1.21	32.32 -0.90 1.39	36.75 -1.04 1.59	39.41 -1.08 2.07	118.17 -2.22 4.64	54.41 -1.09 0.54	68.63 -1.27 0.00	61.19 -0.90 0.00	54.76 -0.57 0.00	36.85 -0.33 0.00	32.04 -0.29 0.00	22.34 -0.07 0.00	27.92 0.05 0.00
MAPLE_RIDGE_WT_2 323611	-39.00 -0.68 56.62	-39.00 -0.59 54.19	-39.00 -0.67 56.53	-39.00 -0.68 56.33	-39.00 -0.70 57.04	-39.00 -0.78 59.03	-39.00 -0.96 62.85	-39.00 -1.18 70.28	-39.00 -0.86 61.78	-24.11 -0.80 46.11	22.84 -0.77 1.07	26.94 -0.85 1.21	32.32 -0.90 1.39	36.75 -1.04 1.59	39.41 -1.08 2.07	118.17 -2.22 4.64	54.41 -1.09 0.54	68.63 -1.27 0.00	61.19 -0.90 0.00	54.76 -0.57 0.00	36.85 -0.33 0.00	32.04 -0.29 0.00	22.34 -0.07 0.00	27.92 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	-7.82 -1.11 25.01	-6.23 -1.07 20.94	-8.34 -1.10 25.43	-8.32 -1.11 25.22	-8.40 -1.20 25.94	-8.39 -1.21 28.00	-8.55 -1.49 31.87	-8.96 -1.87 39.55	-8.60 -1.36 30.88	-8.56 -1.25 30.10	-8.57 -1.31 31.94	-8.78 -1.58 36.20	-8.49 -1.64 41.45	-9.76 -1.70 47.45	-21.00 -1.68 61.88	-19.72 -5.97 138.79	37.88 -2.14 16.02	68.29 -1.61 0.00	61.71 -0.39 0.00	56.14 0.80 0.00	38.41 1.22 0.00	33.40 1.07 0.00	23.13 0.72 0.00	28.74 0.87 0.00
MARSHVLE_115KV_TB1 80742	19.00 0.70 0.00	16.37 0.58 0.00	18.91 0.71 0.00	18.70 0.70 0.00	19.52 0.77 0.00	21.71 0.90 0.00	25.98 1.18 0.00	33.90 1.44 0.00	24.54 0.90 0.00	23.84 0.98 -0.06	25.84 1.16 0.00	30.37 1.37 0.00	36.21 1.60 0.00	40.94 1.55 0.00	44.52 1.96 0.00	137.45 5.26 -7.16	58.76 2.72 0.00	73.33 3.43 0.00	65.06 2.96 0.00	58.03 2.69 0.00	38.90 1.72 0.00	33.88 1.55 0.00	23.59 1.19 0.00	29.42 1.54 0.00
MARSH_HILL_WT_PWR 323713	16.26 -2.05 0.00	13.97 -1.82 0.00	16.27 -1.93 0.00	16.05 -1.96 0.00	16.75 -2.00 0.00	18.70 -2.11 0.00	22.73 -2.07 0.00	29.93 -2.53 0.00	21.57 -2.07 0.00	20.77 -2.03 0.00	22.61 -2.07 0.00	26.56 -2.44 0.00	31.90 -2.70 0.00	36.28 -3.10 0.00	40.17 -2.39 0.00	119.13 -5.91 0.00	54.10 -1.94 0.00	67.17 -2.73 0.00	59.58 -2.51 0.00	53.42 -1.91 0.00	35.51 -1.68 0.00	30.56 -1.77 0.00	21.28 -1.12 0.00	26.73 -1.15 0.00
MCINTYRE_115KV_TB2 80467	34.40 0.67 -15.42	29.23 0.52 -12.92	34.59 0.71 -15.69	34.20 0.64 -15.55	35.44 0.69 -16.00	39.10 1.03 -17.27	43.93 1.56 -17.56	59.05 2.20 -24.39	44.27 1.58 -19.04	42.67 1.30 -18.56	45.97 1.59 -19.70	52.96 1.63 -22.32	61.40 1.23 -25.56	70.11 1.47 -29.26	82.56 1.83 -38.16	217.30 6.68 -85.59	70.30 4.37 -9.88	76.87 6.96 0.00	68.63 6.53 0.00	61.82 6.49 0.00	41.41 4.23 0.00	35.77 3.44 0.00	24.72 2.32 0.00	30.78 2.90 0.00
MECO_____69_KV_BK1 80468	19.27 0.97 0.00	16.61 0.82 0.00	19.16 0.96 0.00	18.95 0.95 0.00	19.77 1.03 0.00	22.01 1.20 0.00	26.37 1.57 0.00	34.46 2.00 0.00	24.82 1.18 0.00	24.05 1.19 -0.06	26.01 1.33 0.00	30.67 1.67 0.00	36.56 1.95 0.00	41.43 2.05 0.00	45.19 2.63 0.00	140.03 7.37 -7.62	59.81 3.77 0.00	74.80 4.89 0.00	66.32 4.22 0.00	59.01 3.67 0.00	39.56 2.37 0.00	34.36 2.02 0.00	23.80 1.39 0.00	29.58 1.70 0.00
MENANDS___115KV_TB5 355628	18.91 0.61 0.00	16.35 0.57 0.00	18.81 0.61 0.00	18.60 0.59 0.00	19.36 0.61 0.00	21.52 0.70 0.00	25.65 0.85 0.00	33.61 1.15 0.00	24.41 0.77 0.00	23.54 0.66 -0.07	25.37 0.69 0.00	29.79 0.79 0.00	35.55 0.94 0.00	40.65 1.26 0.00	44.02 1.45 0.00	138.84 4.56 -9.23	58.08 2.03 0.00	72.49 2.59 0.00	64.29 2.19 0.00	57.01 1.67 0.00	38.45 1.26 0.00	33.39 1.06 0.00	22.90 0.50 0.00	28.36 0.48 0.00
MG INDUSTRY___DRP 24185	18.87 0.57 0.00	16.33 0.54 0.00	18.79 0.58 0.00	18.58 0.58 0.00	19.36 0.61 0.00	21.47 0.66 0.00	25.60 0.79 0.00	33.48 1.01 0.00	24.23 0.59 0.00	23.32 0.46 -0.06	25.17 0.49 0.00	29.66 0.65 0.00	35.35 0.75 0.00	40.34 0.96 0.00	43.78 1.21 0.00	136.40 3.90 -7.46	57.82 1.77 0.00	72.17 2.27 0.00	64.02 1.92 0.00	56.85 1.51 0.00	38.31 1.12 0.00	33.28 0.95 0.00	22.88 0.48 0.00	28.38 0.50 0.00

MID___OSWEGATCHIE_HYD 23849	28.49 -0.28 -10.47	24.28 -0.27 -8.77	28.58 -0.27 -10.64	28.27 -0.29 -10.56	29.31 -0.30 -10.86	32.39 -0.14 -11.72	36.78 0.03 -11.94	49.12 0.11 -16.55	36.67 0.10 -12.92	35.48 0.08 -12.60	38.30 0.26 -13.37	44.52 0.37 -15.15	52.01 0.06 -17.35	59.20 -0.04 -19.86	68.52 0.06 -25.90	184.86 1.73 -58.08	64.21 1.47 -6.70	72.35 2.44 0.00	64.50 2.41 0.00	57.99 2.66 0.00	38.97 1.78 0.00	33.85 1.52 0.00	23.49 1.09 0.00	29.27 1.39 0.00
MID___RAQUETTE_HYD 23851	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.78 0.03 -16.00	38.31 0.23 -17.27	42.87 0.51 -17.56	57.65 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.05 0.68 -19.70	52.07 0.75 -22.32	60.58 0.42 -25.56	69.09 0.45 -29.26	81.35 0.63 -38.16	213.48 2.86 -85.59	68.11 2.18 -9.88	73.66 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.65 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
MILLIKEN___1 23584	18.22 -0.09 0.00	15.69 -0.09 0.00	18.12 -0.09 0.00	17.92 -0.08 0.00	18.70 -0.05 0.00	20.78 -0.03 0.00	24.87 0.06 0.00	32.51 0.05 0.00	23.70 0.06 0.00	22.94 0.13 0.00	24.84 0.16 0.00	29.22 0.21 0.00	34.79 0.19 0.00	39.54 0.16 0.00	42.75 0.19 0.00	125.73 0.69 0.00	56.52 0.47 0.00	70.47 0.56 0.00	62.51 0.41 0.00	55.69 0.36 0.00	37.23 0.04 0.00	32.26 -0.06 0.00	22.38 -0.02 0.00	27.91 0.03 0.00
MILLIKEN___2 23585	18.22 -0.09 0.00	15.69 -0.09 0.00	18.12 -0.09 0.00	17.92 -0.08 0.00	18.70 -0.05 0.00	20.78 -0.03 0.00	24.87 0.06 0.00	32.51 0.05 0.00	23.70 0.06 0.00	22.94 0.13 0.00	24.84 0.16 0.00	29.22 0.21 0.00	34.79 0.19 0.00	39.54 0.16 0.00	42.75 0.19 0.00	125.73 0.69 0.00	56.52 0.47 0.00	70.47 0.56 0.00	62.51 0.41 0.00	55.69 0.36 0.00	37.23 0.04 0.00	32.26 -0.06 0.00	22.38 -0.02 0.00	27.91 0.03 0.00
MILLIKEN___DIESEL 23629	18.22 -0.09 0.00	15.69 -0.09 0.00	18.12 -0.09 0.00	17.92 -0.08 0.00	18.70 -0.05 0.00	20.78 -0.03 0.00	24.87 0.06 0.00	32.51 0.05 0.00	23.70 0.06 0.00	22.94 0.13 0.00	24.84 0.16 0.00	29.22 0.21 0.00	34.79 0.19 0.00	39.54 0.16 0.00	42.75 0.19 0.00	125.73 0.69 0.00	56.52 0.47 0.00	70.47 0.56 0.00	62.51 0.41 0.00	55.69 0.36 0.00	37.23 0.04 0.00	32.26 -0.06 0.00	22.38 -0.02 0.00	27.91 0.03 0.00
MILLSEAT___LFGE 323607	17.23 -1.07 0.00	14.82 -0.97 0.00	17.26 -0.94 0.00	17.07 -0.93 0.00	17.83 -0.92 0.00	19.85 -0.96 0.00	23.83 -0.97 0.00	30.69 -1.77 0.00	22.62 -1.02 0.00	22.06 -0.74 0.00	23.69 -0.99 0.00	27.69 -1.31 0.00	32.95 -1.66 0.00	37.12 -2.26 0.00	39.93 -2.63 0.00	116.51 -8.53 0.00	52.98 -3.06 0.00	66.38 -3.52 0.00	58.81 -3.28 0.00	52.42 -2.91 0.00	34.76 -2.43 0.00	30.18 -2.15 0.00	21.35 -1.06 0.00	27.02 -0.86 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.39 1.09 0.00	16.69 0.91 0.00	19.20 0.99 0.00	18.99 0.99 0.00	19.69 0.94 0.00	21.95 1.14 0.00	26.22 1.41 0.00	34.48 2.02 0.00	25.09 1.45 0.00	24.37 1.31 -0.26	26.19 1.51 0.00	30.80 1.80 0.00	36.76 2.16 0.00	41.94 2.56 0.00	45.39 2.82 0.00	165.85 8.55 -32.27	60.19 4.15 0.00	74.81 4.90 0.00	66.11 4.01 0.00	58.64 3.31 0.00	39.39 2.20 0.00	34.26 1.93 0.00	23.64 1.24 0.00	29.29 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	19.42 1.11 0.00	16.71 0.93 0.00	19.22 1.02 0.00	19.01 1.01 0.00	19.71 0.97 0.00	21.98 1.17 0.00	26.25 1.45 0.00	34.53 2.07 0.00	25.13 1.49 0.00	24.41 1.35 -0.26	26.22 1.54 0.00	30.85 1.84 0.00	36.83 2.22 0.00	41.99 2.61 0.00	45.45 2.89 0.00	166.09 8.79 -32.27	60.30 4.26 0.00	74.96 5.05 0.00	66.24 4.14 0.00	58.75 3.42 0.00	39.45 2.26 0.00	34.32 1.99 0.00	23.69 1.28 0.00	29.33 1.46 0.00
MODEL_CITY_ENERGY 24167	16.65 -1.66 0.00	14.33 -1.45 0.00	16.72 -1.48 0.00	16.54 -1.46 0.00	17.27 -1.48 0.00	19.19 -1.62 0.00	22.99 -1.81 0.00	29.47 -2.99 0.00	21.75 -1.89 0.00	21.24 -1.56 0.00	22.76 -1.92 0.00	26.60 -2.40 0.00	31.66 -2.94 0.00	35.60 -3.78 0.00	38.30 -4.26 0.00	111.59 -13.45 0.00	50.76 -5.28 0.00	63.57 -6.34 0.00	56.33 -5.76 0.00	50.26 -5.08 0.00	33.34 -3.85 0.00	29.01 -3.32 0.00	20.64 -1.77 0.00	26.23 -1.65 0.00
MODERN_LFGE___ 323580	16.65 -1.66 0.00	14.33 -1.45 0.00	16.72 -1.48 0.00	16.54 -1.46 0.00	17.27 -1.48 0.00	19.19 -1.62 0.00	22.99 -1.81 0.00	29.47 -2.99 0.00	21.75 -1.89 0.00	21.24 -1.56 0.00	22.76 -1.92 0.00	26.60 -2.40 0.00	31.66 -2.94 0.00	35.60 -3.78 0.00	38.30 -4.26 0.00	111.59 -13.45 0.00	50.76 -5.28 0.00	63.57 -6.34 0.00	56.33 -5.76 0.00	50.26 -5.08 0.00	33.34 -3.85 0.00	29.01 -3.32 0.00	20.64 -1.77 0.00	26.23 -1.65 0.00
MOHAWK_PAPER___DRP 24187	18.99 0.68 0.00	16.41 0.63 0.00	18.88 0.68 0.00	18.67 0.67 0.00	19.44 0.69 0.00	21.61 0.80 0.00	25.77 0.97 0.00	33.77 1.30 0.00	24.51 0.87 0.00	23.63 0.76 -0.07	25.47 0.79 0.00	29.95 0.95 0.00	35.74 1.13 0.00	40.84 1.46 0.00	44.23 1.66 0.00	139.44 5.19 -9.21	58.39 2.35 0.00	72.88 2.97 0.00	64.65 2.56 0.00	57.33 2.00 0.00	38.64 1.46 0.00	33.55 1.22 0.00	23.04 0.63 0.00	28.52 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	19.19 0.89 0.00	16.55 0.77 0.00	19.07 0.87 0.00	18.92 0.91 0.00	19.68 0.94 0.00	21.99 1.18 0.00	26.25 1.44 0.00	34.40 1.94 0.00	24.88 1.24 0.00	23.92 1.05 -0.07	25.83 1.15 0.00	30.36 1.36 0.00	36.26 1.65 0.00	41.55 2.17 0.00	45.00 2.44 0.00	140.83 7.06 -8.73	59.48 3.44 0.00	74.39 4.48 0.00	66.06 3.96 0.00	58.41 3.08 0.00	39.29 2.10 0.00	34.10 1.77 0.00	23.47 1.07 0.00	28.98 1.11 0.00
MONGAUP___HYD 23641	19.44 1.14 0.00	16.72 0.93 0.00	19.23 1.03 0.00	19.01 1.01 0.00	19.73 0.98 0.00	22.03 1.22 0.00	26.33 1.53 0.00	34.60 2.14 0.00	25.04 1.40 0.00	23.23 1.09 0.66	25.86 1.18 0.00	30.45 1.45 0.00	36.33 1.73 0.00	41.41 2.03 0.00	45.08 2.52 0.00	49.34 7.56 83.26	60.07 4.03 0.00	74.97 5.07 0.00	66.30 4.21 0.00	58.88 3.54 0.00	39.66 2.47 0.00	34.49 2.16 0.00	23.80 1.40 0.00	29.46 1.59 0.00
MONTAUK___DIESEL 23721	19.34 1.03 0.00	16.74 0.96 0.00	19.16 0.95 0.00	18.99 0.99 0.00	19.49 0.74 0.00	21.43 0.62 0.00	25.47 0.67 0.00	33.52 1.06 0.00	24.38 0.74 0.00	23.39 0.36 -0.23	25.02 0.37 0.03	23.78 0.09 5.32	26.04 0.33 8.90	28.06 0.63 11.95	28.01 0.97 15.52	156.78 5.19 -26.56	61.77 2.86 -2.86	71.91 2.01 0.00	63.53 1.44 0.00	56.43 1.10 0.00	25.44 0.23 11.97	29.99 0.36 2.70	22.77 0.37 0.00	28.71 0.83 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.71 -1.59 0.00	14.38 -1.41 0.00	16.74 -1.47 0.00	16.64 -1.36 0.00	17.42 -1.33 0.00	19.72 -1.09 0.00	23.74 -1.06 0.00	30.18 -2.28 0.00	22.28 -1.36 0.00	21.92 -0.89 0.00	23.73 -0.95 0.00	28.02 -0.99 0.00	33.85 -0.76 0.00	38.41 -0.97 0.00	41.40 -1.17 0.00	121.83 -3.21 0.00	55.14 -0.90 0.00	68.40 -1.51 0.00	60.43 -1.67 0.00	53.60 -1.74 0.00	35.56 -1.63 0.00	31.09 -1.24 0.00	21.87 -0.53 0.00	27.86 -0.02 0.00

MORRIS_RIDGE___SOLAR 323848	16.76 -1.54 0.00	14.42 -1.37 0.00	16.74 -1.46 0.00	16.58 -1.42 0.00	17.32 -1.43 0.00	19.31 -1.51 0.00	23.25 -1.55 0.00	30.33 -2.13 0.00	22.04 -1.60 0.00	21.35 -1.46 0.00	23.12 -1.56 0.00	27.16 -1.84 0.00	32.52 -2.08 0.00	36.73 -2.65 0.00	40.12 -2.44 0.00	118.21 -6.82 0.00	53.67 -2.37 0.00	66.75 -3.15 0.00	59.35 -2.74 0.00	53.09 -2.24 0.00	35.23 -1.96 0.00	30.46 -1.87 0.00	21.34 -1.07 0.00	26.93 -0.95 0.00
MORTIMER_115KV_TB3 55949	17.46 -0.84 0.00	15.03 -0.75 0.00	17.44 -0.76 0.00	17.25 -0.75 0.00	17.99 -0.76 0.00	20.01 -0.80 0.00	23.94 -0.86 0.00	31.03 -1.44 0.00	22.77 -0.87 0.00	22.15 -0.65 0.00	23.86 -0.81 0.00	27.96 -1.04 0.00	33.30 -1.30 0.00	37.63 -1.75 0.00	40.55 -2.02 0.00	118.63 -6.40 0.00	53.58 -2.46 0.00	67.01 -2.90 0.00	59.39 -2.71 0.00	52.88 -2.45 0.00	35.20 -1.99 0.00	30.55 -1.78 0.00	21.42 -0.98 0.00	26.94 -0.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.56 1.26 0.00	16.82 1.04 0.00	19.35 1.14 0.00	19.14 1.14 0.00	19.83 1.08 0.00	22.11 1.30 0.00	26.43 1.63 0.00	34.80 2.33 0.00	25.34 1.70 0.00	24.59 1.56 -0.23	26.49 1.81 0.00	31.14 2.14 0.00	37.16 2.55 0.00	42.34 2.96 0.00	45.81 3.25 0.00	164.46 9.69 -29.73	60.72 4.68 0.00	75.45 5.55 0.00	66.61 4.51 0.00	59.07 3.73 0.00	39.70 2.52 0.00	34.54 2.21 0.00	23.84 1.44 0.00	29.52 1.64 0.00
MUNSVILLE_WIND_PWR 323609	18.68 0.38 0.00	16.06 0.27 0.00	18.56 0.36 0.00	18.31 0.30 0.00	19.15 0.40 0.00	21.40 0.59 0.00	25.75 0.95 0.00	33.89 1.43 0.00	24.68 1.04 0.00	23.95 1.19 0.04	25.85 1.17 0.00	30.69 1.69 0.00	36.42 1.82 0.00	41.47 2.09 0.00	45.04 2.48 0.00	127.55 7.38 4.87	59.89 3.85 0.00	74.66 4.75 0.00	66.38 4.28 0.00	59.34 4.00 0.00	39.51 2.32 0.00	34.10 1.78 0.00	23.56 1.16 0.00	29.26 1.38 0.00
N SALMON___HYD 24042	46.04 -0.25 -27.99	38.96 -0.26 -23.44	46.42 -0.24 -28.46	45.96 -0.27 -28.22	47.50 -0.28 -29.03	51.91 -0.23 -31.33	56.43 -0.18 -31.81	76.69 -0.03 -44.26	58.19 0.00 -34.56	56.52 0.03 -33.69	60.46 0.05 -35.74	69.57 0.05 -40.51	80.88 -0.11 -46.38	92.39 -0.08 -53.09	111.71 -0.10 -69.24	279.71 -0.63 -155.30	74.15 0.18 -17.93	71.00 1.09 0.00	63.76 1.67 0.00	57.60 2.26 0.00	38.83 1.64 0.00	33.70 1.37 0.00	23.37 0.97 0.00	29.13 1.25 0.00
N.AKRON__115KV_KNAPP 355671	17.12 -1.18 0.00	14.74 -1.05 0.00	17.17 -1.04 0.00	16.98 -1.03 0.00	17.72 -1.03 0.00	19.73 -1.08 0.00	23.68 -1.13 0.00	30.46 -2.00 0.00	22.46 -1.18 0.00	21.94 -0.86 0.00	23.54 -1.14 0.00	27.51 -1.49 0.00	32.73 -1.87 0.00	36.85 -2.53 0.00	39.65 -2.91 0.00	115.64 -9.40 0.00	52.57 -3.47 0.00	65.89 -4.01 0.00	58.34 -3.75 0.00	52.03 -3.30 0.00	34.51 -2.68 0.00	29.97 -2.36 0.00	21.23 -1.17 0.00	26.90 -0.98 0.00
N.BELMOR_69_KV_BK1 55787	19.78 1.48 0.00	17.08 1.30 0.00	19.58 1.37 0.00	19.39 1.38 0.00	19.96 1.21 0.00	22.09 1.28 0.00	26.23 1.43 0.00	34.53 2.06 0.00	25.17 1.53 0.00	24.29 1.26 -0.23	26.03 1.37 0.02	27.55 1.48 2.93	29.39 1.86 7.08	31.99 2.25 9.64	32.51 2.54 12.58	161.44 9.19 -27.21	64.76 4.77 -3.95	75.12 5.21 0.00	66.72 4.62 0.00	59.06 3.73 0.00	29.53 1.96 9.61	31.77 1.64 2.20	23.58 1.18 0.00	29.50 1.62 0.00
N.E_GEN_SANDY PD 24062	21.41 0.89 -2.22	23.57 0.77 -7.01	21.23 0.86 -2.17	20.56 0.86 -1.70	20.16 0.85 -0.56	22.23 1.00 -0.42	26.91 1.18 -0.92	34.08 1.62 0.00	24.77 1.13 0.00	23.90 0.97 -0.12	25.70 1.02 0.00	29.89 1.07 0.18	35.93 1.33 0.00	41.44 1.79 -0.27	44.59 2.03 0.00	144.20 6.40 -12.76	58.44 2.85 0.45	73.52 3.61 0.00	65.21 3.11 0.00	57.54 2.43 0.23	38.94 1.81 0.06	34.55 1.55 -0.67	23.32 0.92 0.00	28.88 1.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.38 1.08 0.00	16.67 0.88 0.00	19.17 0.97 0.00	18.97 0.96 0.00	19.67 0.92 0.00	21.94 1.13 0.00	26.20 1.39 0.00	34.45 1.99 0.00	25.07 1.43 0.00	22.97 1.28 1.12	26.17 1.49 0.00	30.81 1.81 0.00	36.80 2.20 0.00	41.97 2.58 0.00	45.41 2.84 0.00	-7.70 8.46 141.21	60.16 4.11 0.00	74.70 4.79 0.00	65.99 3.89 0.00	58.54 3.20 0.00	39.32 2.14 0.00	34.21 1.88 0.00	23.62 1.22 0.00	29.28 1.40 0.00
N.QUEENS_27_KV_LOAD 356247	19.58 1.27 0.00	16.83 1.04 0.00	19.35 1.14 0.00	19.14 1.14 0.00	19.83 1.08 0.00	22.13 1.32 0.00	26.48 1.68 0.00	34.90 2.44 0.00	25.42 1.78 0.00	24.65 1.62 -0.23	26.55 1.88 0.00	31.22 2.22 0.00	37.21 2.60 0.00	42.36 2.98 0.00	45.83 3.27 0.00	164.64 9.72 -29.89	60.75 4.70 0.00	75.44 5.53 0.00	66.56 4.46 0.00	59.03 3.69 0.00	39.81 2.62 0.00	34.60 2.27 0.00	23.87 1.47 0.00	29.53 1.66 0.00
N.TROY___115KV_TB1 355778	19.07 0.77 0.00	16.47 0.68 0.00	18.97 0.76 0.00	18.77 0.77 0.00	19.53 0.78 0.00	21.72 0.91 0.00	25.88 1.08 0.00	33.91 1.45 0.00	24.60 0.96 0.00	23.69 0.82 -0.07	25.53 0.85 0.00	29.94 0.94 0.00	35.75 1.15 0.00	40.93 1.55 0.00	44.32 1.76 0.00	139.85 5.52 -9.30	58.47 2.42 0.00	72.99 3.09 0.00	64.78 2.68 0.00	57.43 2.10 0.00	38.77 1.58 0.00	33.68 1.35 0.00	23.19 0.78 0.00	28.73 0.85 0.00
NARROWS_GT1_1 24228	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT1_2 24229	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT1_3 24230	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT1_4 24231	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00

NARROWS_GT1_5 24232	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT1_6 24233	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT1_7 24234	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT1_8 24235	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_1 24236	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_2 24237	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_3 24238	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_4 24239	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_5 24240	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_6 24241	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_7 24242	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NARROWS_GT2_8 24243	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.36 2.98 0.00	45.89 3.33 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.62 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.08 0.78 0.00	16.51 0.73 0.00	19.00 0.80 0.00	18.79 0.79 0.00	19.60 0.85 0.00	21.76 0.95 0.00	26.02 1.22 0.00	34.06 1.60 0.00	24.55 0.91 0.00	23.48 0.68 0.00	25.30 0.62 0.00	29.97 0.97 0.00	35.67 1.07 0.00	40.78 1.40 0.00	44.33 1.77 0.00	131.22 6.18 0.00	58.84 2.80 0.00	73.73 3.83 0.00	65.45 3.35 0.00	57.96 2.63 0.00	39.06 1.87 0.00	33.83 1.50 0.00	23.14 0.74 0.00	28.62 0.75 0.00
NCHELSEA_115KV_TR2 355582	19.45 1.15 0.00	16.74 0.96 0.00	19.26 1.06 0.00	19.05 1.05 0.00	19.78 1.04 0.00	22.04 1.23 0.00	26.35 1.54 0.00	34.63 2.17 0.00	25.17 1.53 0.00	24.12 1.38 0.07	26.24 1.56 0.00	30.85 1.85 0.00	36.87 2.26 0.00	42.07 2.68 0.00	45.58 3.01 0.00	125.76 9.26 8.54	60.50 4.46 0.00	75.29 5.39 0.00	66.58 4.48 0.00	59.05 3.72 0.00	39.66 2.47 0.00	34.45 2.12 0.00	23.76 1.36 0.00	29.42 1.54 0.00
NEG CAPITAL___MECHNVIL 23645	19.22 0.92 0.00	16.59 0.81 0.00	19.11 0.90 0.00	18.92 0.92 0.00	19.69 0.94 0.00	21.91 1.10 0.00	26.16 1.35 0.00	34.26 1.80 0.00	24.82 1.18 0.00	23.91 1.04 -0.07	25.80 1.12 0.00	30.36 1.36 0.00	36.23 1.63 0.00	41.43 2.05 0.00	44.88 2.32 0.00	141.00 7.02 -8.93	59.27 3.23 0.00	74.05 4.15 0.00	65.70 3.60 0.00	58.23 2.90 0.00	39.21 2.03 0.00	34.04 1.71 0.00	23.44 1.04 0.00	29.03 1.15 0.00

NEG CENTRAL_HIGH_ACRES 23767	17.28 -1.02 0.00	14.89 -0.90 0.00	17.24 -0.96 0.00	17.06 -0.95 0.00	17.79 -0.96 0.00	19.79 -1.02 0.00	23.69 -1.11 0.00	30.78 -1.68 0.00	22.55 -1.09 0.00	21.90 -0.91 0.00	23.61 -1.07 0.00	27.70 -1.30 0.00	33.01 -1.60 0.00	37.32 -2.06 0.00	40.22 -2.35 0.00	117.83 -7.21 0.00	53.15 -2.89 0.00	66.44 -3.46 0.00	58.89 -3.20 0.00	52.42 -2.91 0.00	34.92 -2.26 0.00	30.30 -2.03 0.00	21.19 -1.21 0.00	26.59 -1.29 0.00
NEG CENTRAL___DRP 24199	17.77 -0.53 0.00	15.31 -0.47 0.00	17.70 -0.51 0.00	17.51 -0.49 0.00	18.27 -0.48 0.00	20.31 -0.50 0.00	24.33 -0.47 0.00	31.78 -0.69 0.00	23.15 -0.49 0.00	22.42 -0.38 0.00	24.29 -0.38 0.00	28.55 -0.45 0.00	34.01 -0.60 0.00	38.57 -0.81 0.00	41.74 -0.82 0.00	122.54 -2.50 0.00	55.19 -0.85 0.00	68.73 -1.17 0.00	60.94 -1.16 0.00	54.32 -1.02 0.00	36.27 -0.92 0.00	31.47 -0.86 0.00	21.86 -0.54 0.00	27.31 -0.57 0.00
NEG CENTRAL___INDECK 23768	17.54 -0.76 0.00	15.08 -0.71 0.00	17.51 -0.70 0.00	17.30 -0.70 0.00	18.08 -0.67 0.00	20.17 -0.64 0.00	24.33 -0.47 0.00	31.73 -0.73 0.00	23.14 -0.50 0.00	22.41 -0.39 0.00	24.19 -0.49 0.00	28.27 -0.73 0.00	33.63 -0.98 0.00	37.91 -1.47 0.00	41.46 -1.10 0.00	122.06 -2.98 0.00	55.49 -0.55 0.00	69.49 -0.41 0.00	61.68 -0.42 0.00	55.04 -0.29 0.00	36.55 -0.64 0.00	31.52 -0.81 0.00	22.04 -0.36 0.00	27.70 -0.18 0.00
NEG CENTRAL___SENECA 23627	17.72 -0.58 0.00	15.26 -0.53 0.00	17.64 -0.56 0.00	17.47 -0.54 0.00	18.22 -0.52 0.00	20.30 -0.52 0.00	24.37 -0.43 0.00	31.86 -0.61 0.00	23.22 -0.42 0.00	22.51 -0.29 0.00	24.39 -0.28 0.00	28.67 -0.34 0.00	34.11 -0.50 0.00	38.65 -0.73 0.00	41.87 -0.69 0.00	122.91 -2.13 0.00	55.47 -0.57 0.00	68.99 -0.91 0.00	61.23 -0.87 0.00	54.60 -0.74 0.00	36.36 -0.83 0.00	31.53 -0.81 0.00	21.92 -0.48 0.00	27.43 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	18.03 -0.28 0.00	15.54 -0.25 0.00	17.93 -0.27 0.00	17.75 -0.25 0.00	18.50 -0.24 0.00	20.56 -0.26 0.00	24.57 -0.23 0.00	32.06 -0.41 0.00	23.37 -0.26 0.00	22.60 -0.20 0.00	24.47 -0.21 0.00	28.76 -0.24 0.00	34.29 -0.32 0.00	38.94 -0.44 0.00	42.07 -0.49 0.00	123.63 -1.41 0.00	55.58 -0.46 0.00	69.29 -0.61 0.00	61.45 -0.65 0.00	54.73 -0.61 0.00	36.61 -0.57 0.00	31.78 -0.55 0.00	22.06 -0.34 0.00	27.53 -0.35 0.00
NEG MILLWOOD___DRP 24198	19.51 1.21 0.00	16.79 1.00 0.00	19.31 1.11 0.00	19.11 1.11 0.00	19.83 1.08 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.77 2.31 0.00	25.28 1.64 0.00	24.36 1.48 0.00	26.34 1.67 0.00	30.97 1.96 0.00	37.01 2.40 0.00	42.22 2.83 0.00	45.72 3.16 0.00	143.75 9.76 -8.94	60.72 4.68 0.00	75.63 5.72 0.00	66.84 4.74 0.00	59.27 3.94 0.00	39.79 2.60 0.00	34.57 2.24 0.00	23.83 1.42 0.00	29.49 1.62 0.00
NEG NORTH_FLCN_SEA 23793	-7.44 -0.73 25.02	-5.88 -0.72 20.95	-7.96 -0.72 25.44	-7.94 -0.72 25.23	-7.98 -0.77 25.95	-7.92 -0.73 28.00	-7.97 -0.90 31.87	-8.19 -1.09 39.56	-8.05 -0.80 30.89	-8.02 -0.71 30.11	-8.01 -0.75 31.95	-8.11 -0.90 36.21	-7.75 -0.90 41.46	-9.00 -0.93 47.45	-20.39 -1.06 61.89	-18.07 -4.29 138.81	38.37 -1.65 16.02	68.58 -1.33 0.00	61.81 -0.28 0.00	56.13 0.79 0.00	38.39 1.21 0.00	33.38 1.05 0.00	23.11 0.71 0.00	28.75 0.87 0.00
NEG NORTH_KES_CHATEGAY 23792	-8.61 -0.51 26.40	-6.81 -0.49 22.11	-9.15 -0.50 26.85	-9.14 -0.52 26.62	-9.18 -0.54 27.39	-9.31 -0.57 29.55	-9.29 -0.65 33.44	-9.97 -0.68 41.76	-9.45 -0.49 32.60	-9.41 -0.43 31.78	-9.53 -0.49 33.72	-9.79 -0.59 38.21	-9.85 -0.70 43.76	-11.49 -0.80 50.08	-23.61 -0.85 65.32	-24.66 -3.19 146.51	37.94 -1.19 16.91	69.14 -0.77 0.00	62.17 0.07 0.00	56.23 0.89 0.00	38.03 0.84 0.00	33.05 0.72 0.00	22.93 0.53 0.00	28.59 0.72 0.00
NEG NORTH___ALICE_FALLS 23915	-7.54 -0.61 25.23	-5.96 -0.61 21.13	-8.06 -0.60 25.66	-8.05 -0.61 25.45	-8.08 -0.65 26.18	-8.04 -0.61 28.25	-8.04 -0.73 32.12	-8.29 -0.85 39.91	-8.14 -0.62 31.16	-8.12 -0.55 30.37	-8.12 -0.57 32.23	-8.22 -0.70 36.52	-7.94 -0.73 41.82	-9.23 -0.75 47.87	-20.68 -0.81 62.44	-18.35 -3.36 140.04	38.70 -1.18 16.17	69.29 -0.62 0.00	62.42 0.33 0.00	56.63 1.30 0.00	38.57 1.38 0.00	33.51 1.18 0.00	23.21 0.81 0.00	28.88 1.00 0.00
NEG NORTH___LWR_SARANAC 23913	-7.54 -0.61 25.23	-5.96 -0.61 21.13	-8.06 -0.60 25.66	-8.05 -0.61 25.45	-8.08 -0.65 26.18	-8.04 -0.61 28.25	-8.04 -0.73 32.12	-8.29 -0.85 39.91	-8.14 -0.62 31.16	-8.12 -0.55 30.37	-8.12 -0.57 32.23	-8.22 -0.70 36.52	-7.94 -0.73 41.82	-9.23 -0.75 47.87	-20.68 -0.81 62.44	-18.35 -3.36 140.04	38.70 -1.18 16.17	69.29 -0.62 0.00	62.42 0.33 0.00	56.63 1.30 0.00	38.57 1.38 0.00	33.51 1.18 0.00	23.21 0.81 0.00	28.88 1.00 0.00
NEG NORTH___PLATTSBURG 23628	-7.55 -0.61 25.23	-5.96 -0.61 21.13	-8.07 -0.61 25.66	-8.06 -0.62 25.45	-8.09 -0.66 26.18	-8.05 -0.62 28.25	-8.06 -0.75 32.12	-8.31 -0.87 39.91	-8.15 -0.63 31.16	-8.13 -0.56 30.37	-8.13 -0.59 32.23	-8.24 -0.72 36.52	-7.95 -0.73 41.82	-9.24 -0.75 47.87	-20.70 -0.83 62.44	-18.36 -3.37 140.04	38.70 -1.18 16.17	69.29 -0.62 0.00	62.42 0.33 0.00	56.63 1.29 0.00	38.57 1.38 0.00	33.51 1.18 0.00	23.21 0.81 0.00	28.88 1.00 0.00
NEG WEST_LEA_LOCKPORT 23791	16.82 -1.48 0.00	14.49 -1.30 0.00	16.89 -1.31 0.00	16.71 -1.30 0.00	17.43 -1.31 0.00	19.40 -1.41 0.00	23.24 -1.57 0.00	29.84 -2.62 0.00	22.00 -1.64 0.00	21.50 -1.30 0.00	23.05 -1.63 0.00	26.94 -2.06 0.00	32.10 -2.51 0.00	36.10 -3.29 0.00	38.84 -3.72 0.00	113.20 -11.83 0.00	51.49 -4.56 0.00	64.50 -5.41 0.00	57.14 -4.96 0.00	50.99 -4.35 0.00	33.81 -3.38 0.00	29.39 -2.94 0.00	20.88 -1.52 0.00	26.53 -1.35 0.00
NEG WEST___LANCASTR 23811	17.54 -0.76 0.00	15.10 -0.68 0.00	17.59 -0.61 0.00	17.40 -0.61 0.00	18.17 -0.58 0.00	20.18 -0.63 0.00	24.15 -0.65 0.00	31.19 -1.27 0.00	22.94 -0.70 0.00	22.41 -0.39 0.00	24.15 -0.53 0.00	28.36 -0.65 0.00	33.83 -0.78 0.00	38.09 -1.29 0.00	40.99 -1.57 0.00	120.00 -5.04 0.00	54.85 -1.19 0.00	68.31 -1.60 0.00	60.57 -1.53 0.00	54.10 -1.24 0.00	35.87 -1.31 0.00	31.14 -1.19 0.00	21.96 -0.44 0.00	27.83 -0.05 0.00
NEG_PENN_ALLEGHNY 23528	18.09 -0.21 0.00	15.58 -0.20 0.00	18.00 -0.21 0.00	17.82 -0.18 0.00	18.58 -0.16 0.00	20.63 -0.18 0.00	24.67 -0.13 0.00	32.26 -0.20 0.00	23.52 -0.12 0.00	22.78 -0.03 0.00	24.71 0.04 0.00	29.09 0.09 0.00	34.71 0.10 0.00	39.32 -0.06 0.00	42.46 -0.10 0.00	124.85 -0.19 0.00	56.10 0.05 0.00	69.72 -0.19 0.00	61.81 -0.29 0.00	55.16 -0.17 0.00	36.86 -0.32 0.00	31.98 -0.36 0.00	22.22 -0.19 0.00	27.77 -0.11 0.00
NEG___GEN_MONROE 24207	17.53 -0.77 0.00	15.09 -0.70 0.00	17.52 -0.68 0.00	17.32 -0.68 0.00	18.07 -0.68 0.00	20.11 -0.70 0.00	24.09 -0.72 0.00	31.19 -1.27 0.00	22.91 -0.73 0.00	22.30 -0.50 0.00	24.02 -0.66 0.00	28.11 -0.89 0.00	33.49 -1.11 0.00	37.82 -1.56 0.00	40.73 -1.83 0.00	119.15 -5.89 0.00	53.90 -2.15 0.00	67.44 -2.46 0.00	59.78 -2.32 0.00	53.21 -2.12 0.00	35.39 -1.80 0.00	30.70 -1.63 0.00	21.55 -0.85 0.00	27.13 -0.75 0.00

NEPA__ENERGY 23901	17.26 -1.04 0.00	14.82 -0.97 0.00	17.24 -0.97 0.00	17.09 -0.91 0.00	17.84 -0.91 0.00	19.94 -0.87 0.00	23.92 -0.89 0.00	30.93 -1.53 0.00	22.68 -0.96 0.00	22.16 -0.64 0.00	24.03 -0.65 0.00	28.33 -0.67 0.00	33.88 -0.73 0.00	38.15 -1.23 0.00	41.07 -1.49 0.00	120.55 -4.49 0.00	54.53 -1.51 0.00	67.48 -2.43 0.00	59.72 -2.38 0.00	53.42 -1.92 0.00	35.39 -1.80 0.00	30.75 -1.59 0.00	21.60 -0.80 0.00	27.38 -0.49 0.00
NEVERSink__HYD 23608	19.51 1.20 0.00	16.78 0.99 0.00	19.30 1.10 0.00	19.08 1.08 0.00	19.81 1.06 0.00	22.11 1.30 0.00	26.43 1.63 0.00	34.74 2.28 0.00	25.23 1.59 0.00	23.93 1.40 0.27	26.25 1.57 0.00	30.93 1.93 0.00	36.93 2.33 0.00	42.04 2.66 0.00	45.56 3.00 0.00	99.93 9.54 34.65	60.75 4.70 0.00	75.66 5.75 0.00	66.87 4.78 0.00	59.37 4.04 0.00	39.82 2.64 0.00	34.59 2.26 0.00	23.89 1.49 0.00	29.58 1.70 0.00
NEWKRMKL_115KV_TB1 55635	18.84 0.54 0.00	16.29 0.51 0.00	18.73 0.53 0.00	18.52 0.52 0.00	19.29 0.54 0.00	21.42 0.61 0.00	25.56 0.76 0.00	33.49 1.03 0.00	24.32 0.68 0.00	23.46 0.58 -0.07	25.30 0.62 0.00	29.73 0.73 0.00	35.48 0.87 0.00	40.54 1.16 0.00	43.90 1.34 0.00	138.40 4.29 -9.07	57.95 1.91 0.00	72.32 2.41 0.00	64.12 2.02 0.00	56.87 1.54 0.00	38.33 1.14 0.00	33.27 0.94 0.00	22.79 0.39 0.00	28.22 0.34 0.00
NEWTON__FALLS_HYD 23847	28.49 -0.28 -10.47	24.28 -0.27 -8.77	28.58 -0.27 -10.64	28.27 -0.29 -10.56	29.31 -0.30 -10.86	32.39 -0.14 -11.72	36.78 0.03 -11.94	49.12 0.11 -16.55	36.67 0.10 -12.92	35.48 0.08 -12.60	38.30 0.26 -13.37	44.52 0.37 -15.15	52.01 0.06 -17.35	59.20 -0.04 -19.86	68.52 0.06 -25.90	184.86 1.73 -58.08	64.21 1.47 -6.70	72.35 2.44 0.00	64.50 2.41 0.00	57.99 2.66 0.00	38.97 1.78 0.00	33.85 1.52 0.00	23.49 1.09 0.00	29.27 1.39 0.00
NGRID_A1_DSASP 323792	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.53 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.12 -1.69 0.00	22.87 -1.93 0.00	29.31 -3.15 0.00	21.62 -2.02 0.00	21.13 -1.68 0.00	22.62 -2.06 0.00	26.43 -2.57 0.00	31.47 -3.14 0.00	35.39 -4.00 0.00	38.04 -4.52 0.00	110.84 -14.20 0.00	50.37 -5.67 0.00	63.08 -6.83 0.00	55.85 -6.24 0.00	49.85 -5.49 0.00	33.07 -4.12 0.00	28.79 -3.55 0.00	20.47 -1.93 0.00	26.05 -1.83 0.00
NGRID_A2_DSASP 323793	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.53 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.12 -1.69 0.00	22.87 -1.93 0.00	29.31 -3.15 0.00	21.62 -2.02 0.00	21.13 -1.68 0.00	22.62 -2.06 0.00	26.43 -2.57 0.00	31.47 -3.14 0.00	35.39 -4.00 0.00	38.04 -4.52 0.00	110.84 -14.20 0.00	50.37 -5.67 0.00	63.08 -6.83 0.00	55.85 -6.24 0.00	49.85 -5.49 0.00	33.07 -4.12 0.00	28.79 -3.55 0.00	20.47 -1.93 0.00	26.05 -1.83 0.00
NGRID_A4_DSASP 323807	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.53 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.12 -1.69 0.00	22.87 -1.93 0.00	29.31 -3.15 0.00	21.62 -2.02 0.00	21.13 -1.68 0.00	22.62 -2.06 0.00	26.43 -2.57 0.00	31.47 -3.14 0.00	35.39 -4.00 0.00	38.04 -4.52 0.00	110.84 -14.20 0.00	50.37 -5.67 0.00	63.08 -6.83 0.00	55.85 -6.24 0.00	49.85 -5.49 0.00	33.07 -4.12 0.00	28.79 -3.55 0.00	20.47 -1.93 0.00	26.05 -1.83 0.00
NIAGARA_115E_LBMP 323715	16.54 -1.76 0.00	14.24 -1.54 0.00	16.63 -1.58 0.00	16.44 -1.57 0.00	17.16 -1.58 0.00	19.07 -1.74 0.00	22.84 -1.97 0.00	29.24 -3.22 0.00	21.59 -2.05 0.00	21.09 -1.72 0.00	22.58 -2.10 0.00	26.39 -2.61 0.00	31.41 -3.19 0.00	35.31 -4.07 0.00	37.98 -4.58 0.00	110.61 -14.43 0.00	50.32 -5.72 0.00	63.02 -6.88 0.00	55.84 -6.25 0.00	49.83 -5.50 0.00	33.06 -4.13 0.00	28.78 -3.55 0.00	20.49 -1.91 0.00	26.06 -1.82 0.00
NIAGARA_115W_LBMP 323714	16.55 -1.75 0.00	14.26 -1.53 0.00	16.63 -1.57 0.00	16.45 -1.55 0.00	17.16 -1.59 0.00	19.08 -1.73 0.00	22.83 -1.98 0.00	29.25 -3.22 0.00	21.58 -2.06 0.00	21.08 -1.72 0.00	22.57 -2.11 0.00	26.38 -2.63 0.00	31.40 -3.20 0.00	35.31 -4.07 0.00	37.96 -4.60 0.00	110.59 -14.45 0.00	50.27 -5.78 0.00	62.94 -6.97 0.00	55.74 -6.36 0.00	49.74 -5.60 0.00	33.00 -4.19 0.00	28.73 -3.61 0.00	20.43 -1.97 0.00	26.00 -1.88 0.00
NIAGARA_230_LBMP 323716	16.71 -1.59 0.00	14.40 -1.39 0.00	16.79 -1.41 0.00	16.61 -1.39 0.00	17.33 -1.42 0.00	19.26 -1.55 0.00	23.03 -1.77 0.00	29.56 -2.90 0.00	21.79 -1.85 0.00	21.29 -1.52 0.00	22.81 -1.87 0.00	26.69 -2.32 0.00	31.78 -2.83 0.00	35.75 -3.63 0.00	38.44 -4.12 0.00	112.03 -13.01 0.00	50.92 -5.12 0.00	63.71 -6.20 0.00	56.47 -5.62 0.00	50.37 -4.96 0.00	33.40 -3.79 0.00	29.06 -3.27 0.00	20.63 -1.77 0.00	26.25 -1.63 0.00
NIAGARA__115KV_198_GIBSON 55903	16.55 -1.75 0.00	14.26 -1.53 0.00	16.63 -1.57 0.00	16.45 -1.55 0.00	17.15 -1.59 0.00	19.08 -1.73 0.00	22.82 -1.98 0.00	29.24 -3.22 0.00	21.57 -2.07 0.00	21.10 -1.70 0.00	22.59 -2.09 0.00	26.38 -2.62 0.00	31.42 -3.19 0.00	35.32 -4.06 0.00	37.98 -4.58 0.00	110.68 -14.36 0.00	50.27 -5.78 0.00	62.96 -6.95 0.00	55.73 -6.36 0.00	49.74 -5.59 0.00	33.01 -4.18 0.00	28.73 -3.61 0.00	20.43 -1.97 0.00	26.00 -1.88 0.00
NIAGARA____ 23760	16.71 -1.59 0.00	14.40 -1.39 0.00	16.79 -1.41 0.00	16.61 -1.39 0.00	17.33 -1.42 0.00	19.26 -1.55 0.00	23.03 -1.77 0.00	29.56 -2.90 0.00	21.79 -1.85 0.00	21.29 -1.52 0.00	22.81 -1.87 0.00	26.69 -2.32 0.00	31.78 -2.83 0.00	35.75 -3.63 0.00	38.44 -4.12 0.00	112.03 -13.01 0.00	50.92 -5.12 0.00	63.71 -6.20 0.00	56.47 -5.62 0.00	50.37 -4.96 0.00	33.40 -3.79 0.00	29.06 -3.27 0.00	20.63 -1.77 0.00	26.25 -1.63 0.00
NINE_MILE_1 23575	17.67 -0.63 0.00	15.23 -0.56 0.00	17.58 -0.62 0.00	17.39 -0.62 0.00	18.11 -0.64 0.00	20.09 -0.72 0.00	23.93 -0.87 0.00	31.18 -1.28 0.00	22.73 -0.91 0.00	21.96 -0.85 0.00	23.76 -0.92 0.00	27.92 -1.09 0.00	33.27 -1.33 0.00	37.80 -1.58 0.00	40.86 -1.71 0.00	120.03 -5.01 0.00	53.87 -2.17 0.00	67.18 -2.73 0.00	59.61 -2.49 0.00	53.09 -2.24 0.00	35.63 -1.56 0.00	30.97 -1.36 0.00	21.51 -0.89 0.00	26.80 -1.08 0.00
NINE_MILE_2 23744	17.67 -0.63 0.00	15.23 -0.56 0.00	17.58 -0.62 0.00	17.39 -0.62 0.00	18.11 -0.64 0.00	20.09 -0.72 0.00	23.93 -0.87 0.00	31.18 -1.28 0.00	22.73 -0.91 0.00	21.96 -0.85 0.00	23.76 -0.92 0.00	27.92 -1.09 0.00	33.27 -1.33 0.00	37.80 -1.58 0.00	40.86 -1.71 0.00	120.04 -5.00 0.00	53.87 -2.17 0.00	67.18 -2.72 0.00	59.63 -2.47 0.00	53.09 -2.24 0.00	35.63 -1.56 0.00	30.97 -1.36 0.00	21.51 -0.89 0.00	26.80 -1.08 0.00
NM_CAPITAL__DRP 24208	18.88 0.57 0.00	16.32 0.53 0.00	18.77 0.57 0.00	18.56 0.56 0.00	19.32 0.58 0.00	21.47 0.67 0.00	25.60 0.80 0.00	33.55 1.09 0.00	24.37 0.73 0.00	23.50 0.62 -0.07	25.32 0.65 0.00	29.74 0.73 0.00	35.49 0.88 0.00	40.57 1.19 0.00	43.93 1.37 0.00	138.63 4.33 -9.26	57.98 1.94 0.00	72.35 2.45 0.00	64.16 2.06 0.00	56.90 1.57 0.00	38.38 1.19 0.00	33.32 0.99 0.00	22.85 0.45 0.00	28.29 0.41 0.00

NM_CENTRAL___DRP 24181	17.95 -0.35 0.00	15.47 -0.32 0.00	17.85 -0.35 0.00	17.66 -0.35 0.00	18.41 -0.34 0.00	20.44 -0.37 0.00	24.39 -0.42 0.00	31.81 -0.65 0.00	23.20 -0.44 0.00	22.43 -0.37 0.00	24.27 -0.40 0.00	28.54 -0.46 0.00	34.02 -0.58 0.00	38.64 -0.74 0.00	41.75 -0.81 0.00	122.64 -2.40 0.00	55.02 -1.02 0.00	68.59 -1.32 0.00	60.80 -1.30 0.00	54.14 -1.19 0.00	36.28 -0.91 0.00	31.54 -0.79 0.00	21.90 -0.50 0.00	27.30 -0.58 0.00
NM_FRONTIER___DRP 24179	16.55 -1.75 0.00	14.26 -1.53 0.00	16.63 -1.57 0.00	16.45 -1.55 0.00	17.15 -1.59 0.00	19.08 -1.73 0.00	22.82 -1.98 0.00	29.24 -3.22 0.00	21.57 -2.07 0.00	21.10 -1.70 0.00	22.59 -2.09 0.00	26.38 -2.62 0.00	31.42 -3.19 0.00	35.32 -4.06 0.00	37.98 -4.58 0.00	110.68 -14.36 0.00	50.27 -5.78 0.00	62.96 -6.95 0.00	55.73 -6.36 0.00	49.74 -5.59 0.00	33.01 -4.18 0.00	28.73 -3.61 0.00	20.43 -1.97 0.00	26.00 -1.88 0.00
NM_ST_REGIS___HYD 24053	36.30 -0.02 -18.01	30.81 -0.06 -15.08	36.51 0.00 -18.31	36.11 -0.05 -18.16	37.39 -0.04 -18.68	41.09 0.12 -20.16	45.64 0.34 -20.50	61.55 0.60 -28.48	46.34 0.46 -22.24	44.88 0.39 -21.68	48.21 0.53 -23.00	55.66 0.59 -26.07	64.75 0.30 -29.85	73.88 0.34 -34.16	87.58 0.46 -44.56	227.01 2.03 -99.94	69.28 1.70 -11.54	73.04 3.13 0.00	65.36 3.27 0.00	58.96 3.62 0.00	39.64 2.45 0.00	34.36 2.03 0.00	23.80 1.40 0.00	29.67 1.80 0.00
NORTHPORT___1 23551	19.83 1.53 0.00	17.17 1.39 0.00	19.66 1.46 0.00	19.49 1.49 0.00	19.98 1.23 0.00	21.98 1.17 0.00	26.01 1.20 0.00	34.23 1.77 0.00	25.00 1.35 0.00	24.03 1.00 -0.23	25.78 1.13 0.03	24.61 1.02 5.41	26.91 1.28 8.98	28.98 1.64 12.05	28.79 1.88 15.64	159.68 8.09 -26.55	62.96 4.09 -2.82	73.65 3.75 0.00	65.55 3.46 0.00	57.94 2.60 0.00	26.30 1.19 12.07	30.55 0.94 2.72	23.23 0.82 0.00	29.27 1.40 0.00
NORTHPORT___2 23552	19.83 1.53 0.00	17.17 1.39 0.00	19.66 1.46 0.00	19.49 1.49 0.00	19.98 1.23 0.00	21.98 1.17 0.00	26.01 1.20 0.00	34.23 1.77 0.00	25.00 1.35 0.00	24.03 1.00 -0.23	25.78 1.13 0.03	24.61 1.02 5.41	26.91 1.28 8.98	28.98 1.64 12.05	28.79 1.88 15.64	159.68 8.09 -26.55	62.96 4.09 -2.82	73.65 3.75 0.00	65.55 3.46 0.00	57.94 2.60 0.00	26.30 1.19 12.07	30.55 0.94 2.72	23.23 0.82 0.00	29.27 1.40 0.00
NORTHPORT___3 23553	19.60 1.30 0.00	16.96 1.18 0.00	19.43 1.23 0.00	19.25 1.25 0.00	19.74 0.99 0.00	21.73 0.92 0.00	25.73 0.93 0.00	33.84 1.38 0.00	24.70 1.06 0.00	23.80 0.77 -0.23	25.57 0.92 0.03	24.39 0.82 5.44	26.69 1.04 8.96	28.67 1.31 12.02	28.49 1.54 15.61	158.36 6.81 -26.51	62.53 3.66 -2.82	73.38 3.47 0.00	65.22 3.12 0.00	57.86 2.53 0.00	26.25 1.11 12.05	30.46 0.85 2.72	23.18 0.78 0.00	29.18 1.31 0.00
NORTHPORT___4 23650	19.60 1.30 0.00	16.96 1.18 0.00	19.43 1.23 0.00	19.25 1.25 0.00	19.74 0.99 0.00	21.73 0.92 0.00	25.73 0.93 0.00	33.84 1.38 0.00	24.70 1.06 0.00	23.80 0.77 -0.23	25.57 0.92 0.03	24.39 0.82 5.44	26.69 1.04 8.96	28.67 1.31 12.02	28.49 1.54 15.61	158.36 6.81 -26.51	62.53 3.66 -2.82	73.38 3.47 0.00	65.22 3.12 0.00	57.86 2.53 0.00	26.25 1.11 12.05	30.46 0.85 2.72	23.18 0.78 0.00	29.19 1.31 0.00
NORTHPORT___IC 23718	19.83 1.53 0.00	17.17 1.39 0.00	19.66 1.45 0.00	19.49 1.49 0.00	19.97 1.22 0.00	21.98 1.17 0.00	26.01 1.20 0.00	34.23 1.76 0.00	24.99 1.35 0.00	24.03 1.00 -0.23	25.78 1.13 0.03	24.62 1.02 5.41	26.91 1.28 8.97	28.98 1.65 12.05	28.79 1.87 15.64	159.67 8.09 -26.55	62.97 4.10 -2.82	73.65 3.74 0.00	65.55 3.46 0.00	57.94 2.60 0.00	26.30 1.19 12.07	30.55 0.94 2.72	23.23 0.82 0.00	29.28 1.40 0.00
NORTH___COUNTRY_ESR 323785	-8.69 -0.56 26.43	-6.88 -0.53 22.14	-9.22 -0.55 26.88	-9.22 -0.56 26.65	-9.26 -0.58 27.42	-9.40 -0.63 29.59	-9.41 -0.74 33.48	-10.14 -0.80 41.80	-9.57 -0.57 32.64	-9.51 -0.50 31.82	-9.64 -0.57 33.75	-9.91 -0.66 38.26	-9.99 -0.79 43.81	-11.61 -0.85 50.14	-23.80 -0.96 65.40	-25.08 -3.44 146.68	37.78 -1.33 16.93	68.94 -0.96 0.00	62.04 -0.06 0.00	56.11 0.77 0.00	37.94 0.76 0.00	32.98 0.65 0.00	22.89 0.49 0.00	28.54 0.67 0.00
NPX_GEN_1385_PROXY 323591	19.99 1.69 0.00	17.39 1.60 0.00	19.84 1.64 0.00	19.91 1.90 0.00	20.29 1.54 0.00	22.40 1.59 0.00	26.44 1.63 0.00	34.94 2.48 0.00	25.66 2.02 0.00	24.32 1.28 -0.23	25.71 1.06 0.03	24.15 0.55 5.41	26.74 1.12 8.98	29.08 1.74 12.05	29.39 2.47 15.64	168.91 11.70 -32.17	64.25 5.39 -2.82	73.52 3.61 0.00	66.57 4.47 0.00	58.52 3.19 0.00	27.01 1.89 12.07	31.02 1.41 2.72	23.35 0.95 0.00	29.27 1.39 0.00
NPX_GEN_CSC 323557	19.90 1.59 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.54 1.54 0.00	20.06 1.31 0.00	22.06 1.25 0.00	26.19 1.38 0.00	34.44 1.98 0.00	25.07 1.43 0.00	24.09 1.06 -0.23	25.77 1.12 0.03	24.66 0.98 5.32	27.07 1.36 8.90	29.20 1.77 11.95	29.18 2.13 15.52	160.29 8.69 -26.56	63.30 4.39 -2.86	73.34 3.43 0.00	64.74 2.65 0.00	57.62 2.29 0.00	26.31 1.09 11.97	30.89 1.27 2.70	23.42 1.02 0.00	29.46 1.59 0.00
NSINS_S___GLNS_FALLS 23858	19.15 0.84 0.00	16.52 0.73 0.00	19.03 0.83 0.00	18.87 0.87 0.00	19.63 0.88 0.00	21.92 1.11 0.00	26.16 1.36 0.00	34.30 1.84 0.00	24.81 1.17 0.00	23.87 0.99 -0.07	25.77 1.09 0.00	30.30 1.30 0.00	36.16 1.55 0.00	41.44 2.06 0.00	44.87 2.31 0.00	140.43 6.68 -8.71	59.30 3.26 0.00	74.18 4.27 0.00	65.86 3.76 0.00	58.24 2.91 0.00	39.17 1.99 0.00	34.01 1.67 0.00	23.41 1.00 0.00	28.92 1.04 0.00
NUCOR_STEEL___DRP 24197	18.03 -0.27 0.00	15.54 -0.25 0.00	17.94 -0.27 0.00	17.75 -0.25 0.00	18.50 -0.24 0.00	20.56 -0.26 0.00	24.56 -0.24 0.00	32.04 -0.42 0.00	23.36 -0.28 0.00	22.58 -0.22 0.00	24.45 -0.23 0.00	28.73 -0.27 0.00	34.26 -0.35 0.00	38.91 -0.47 0.00	42.03 -0.54 0.00	123.50 -1.53 0.00	55.51 -0.53 0.00	69.23 -0.68 0.00	61.39 -0.71 0.00	54.66 -0.67 0.00	36.58 -0.61 0.00	31.75 -0.58 0.00	22.05 -0.35 0.00	27.51 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	22.26 -0.59 -4.55	19.07 -0.53 -3.81	22.23 -0.60 -4.63	22.02 -0.57 -4.59	22.89 -0.58 -4.72	25.43 -0.48 -5.10	29.61 -0.44 -5.25	39.08 -0.58 -7.20	28.88 -0.39 -5.62	27.98 -0.30 -5.48	30.37 -0.13 -5.81	35.66 0.07 -6.59	41.97 -0.18 -7.54	47.61 -0.41 -8.64	53.48 -0.34 -11.26	151.40 1.10 -25.26	59.85 0.89 -2.92	71.08 1.18 0.00	63.20 1.11 0.00	56.73 1.40 0.00	38.14 0.95 0.00	33.22 0.89 0.00	23.11 0.71 0.00	28.80 0.92 0.00
NYISO_LBMP_REFERENCE 24008	18.30 0.00 0.00	15.79 0.00 0.00	18.20 0.00 0.00	18.00 0.00 0.00	18.75 0.00 0.00	20.81 0.00 0.00	24.80 0.00 0.00	32.46 0.00 0.00	23.64 0.00 0.00	22.80 0.00 0.00	24.68 0.00 0.00	29.00 0.00 0.00	34.61 0.00 0.00	39.38 0.00 0.00	42.56 0.00 0.00	125.04 0.00 0.00	56.04 0.00 0.00	69.91 0.00 0.00	62.10 0.00 0.00	55.33 0.00 0.00	37.19 0.00 0.00	32.33 0.00 0.00	22.40 0.00 0.00	27.88 0.00 0.00

NYPA_BRENTWD____GT 24164	19.98 1.67 0.00	17.29 1.50 0.00	19.79 1.59 0.00	19.61 1.61 0.00	20.13 1.38 0.00	22.17 1.36 0.00	26.29 1.49 0.00	34.59 2.13 0.00	25.23 1.59 0.00	24.28 1.25 -0.23	26.04 1.39 0.03	25.13 1.36 5.23	27.49 1.71 8.82	29.63 2.11 11.86	29.57 2.41 15.40	161.15 9.52 -26.59	63.61 4.66 -2.91	74.25 4.34 0.00	66.00 3.90 0.00	58.53 3.20 0.00	27.02 1.71 11.88	31.04 1.39 2.68	23.52 1.12 0.00	29.58 1.71 0.00
NYPA_GOWANUS____GT5 24156	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.31 0.00	164.59 9.81 -29.73	60.86 4.81 0.00	75.62 5.72 0.00	66.75 4.65 0.00	59.23 3.90 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NYPA_GOWANUS____GT6 24157	19.65 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.85 1.10 0.00	22.15 1.34 0.00	26.50 1.70 0.00	34.91 2.44 0.00	25.42 1.78 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.23 2.63 0.00	42.35 2.97 0.00	45.88 3.31 0.00	164.59 9.81 -29.73	60.86 4.81 0.00	75.62 5.72 0.00	66.75 4.65 0.00	59.23 3.90 0.00	39.88 2.69 0.00	34.70 2.38 0.00	23.94 1.53 0.00	29.62 1.75 0.00
NYPA_HARLEM__RVR__GT1 24160	19.54 1.24 0.00	16.80 1.01 0.00	19.31 1.11 0.00	19.11 1.10 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.35 1.71 0.00	24.59 1.56 -0.23	26.49 1.81 0.00	31.13 2.13 0.00	37.11 2.50 0.00	42.24 2.86 0.00	45.70 3.14 0.00	164.04 9.26 -29.73	60.55 4.50 0.00	75.19 5.29 0.00	66.36 4.26 0.00	58.89 3.55 0.00	39.72 2.54 0.00	34.52 2.19 0.00	23.81 1.41 0.00	29.47 1.60 0.00
NYPA_HARLEM__RVR__GT2 24161	19.54 1.24 0.00	16.80 1.01 0.00	19.31 1.11 0.00	19.11 1.10 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.35 1.71 0.00	24.59 1.56 -0.23	26.49 1.81 0.00	31.13 2.13 0.00	37.11 2.50 0.00	42.24 2.86 0.00	45.70 3.14 0.00	164.04 9.26 -29.73	60.55 4.50 0.00	75.19 5.29 0.00	66.36 4.26 0.00	58.89 3.55 0.00	39.72 2.54 0.00	34.52 2.19 0.00	23.81 1.41 0.00	29.47 1.60 0.00
NYPA_KENT____GT 24152	19.62 1.32 0.00	16.86 1.08 0.00	19.37 1.17 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.14 1.33 0.00	26.49 1.68 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.24 2.63 0.00	42.37 2.99 0.00	45.87 3.31 0.00	164.54 9.76 -29.73	60.81 4.76 0.00	75.54 5.64 0.00	66.66 4.56 0.00	59.14 3.81 0.00	39.83 2.64 0.00	34.66 2.33 0.00	23.91 1.51 0.00	29.59 1.71 0.00
NYPA_POUCH1____GT 24155	19.67 1.36 0.00	16.88 1.10 0.00	19.34 1.13 0.00	19.12 1.12 0.00	19.80 1.06 0.00	22.11 1.29 0.00	26.44 1.64 0.00	34.81 2.35 0.00	25.35 1.71 0.00	24.59 1.56 -0.23	26.48 1.80 0.00	31.13 2.13 0.00	37.07 2.47 0.00	42.20 2.83 0.00	45.83 3.27 0.00	164.25 9.47 -29.73	60.72 4.68 0.00	75.44 5.53 0.00	66.61 4.51 0.00	59.13 3.80 0.00	39.81 2.62 0.00	34.67 2.34 0.00	23.93 1.53 0.00	29.62 1.74 0.00
NYPA_VERNON____GT2 24162	19.60 1.29 0.00	16.85 1.06 0.00	19.37 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.47 1.67 0.00	34.88 2.41 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.23 0.00	37.24 2.63 0.00	42.40 3.02 0.00	45.88 3.31 0.00	164.53 9.76 -29.73	60.79 4.75 0.00	75.52 5.62 0.00	66.62 4.52 0.00	59.11 3.78 0.00	39.79 2.60 0.00	34.62 2.29 0.00	23.88 1.48 0.00	29.55 1.68 0.00
NYPA_VERNON____GT3 24163	19.60 1.29 0.00	16.85 1.06 0.00	19.37 1.16 0.00	19.16 1.16 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.47 1.67 0.00	34.88 2.41 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.23 0.00	37.24 2.63 0.00	42.40 3.02 0.00	45.88 3.31 0.00	164.53 9.76 -29.73	60.79 4.75 0.00	75.52 5.62 0.00	66.62 4.52 0.00	59.11 3.78 0.00	39.79 2.60 0.00	34.62 2.29 0.00	23.88 1.48 0.00	29.55 1.68 0.00
NYPA__ASTORIA_CC1 323568	19.57 1.26 0.00	16.82 1.04 0.00	19.33 1.13 0.00	19.13 1.12 0.00	19.80 1.06 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.35 0.00	25.35 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.16 2.56 0.00	42.32 2.94 0.00	45.78 3.22 0.00	164.27 9.50 -29.73	60.66 4.62 0.00	75.37 5.47 0.00	66.48 4.38 0.00	59.00 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
NYPA__ASTORIA_CC2 323569	19.57 1.26 0.00	16.82 1.04 0.00	19.33 1.13 0.00	19.13 1.12 0.00	19.80 1.06 0.00	22.09 1.28 0.00	26.43 1.62 0.00	34.81 2.35 0.00	25.35 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.16 2.56 0.00	42.32 2.94 0.00	45.78 3.22 0.00	164.27 9.50 -29.73	60.66 4.62 0.00	75.37 5.47 0.00	66.48 4.38 0.00	59.00 3.66 0.00	39.72 2.53 0.00	34.54 2.21 0.00	23.83 1.43 0.00	29.49 1.61 0.00
NYPA__HOLTSVILL 23794	19.86 1.56 0.00	17.20 1.42 0.00	19.69 1.49 0.00	19.51 1.51 0.00	20.02 1.27 0.00	22.01 1.20 0.00	26.09 1.29 0.00	34.32 1.86 0.00	25.04 1.39 0.00	24.08 1.05 -0.23	25.80 1.15 0.03	24.73 1.05 5.33	27.08 1.38 8.90	29.17 1.75 11.96	29.06 2.03 15.53	159.69 8.10 -26.55	63.03 4.13 -2.86	73.75 3.85 0.00	65.48 3.39 0.00	57.98 2.65 0.00	26.47 1.27 11.99	30.71 1.09 2.71	23.32 0.92 0.00	29.37 1.50 0.00
NYPA__HELLGATE_GT1 24158	19.54 1.24 0.00	16.80 1.01 0.00	19.31 1.11 0.00	19.11 1.10 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.35 1.71 0.00	24.59 1.56 -0.23	26.49 1.81 0.00	31.13 2.13 0.00	37.11 2.50 0.00	42.24 2.86 0.00	45.70 3.14 0.00	164.04 9.27 -29.73	60.59 4.54 0.00	75.26 5.35 0.00	66.41 4.31 0.00	58.88 3.55 0.00	39.71 2.52 0.00	34.52 2.19 0.00	23.81 1.41 0.00	29.47 1.60 0.00
NYPA__HELLGATE_GT2 24159	19.54 1.24 0.00	16.80 1.01 0.00	19.31 1.11 0.00	19.11 1.10 0.00	19.80 1.05 0.00	22.09 1.28 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.35 1.71 0.00	24.59 1.56 -0.23	26.49 1.81 0.00	31.13 2.13 0.00	37.11 2.50 0.00	42.24 2.86 0.00	45.70 3.14 0.00	164.04 9.27 -29.73	60.59 4.54 0.00	75.26 5.35 0.00	66.41 4.31 0.00	58.88 3.55 0.00	39.71 2.52 0.00	34.52 2.19 0.00	23.81 1.41 0.00	29.47 1.60 0.00
NYS_BARGE__HYD 23848	16.84 -1.46 0.00	14.49 -1.29 0.00	16.91 -1.30 0.00	16.72 -1.28 0.00	17.45 -1.30 0.00	19.41 -1.40 0.00	23.27 -1.54 0.00	29.86 -2.60 0.00	22.04 -1.60 0.00	21.52 -1.28 0.00	23.06 -1.61 0.00	26.97 -2.03 0.00	32.10 -2.51 0.00	36.11 -3.28 0.00	38.84 -3.72 0.00	113.19 -11.85 0.00	51.51 -4.53 0.00	64.52 -5.39 0.00	57.16 -4.94 0.00	50.99 -4.34 0.00	33.81 -3.38 0.00	29.40 -2.93 0.00	20.89 -1.52 0.00	26.53 -1.35 0.00

OAK ORCHARD___HYD 24046	17.46 -0.84 0.00	15.03 -0.75 0.00	17.44 -0.76 0.00	17.25 -0.75 0.00	17.99 -0.75 0.00	20.01 -0.80 0.00	23.95 -0.86 0.00	31.03 -1.43 0.00	22.76 -0.88 0.00	22.14 -0.66 0.00	23.86 -0.82 0.00	27.96 -1.04 0.00	33.30 -1.31 0.00	37.63 -1.75 0.00	40.54 -2.02 0.00	118.61 -6.43 0.00	53.59 -2.46 0.00	66.99 -2.91 0.00	59.39 -2.70 0.00	52.88 -2.46 0.00	35.20 -1.99 0.00	30.55 -1.78 0.00	21.41 -0.99 0.00	26.94 -0.93 0.00
OAKDALE___35_KV_LOAD 356122	18.03 -0.27 0.00	15.54 -0.25 0.00	17.95 -0.25 0.00	17.77 -0.23 0.00	18.53 -0.21 0.00	20.57 -0.24 0.00	24.58 -0.22 0.00	32.14 -0.32 0.00	23.43 -0.21 0.00	22.69 -0.11 0.00	24.62 -0.06 0.00	28.97 -0.04 0.00	34.56 -0.05 0.00	39.16 -0.22 0.00	42.28 -0.28 0.00	124.35 -0.69 0.00	55.85 -0.20 0.00	69.41 -0.49 0.00	61.55 -0.54 0.00	54.93 -0.41 0.00	36.73 -0.46 0.00	31.86 -0.47 0.00	22.14 -0.26 0.00	27.67 -0.20 0.00
OCC_CHEM___DRP 24175	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.54 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.11 -1.70 0.00	22.87 -1.94 0.00	29.30 -3.16 0.00	21.62 -2.02 0.00	21.15 -1.66 0.00	22.63 -2.04 0.00	26.44 -2.56 0.00	31.49 -3.12 0.00	35.40 -3.98 0.00	38.06 -4.50 0.00	110.93 -14.11 0.00	50.37 -5.68 0.00	63.10 -6.81 0.00	55.85 -6.25 0.00	49.85 -5.48 0.00	33.08 -4.11 0.00	28.79 -3.54 0.00	20.48 -1.93 0.00	26.05 -1.83 0.00
OH_GEN_PROXY 24063	16.76 -1.54 0.00	14.44 -1.35 0.00	16.83 -1.37 0.00	16.65 -1.35 0.00	17.37 -1.38 0.00	19.30 -1.51 0.00	23.09 -1.72 0.00	29.69 -2.78 0.00	21.87 -1.77 0.00	21.36 -1.44 0.00	22.91 -1.77 0.00	26.82 -2.18 0.00	31.95 -2.66 0.00	35.94 -3.44 0.00	38.64 -3.92 0.00	112.65 -12.38 0.00	51.18 -4.87 0.00	63.99 -5.91 0.00	56.72 -5.37 0.00	50.61 -4.73 0.00	33.56 -3.63 0.00	29.18 -3.14 0.00	20.70 -1.71 0.00	26.29 -1.58 0.00
OLIN_CORP_DRP 24177	16.57 -1.73 0.00	14.27 -1.51 0.00	16.65 -1.55 0.00	16.47 -1.54 0.00	17.19 -1.56 0.00	19.11 -1.70 0.00	22.87 -1.93 0.00	29.32 -3.14 0.00	21.63 -2.01 0.00	21.14 -1.66 0.00	22.63 -2.04 0.00	26.45 -2.55 0.00	31.50 -3.11 0.00	35.41 -3.97 0.00	38.09 -4.47 0.00	110.98 -14.06 0.00	50.43 -5.61 0.00	63.19 -6.71 0.00	55.98 -6.12 0.00	49.96 -5.37 0.00	33.15 -4.03 0.00	28.85 -3.48 0.00	20.53 -1.87 0.00	26.10 -1.77 0.00
OLIN_CORP_DSASP 323712	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.53 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.12 -1.69 0.00	22.87 -1.93 0.00	29.31 -3.15 0.00	21.62 -2.02 0.00	21.13 -1.68 0.00	22.62 -2.06 0.00	26.43 -2.57 0.00	31.47 -3.14 0.00	35.39 -4.00 0.00	38.04 -4.52 0.00	110.84 -14.20 0.00	50.37 -5.67 0.00	63.08 -6.83 0.00	55.85 -6.24 0.00	49.85 -5.49 0.00	33.07 -4.12 0.00	28.79 -3.55 0.00	20.47 -1.93 0.00	26.05 -1.83 0.00
ONEIDA_HERK_LFGE 323681	20.35 -0.04 -2.09	17.49 -0.04 -1.75	20.28 -0.05 -2.12	20.07 -0.04 -2.10	20.90 -0.01 -2.16	23.24 0.09 -2.33	27.50 0.20 -2.49	36.02 0.26 -3.30	26.43 0.21 -2.58	25.57 0.25 -2.51	27.72 0.38 -2.67	32.54 0.51 -3.02	38.55 0.48 -3.46	43.82 0.48 -3.96	48.33 0.60 -5.16	139.18 2.56 -11.58	58.72 1.34 -1.34	71.59 1.69 0.00	63.54 1.44 0.00	56.74 1.40 0.00	38.10 0.92 0.00	33.13 0.80 0.00	22.98 0.57 0.00	28.58 0.70 0.00
ONEIDA___115KV_TB4 55905	19.39 0.21 -0.88	16.70 0.17 -0.74	19.29 0.20 -0.89	19.11 0.21 -0.89	19.96 0.30 -0.91	22.20 0.40 -0.98	26.43 0.58 -1.05	34.59 0.74 -1.39	25.30 0.58 -1.09	24.46 0.60 -1.06	26.52 0.72 -1.12	31.12 0.85 -1.27	37.02 0.96 -1.46	42.14 1.09 -1.67	45.96 1.23 -2.18	133.71 3.79 -4.88	58.34 1.73 -0.56	71.83 1.93 0.00	63.66 1.56 0.00	56.71 1.38 0.00	38.02 0.83 0.00	33.00 0.67 0.00	22.86 0.46 0.00	28.43 0.55 0.00
ONONDAGA_REF_OCCRA 23987	18.04 -0.26 0.00	15.55 -0.24 0.00	17.94 -0.26 0.00	17.76 -0.25 0.00	18.50 -0.24 0.00	20.55 -0.26 0.00	24.53 -0.27 0.00	32.01 -0.45 0.00	23.34 -0.29 0.00	22.57 -0.23 0.00	24.43 -0.26 0.00	28.71 -0.29 0.00	34.24 -0.36 0.00	38.89 -0.49 0.00	42.02 -0.54 0.00	123.50 -1.54 0.00	55.42 -0.62 0.00	69.10 -0.81 0.00	61.28 -0.82 0.00	54.57 -0.76 0.00	36.56 -0.63 0.00	31.76 -0.57 0.00	22.04 -0.36 0.00	27.48 -0.40 0.00
ONONDAGA___COGEN 23986	18.03 -0.28 0.00	15.53 -0.25 0.00	17.92 -0.28 0.00	17.74 -0.27 0.00	18.48 -0.27 0.00	20.51 -0.30 0.00	24.48 -0.33 0.00	31.93 -0.53 0.00	23.27 -0.37 0.00	22.49 -0.31 0.00	24.35 -0.33 0.00	28.61 -0.39 0.00	34.13 -0.48 0.00	38.75 -0.63 0.00	41.87 -0.69 0.00	123.01 -2.03 0.00	55.24 -0.80 0.00	68.91 -1.00 0.00	61.11 -0.99 0.00	54.40 -0.93 0.00	36.45 -0.73 0.00	31.67 -0.66 0.00	21.99 -0.41 0.00	27.40 -0.48 0.00
ONTARIO___LFGE 23819	17.72 -0.59 0.00	15.25 -0.53 0.00	17.64 -0.56 0.00	17.46 -0.54 0.00	18.22 -0.53 0.00	20.29 -0.52 0.00	24.37 -0.43 0.00	31.85 -0.61 0.00	23.22 -0.42 0.00	22.51 -0.30 0.00	24.39 -0.29 0.00	28.66 -0.34 0.00	34.10 -0.51 0.00	38.64 -0.74 0.00	41.87 -0.69 0.00	122.91 -2.13 0.00	55.47 -0.57 0.00	69.00 -0.91 0.00	61.23 -0.86 0.00	54.60 -0.74 0.00	36.36 -0.83 0.00	31.52 -0.81 0.00	21.92 -0.48 0.00	27.43 -0.45 0.00
ORANGEVILLE_WT_PWR 323706	16.66 -1.64 0.00	14.34 -1.45 0.00	16.69 -1.51 0.00	16.53 -1.48 0.00	17.27 -1.48 0.00	19.25 -1.56 0.00	23.14 -1.67 0.00	30.06 -2.40 0.00	21.91 -1.74 0.00	21.27 -1.53 0.00	22.97 -1.71 0.00	26.97 -2.03 0.00	32.32 -2.29 0.00	36.49 -2.89 0.00	39.64 -2.92 0.00	116.44 -8.60 0.00	53.01 -3.03 0.00	66.02 -3.88 0.00	58.68 -3.42 0.00	52.44 -2.90 0.00	34.77 -2.42 0.00	30.12 -2.21 0.00	21.20 -1.20 0.00	26.87 -1.01 0.00
ORANGEVILLE___ESR 323794	16.66 -1.64 0.00	14.34 -1.45 0.00	16.69 -1.51 0.00	16.53 -1.48 0.00	17.27 -1.48 0.00	19.25 -1.56 0.00	23.14 -1.67 0.00	30.06 -2.40 0.00	21.91 -1.74 0.00	21.27 -1.53 0.00	22.97 -1.71 0.00	26.97 -2.03 0.00	32.32 -2.29 0.00	36.49 -2.89 0.00	39.64 -2.92 0.00	116.44 -8.60 0.00	53.01 -3.03 0.00	66.02 -3.88 0.00	58.68 -3.42 0.00	52.44 -2.90 0.00	34.77 -2.42 0.00	30.12 -2.21 0.00	21.20 -1.20 0.00	26.87 -1.01 0.00
OSWEGATCHIE___HYD 24044	28.49 -0.28 -10.47	24.28 -0.27 -8.77	28.58 -0.27 -10.64	28.27 -0.29 -10.56	29.31 -0.30 -10.86	32.39 -0.14 -11.72	36.78 0.03 -11.94	49.12 0.10 -16.55	36.66 0.09 -12.92	35.48 0.08 -12.60	38.30 0.26 -13.37	44.52 0.37 -15.15	52.01 0.06 -17.35	59.19 -0.04 -19.86	68.51 0.05 -25.90	184.85 1.73 -58.08	64.21 1.47 -6.70	72.34 2.44 0.00	64.50 2.41 0.00	57.99 2.66 0.00	38.97 1.78 0.00	33.85 1.52 0.00	23.48 1.09 0.00	29.26 1.39 0.00
OSWEGO___5 23606	17.78 -0.53 0.00	15.32 -0.46 0.00	17.68 -0.52 0.00	17.50 -0.51 0.00	18.22 -0.53 0.00	20.22 -0.59 0.00	24.10 -0.70 0.00	31.41 -1.05 0.00	22.91 -0.73 0.00	22.13 -0.67 0.00	23.94 -0.73 0.00	28.14 -0.86 0.00	33.54 -1.07 0.00	38.11 -1.27 0.00	41.18 -1.39 0.00	121.01 -4.03 0.00	54.31 -1.73 0.00	67.73 -2.18 0.00	60.10 -2.00 0.00	53.52 -1.82 0.00	35.90 -1.29 0.00	31.21 -1.13 0.00	21.67 -0.73 0.00	27.01 -0.87 0.00

OSWEGO___6 23613	17.78 -0.53 0.00	15.32 -0.46 0.00	17.68 -0.52 0.00	17.50 -0.51 0.00	18.22 -0.53 0.00	20.22 -0.59 0.00	24.10 -0.70 0.00	31.41 -1.05 0.00	22.91 -0.73 0.00	22.13 -0.67 0.00	23.94 -0.73 0.00	28.14 -0.86 0.00	33.54 -1.07 0.00	38.11 -1.27 0.00	41.18 -1.39 0.00	121.01 -4.03 0.00	54.31 -1.73 0.00	67.73 -2.18 0.00	60.10 -2.00 0.00	53.52 -1.82 0.00	35.90 -1.29 0.00	31.21 -1.13 0.00	21.67 -0.73 0.00	27.01 -0.87 0.00
OUTOKUMPU-AB___DRP 24206	16.98 -1.32 0.00	14.63 -1.16 0.00	17.04 -1.16 0.00	16.85 -1.15 0.00	17.58 -1.16 0.00	19.57 -1.24 0.00	23.45 -1.35 0.00	30.14 -2.33 0.00	22.22 -1.42 0.00	21.73 -1.07 0.00	23.31 -1.36 0.00	27.27 -1.74 0.00	32.48 -2.13 0.00	36.54 -2.84 0.00	39.31 -3.25 0.00	114.69 -10.35 0.00	52.14 -3.90 0.00	65.29 -4.62 0.00	57.82 -4.27 0.00	51.61 -3.73 0.00	34.22 -2.97 0.00	29.74 -2.60 0.00	21.09 -1.31 0.00	26.80 -1.08 0.00
OXBOW___BTM 323836	16.81 -1.49 0.00	14.48 -1.30 0.00	16.88 -1.32 0.00	16.70 -1.30 0.00	17.42 -1.33 0.00	19.38 -1.43 0.00	23.22 -1.59 0.00	29.79 -2.68 0.00	21.97 -1.67 0.00	21.48 -1.33 0.00	23.02 -1.66 0.00	26.91 -2.09 0.00	32.05 -2.56 0.00	36.04 -3.34 0.00	38.76 -3.81 0.00	113.05 -11.99 0.00	51.38 -4.66 0.00	64.32 -5.59 0.00	56.97 -5.13 0.00	50.84 -4.50 0.00	33.71 -3.48 0.00	29.32 -3.01 0.00	20.82 -1.58 0.00	26.47 -1.40 0.00
OXBOW____ 24026	16.81 -1.49 0.00	14.49 -1.30 0.00	16.88 -1.32 0.00	16.70 -1.30 0.00	17.42 -1.33 0.00	19.38 -1.43 0.00	23.21 -1.60 0.00	29.78 -2.68 0.00	21.97 -1.67 0.00	21.49 -1.31 0.00	23.03 -1.65 0.00	26.92 -2.09 0.00	32.06 -2.55 0.00	36.06 -3.32 0.00	38.77 -3.79 0.00	113.06 -11.98 0.00	51.37 -4.67 0.00	64.33 -5.58 0.00	56.97 -5.13 0.00	50.84 -4.49 0.00	33.73 -3.46 0.00	29.33 -3.00 0.00	20.82 -1.58 0.00	26.48 -1.40 0.00
OXY_CHEM_DSASP 323612	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.54 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.11 -1.70 0.00	22.87 -1.94 0.00	29.30 -3.16 0.00	21.62 -2.02 0.00	21.15 -1.66 0.00	22.63 -2.04 0.00	26.44 -2.56 0.00	31.49 -3.12 0.00	35.40 -3.98 0.00	38.06 -4.50 0.00	110.93 -14.11 0.00	50.37 -5.68 0.00	63.10 -6.81 0.00	55.85 -6.25 0.00	49.85 -5.48 0.00	33.08 -4.11 0.00	28.79 -3.54 0.00	20.48 -1.93 0.00	26.05 -1.83 0.00
OZONE_PARK_ESR 323760	19.72 1.42 0.00	16.95 1.17 0.00	19.50 1.30 0.00	19.29 1.29 0.00	19.98 1.23 0.00	22.29 1.48 0.00	26.67 1.87 0.00	35.14 2.68 0.00	25.59 1.95 0.00	24.84 1.81 -0.23	26.76 2.09 0.00	31.47 2.47 0.00	37.54 2.94 0.00	42.79 3.40 0.00	46.29 3.73 0.00	165.87 11.10 -29.74	61.38 5.33 0.00	76.29 6.38 0.00	67.31 5.22 0.00	59.72 4.38 0.00	40.12 2.93 0.00	34.89 2.56 0.00	24.08 1.68 0.00	29.80 1.92 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.54 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.11 -1.70 0.00	22.87 -1.94 0.00	29.30 -3.16 0.00	21.62 -2.02 0.00	21.15 -1.66 0.00	22.63 -2.04 0.00	26.44 -2.56 0.00	31.49 -3.12 0.00	35.40 -3.98 0.00	38.06 -4.50 0.00	110.93 -14.11 0.00	50.37 -5.68 0.00	63.10 -6.81 0.00	55.85 -6.25 0.00	49.85 -5.48 0.00	33.08 -4.11 0.00	28.79 -3.54 0.00	20.48 -1.93 0.00	26.05 -1.83 0.00
PACKARD__115KV_DUPONT_184 80571	16.58 -1.72 0.00	14.29 -1.50 0.00	16.67 -1.54 0.00	16.48 -1.52 0.00	17.19 -1.55 0.00	19.11 -1.70 0.00	22.87 -1.94 0.00	29.30 -3.16 0.00	21.62 -2.02 0.00	21.15 -1.66 0.00	22.63 -2.04 0.00	26.44 -2.56 0.00	31.49 -3.12 0.00	35.40 -3.98 0.00	38.06 -4.50 0.00	110.93 -14.11 0.00	50.37 -5.68 0.00	63.10 -6.81 0.00	55.85 -6.25 0.00	49.85 -5.48 0.00	33.08 -4.11 0.00	28.79 -3.54 0.00	20.48 -1.93 0.00	26.05 -1.83 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.51 1.21 0.00	16.78 0.99 0.00	19.30 1.10 0.00	19.09 1.08 0.00	19.77 1.03 0.00	22.07 1.26 0.00	26.40 1.59 0.00	34.76 2.30 0.00	25.30 1.66 0.00	24.53 1.50 -0.23	26.42 1.74 0.00	31.05 2.05 0.00	37.01 2.40 0.00	42.16 2.78 0.00	45.64 3.08 0.00	163.80 9.03 -29.73	60.50 4.46 0.00	75.18 5.27 0.00	66.37 4.27 0.00	58.91 3.57 0.00	39.67 2.48 0.00	34.45 2.12 0.00	23.77 1.37 0.00	29.42 1.54 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.51 1.21 0.00	16.79 1.01 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.81 1.07 0.00	22.13 1.31 0.00	26.47 1.66 0.00	34.83 2.37 0.00	25.34 1.70 0.00	24.55 1.52 -0.23	26.42 1.74 0.00	31.05 2.05 0.00	37.01 2.40 0.00	42.18 2.80 0.00	45.65 3.09 0.00	164.03 9.26 -29.73	60.52 4.47 0.00	75.25 5.34 0.00	66.44 4.35 0.00	58.97 3.63 0.00	39.71 2.52 0.00	34.46 2.13 0.00	23.77 1.37 0.00	29.44 1.56 0.00
PATROON__115KV_TB1 80586	18.88 0.58 0.00	16.33 0.55 0.00	18.77 0.57 0.00	18.57 0.56 0.00	19.34 0.59 0.00	21.48 0.67 0.00	25.64 0.83 0.00	33.59 1.12 0.00	24.39 0.75 0.00	23.53 0.65 -0.07	25.38 0.70 0.00	29.83 0.83 0.00	35.60 1.00 0.00	40.66 1.28 0.00	44.04 1.48 0.00	138.77 4.66 -9.07	58.15 2.11 0.00	72.55 2.65 0.00	64.31 2.22 0.00	57.04 1.71 0.00	38.44 1.25 0.00	33.36 1.03 0.00	22.86 0.46 0.00	28.31 0.43 0.00
PATTRSNVILLE__SOLAR 323815	18.92 0.62 0.00	16.33 0.54 0.00	18.82 0.62 0.00	18.62 0.62 0.00	19.40 0.65 0.00	21.55 0.74 0.00	25.74 0.94 0.00	33.67 1.21 0.00	24.37 0.73 0.00	23.54 0.67 -0.06	25.46 0.78 0.00	29.95 0.94 0.00	35.70 1.10 0.00	40.71 1.33 0.00	44.14 1.58 0.00	137.92 4.71 -8.17	58.34 2.30 0.00	72.81 2.91 0.00	64.57 2.47 0.00	57.39 2.06 0.00	38.59 1.40 0.00	33.53 1.20 0.00	23.17 0.77 0.00	28.78 0.90 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.42 -0.88 0.00	15.00 -0.79 0.00	17.47 -0.74 0.00	17.27 -0.73 0.00	18.04 -0.71 0.00	20.06 -0.75 0.00	24.02 -0.78 0.00	31.00 -1.47 0.00	22.80 -0.84 0.00	22.30 -0.51 0.00	23.99 -0.68 0.00	28.15 -0.85 0.00	33.59 -1.02 0.00	37.82 -1.56 0.00	40.70 -1.86 0.00	119.02 -6.01 0.00	54.35 -1.70 0.00	67.76 -2.15 0.00	60.09 -2.01 0.00	53.66 -1.67 0.00	35.57 -1.62 0.00	30.88 -1.45 0.00	21.80 -0.60 0.00	27.63 -0.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.51 1.21 0.00	16.79 1.00 0.00	19.31 1.11 0.00	19.11 1.11 0.00	19.83 1.08 0.00	22.10 1.29 0.00	26.44 1.63 0.00	34.77 2.31 0.00	25.28 1.64 0.00	24.36 1.48 -0.07	26.34 1.67 0.00	30.97 1.96 0.00	37.01 2.40 0.00	42.22 2.83 0.00	45.72 3.16 0.00	143.75 9.76 -8.94	60.72 4.68 0.00	75.63 5.72 0.00	66.84 4.74 0.00	59.27 3.94 0.00	39.79 2.60 0.00	34.57 2.24 0.00	23.83 1.42 0.00	29.49 1.62 0.00
PEEKSKILL____ 23653	19.39 1.09 0.00	16.68 0.89 0.00	19.19 0.98 0.00	18.98 0.98 0.00	19.69 0.94 0.00	21.95 1.14 0.00	26.21 1.41 0.00	34.48 2.01 0.00	25.08 1.45 0.00	24.36 1.30 -0.25	26.17 1.50 0.00	30.80 1.80 0.00	36.77 2.17 0.00	41.93 2.55 0.00	45.38 2.81 0.00	164.72 8.52 -31.15	60.16 4.12 0.00	74.79 4.88 0.00	66.07 3.97 0.00	58.61 3.28 0.00	39.37 2.18 0.00	34.25 1.91 0.00	23.64 1.24 0.00	29.29 1.41 0.00

PGE MADISON___WINDPWR 24146	18.68 0.38 0.00	16.06 0.27 0.00	18.56 0.36 0.00	18.31 0.30 0.00	19.15 0.40 0.00	21.40 0.59 0.00	25.75 0.95 0.00	33.89 1.43 0.00	24.68 1.04 0.00	23.95 1.19 0.04	25.85 1.17 0.00	30.69 1.69 0.00	36.42 1.82 0.00	41.47 2.09 0.00	45.04 2.48 0.00	127.55 7.38 4.87	59.89 3.85 0.00	74.66 4.75 0.00	66.38 4.28 0.00	59.34 4.00 0.00	39.51 2.32 0.00	34.10 1.78 0.00	23.56 1.16 0.00	29.26 1.38 0.00
PIERCEFIELD___HYD 23852	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.78 0.03 -16.00	38.31 0.23 -17.27	42.87 0.51 -17.56	57.65 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.05 0.68 -19.70	52.07 0.75 -22.32	60.58 0.42 -25.56	69.09 0.45 -29.26	81.35 0.63 -38.16	213.48 2.86 -85.59	68.11 2.18 -9.88	73.66 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.65 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
PINELAWN_CC_1 323563	19.87 1.56 0.00	17.18 1.39 0.00	19.68 1.47 0.00	19.49 1.48 0.00	20.02 1.27 0.00	22.09 1.27 0.00	26.07 1.27 0.00	34.20 1.74 0.00	24.91 1.27 0.00	23.98 0.95 -0.23	25.73 1.07 0.03	25.29 1.00 4.71	27.50 1.29 8.39	29.59 1.51 11.30	29.65 1.78 14.69	159.40 7.64 -26.72	63.24 4.05 -3.15	73.87 3.96 0.00	65.86 3.76 0.00	58.32 2.99 0.00	27.25 1.38 11.32	30.95 1.18 2.56	23.51 1.11 0.00	29.52 1.64 0.00
PJM_GEN_HTP_PROXY 323702	19.53 1.23 0.00	16.81 1.02 0.00	19.33 1.12 0.00	19.13 1.12 0.00	19.81 1.06 0.00	22.09 1.28 0.00	27.13 1.61 -0.72	34.77 2.31 0.00	25.31 1.67 0.00	24.57 1.54 -0.23	26.46 1.79 0.00	31.12 2.12 0.00	37.12 2.52 0.00	42.32 2.93 0.00	45.77 3.21 0.00	162.21 9.56 -27.62	60.65 4.61 0.00	75.38 5.48 0.00	66.53 4.43 0.00	59.00 3.66 0.00	36.41 2.44 3.22	34.48 2.15 0.00	23.81 1.41 0.00	29.49 1.61 0.00
PJM_GEN_KEystone 24065	18.27 -0.03 0.00	15.71 -0.08 0.00	18.16 -0.04 0.00	17.99 -0.02 0.00	18.71 -0.04 0.00	20.84 0.02 0.00	25.59 0.07 -0.72	32.50 0.04 0.00	23.73 0.09 0.00	22.68 0.17 0.28	24.93 0.26 0.00	29.37 0.37 0.00	35.06 0.46 -0.68	40.40 0.34 0.00	42.82 0.26 0.00	83.25 0.58 42.37	56.71 0.66 0.00	70.00 0.10 0.00	61.91 -0.18 0.00	55.43 0.09 0.00	33.79 -0.18 3.22	32.16 -0.17 0.00	22.40 0.00 0.00	28.06 0.18 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.64 1.34 0.00	16.97 1.19 0.00	19.45 1.25 0.00	19.26 1.26 0.00	19.82 1.07 0.00	21.90 1.09 0.00	26.72 1.20 -0.72	34.21 1.74 0.00	24.95 1.30 0.00	24.09 1.06 -0.23	25.86 1.21 0.03	24.45 1.27 5.83	26.90 1.61 9.32	28.83 1.95 12.49	28.53 2.18 16.21	158.04 8.80 -24.19	63.32 4.65 -2.63	74.84 4.93 0.00	66.49 4.39 0.00	58.89 3.55 0.00	23.08 1.64 15.74	30.79 1.28 2.82	23.36 0.96 0.00	29.25 1.37 0.00
PJM_GEN_VFT_PROXY 323633	19.53 1.23 0.00	16.79 1.01 0.00	19.34 1.14 0.00	19.14 1.14 0.00	19.82 1.07 0.00	22.12 1.31 0.00	27.16 1.64 -0.72	34.80 2.34 0.00	25.32 1.68 0.00	24.58 1.55 -0.23	26.50 1.82 0.00	31.16 2.16 0.00	37.17 2.56 0.00	42.32 2.94 0.00	45.76 3.20 0.00	162.05 9.40 -27.61	60.61 4.57 0.00	75.27 5.36 0.00	66.37 4.28 0.00	58.91 3.58 0.00	36.38 2.41 3.22	34.49 2.16 0.00	23.80 1.40 0.00	29.48 1.60 0.00
PLATSBURG_115KV_PMLD1 355749	-7.45 -0.75 25.01	-5.89 -0.73 20.94	-7.96 -0.73 25.43	-7.94 -0.73 25.22	-7.99 -0.79 25.94	-7.93 -0.74 28.00	-7.98 -0.92 31.87	-8.21 -1.12 39.55	-8.06 -0.82 30.88	-8.04 -0.74 30.10	-8.03 -0.77 31.94	-8.13 -0.93 36.20	-7.77 -0.92 41.45	-9.00 -0.94 47.45	-20.37 -1.06 61.88	-17.85 -4.10 138.79	38.48 -1.54 16.02	68.77 -1.14 0.00	61.99 -0.11 0.00	56.28 0.94 0.00	38.43 1.25 0.00	33.42 1.09 0.00	23.14 0.73 0.00	28.79 0.91 0.00
PLEASANTVLY___LBMP 24000	19.27 0.97 0.00	16.60 0.81 0.00	19.10 0.89 0.00	18.89 0.89 0.00	19.61 0.86 0.00	21.83 1.02 0.00	26.07 1.27 0.00	34.26 1.79 0.00	24.92 1.28 0.00	24.11 1.15 -0.16	25.98 1.30 0.00	30.51 1.51 0.00	36.42 1.82 0.00	41.59 2.20 0.00	45.01 2.45 0.00	153.18 7.50 -20.64	59.63 3.59 0.00	74.24 4.34 0.00	65.67 3.58 0.00	58.24 2.91 0.00	39.15 1.97 0.00	34.05 1.72 0.00	23.48 1.08 0.00	29.07 1.19 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.44 1.14 0.00	16.72 0.94 0.00	19.24 1.04 0.00	19.05 1.04 0.00	19.75 1.00 0.00	22.01 1.20 0.00	26.29 1.48 0.00	34.58 2.12 0.00	25.16 1.52 0.00	24.40 1.39 -0.21	26.26 1.58 0.00	30.87 1.86 0.00	36.86 2.25 0.00	42.03 2.65 0.00	45.50 2.94 0.00	160.72 8.88 -26.80	60.33 4.29 0.00	75.01 5.10 0.00	66.27 4.17 0.00	58.78 3.45 0.00	39.48 2.30 0.00	34.33 2.00 0.00	23.68 1.27 0.00	29.34 1.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.44 1.14 0.00	16.72 0.94 0.00	19.24 1.04 0.00	19.05 1.04 0.00	19.75 1.00 0.00	22.01 1.20 0.00	26.29 1.48 0.00	34.58 2.12 0.00	25.16 1.52 0.00	24.40 1.39 -0.21	26.26 1.58 0.00	30.87 1.86 0.00	36.86 2.25 0.00	42.03 2.65 0.00	45.50 2.94 0.00	160.72 8.88 -26.80	60.33 4.29 0.00	75.01 5.10 0.00	66.27 4.17 0.00	58.78 3.45 0.00	39.48 2.30 0.00	34.33 2.00 0.00	23.68 1.27 0.00	29.34 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.35 1.05 0.00	16.67 0.88 0.00	19.17 0.97 0.00	18.98 0.97 0.00	19.70 0.96 0.00	21.95 1.14 0.00	26.23 1.42 0.00	34.47 2.01 0.00	25.06 1.42 0.00	24.08 1.27 0.00	26.08 1.40 0.00	30.64 1.63 0.00	36.61 2.00 0.00	41.77 2.39 0.00	45.29 2.73 0.00	133.51 8.47 0.00	60.08 4.04 0.00	74.88 4.98 0.00	66.24 4.14 0.00	58.74 3.41 0.00	39.46 2.28 0.00	34.28 1.95 0.00	23.63 1.23 0.00	29.24 1.37 0.00
POLETTI___ 23519	19.55 1.25 0.00	16.80 1.02 0.00	19.34 1.13 0.00	19.14 1.14 0.00	19.81 1.06 0.00	22.09 1.28 0.00	26.40 1.60 0.00	34.76 2.30 0.00	25.31 1.67 0.00	24.57 1.54 -0.23	26.48 1.80 0.00	31.13 2.12 0.00	37.13 2.53 0.00	42.31 2.93 0.00	45.78 3.22 0.00	164.27 9.50 -29.74	60.66 4.61 0.00	75.37 5.47 0.00	66.51 4.42 0.00	59.00 3.66 0.00	39.64 2.45 0.00	34.51 2.18 0.00	23.82 1.41 0.00	29.49 1.61 0.00
POMONA___ESR 323819	19.38 1.08 0.00	16.67 0.88 0.00	19.17 0.97 0.00	18.97 0.96 0.00	19.67 0.92 0.00	21.94 1.13 0.00	26.20 1.39 0.00	34.46 2.00 0.00	25.07 1.43 0.00	22.97 1.28 1.12	26.17 1.50 0.00	30.82 1.81 0.00	36.80 2.20 0.00	41.97 2.59 0.00	45.41 2.84 0.00	-7.70 8.46 141.21	60.16 4.12 0.00	74.70 4.79 0.00	65.99 3.89 0.00	58.54 3.20 0.00	39.33 2.14 0.00	34.21 1.88 0.00	23.62 1.22 0.00	29.28 1.40 0.00
PORT_JEFF_3 23555	19.92 1.62 0.00	17.25 1.46 0.00	19.75 1.55 0.00	19.56 1.56 0.00	20.07 1.32 0.00	22.08 1.27 0.00	26.19 1.39 0.00	34.44 1.98 0.00	25.12 1.48 0.00	24.15 1.12 -0.23	25.87 1.22 0.03	24.78 1.10 5.31	27.14 1.43 8.90	29.24 1.81 11.95	29.10 2.06 15.52	159.34 7.74 -26.56	62.79 3.88 -2.86	73.45 3.54 0.00	65.18 3.08 0.00	57.70 2.36 0.00	26.32 1.11 11.97	30.60 0.98 2.70	23.30 0.90 0.00	29.36 1.48 0.00

PORT_JEFF_4 23616	19.92 1.62 0.00	17.25 1.46 0.00	19.75 1.55 0.00	19.56 1.56 0.00	20.07 1.32 0.00	22.08 1.27 0.00	26.19 1.39 0.00	34.44 1.98 0.00	25.12 1.48 0.00	24.15 1.12 -0.23	25.87 1.22 0.03	24.78 1.10 5.31	27.14 1.43 8.90	29.24 1.81 11.95	29.10 2.06 15.52	159.34 7.74 -26.56	62.79 3.88 -2.86	73.45 3.54 0.00	65.18 3.08 0.00	57.70 2.36 0.00	26.32 1.11 11.97	30.60 0.98 2.70	23.30 0.90 0.00	29.36 1.48 0.00
PORT_JEFF_IC 23713	19.93 1.63 0.00	17.25 1.47 0.00	19.75 1.55 0.00	19.57 1.57 0.00	20.08 1.33 0.00	22.08 1.27 0.00	26.20 1.39 0.00	34.46 2.00 0.00	25.13 1.49 0.00	24.16 1.13 -0.23	25.88 1.23 0.03	24.82 1.12 5.30	27.19 1.46 8.88	29.30 1.85 11.93	29.19 2.12 15.49	159.71 8.11 -26.56	63.00 4.08 -2.87	73.68 3.77 0.00	65.38 3.28 0.00	57.89 2.55 0.00	26.45 1.22 11.95	30.72 1.08 2.70	23.35 0.94 0.00	29.42 1.54 0.00
PPL_PILGRIM_ST_GT1 24216	19.98 1.67 0.00	17.29 1.50 0.00	19.79 1.59 0.00	19.61 1.61 0.00	20.13 1.38 0.00	22.17 1.36 0.00	26.29 1.49 0.00	34.59 2.13 0.00	25.23 1.59 0.00	24.28 1.25 -0.23	26.04 1.39 0.03	25.13 1.36 5.23	27.49 1.71 8.82	29.63 2.11 11.86	29.57 2.41 15.40	161.15 9.52 -26.59	63.61 4.66 -2.91	74.25 4.34 0.00	66.00 3.90 0.00	58.53 3.20 0.00	27.02 1.71 11.88	31.04 1.39 2.68	23.52 1.12 0.00	29.58 1.71 0.00
PPL_PILGRIM_ST_GT2 24217	19.98 1.67 0.00	17.29 1.50 0.00	19.79 1.59 0.00	19.61 1.61 0.00	20.13 1.38 0.00	22.17 1.36 0.00	26.29 1.49 0.00	34.59 2.13 0.00	25.23 1.59 0.00	24.28 1.25 -0.23	26.04 1.39 0.03	25.13 1.36 5.23	27.49 1.71 8.82	29.63 2.11 11.86	29.57 2.41 15.40	161.15 9.52 -26.59	63.61 4.66 -2.91	74.25 4.34 0.00	66.00 3.90 0.00	58.53 3.20 0.00	27.02 1.71 11.88	31.04 1.39 2.68	23.52 1.12 0.00	29.58 1.71 0.00
PPL_SHRM_GT3 24213	19.90 1.60 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.56 1.55 0.00	20.06 1.31 0.00	22.06 1.24 0.00	26.19 1.38 0.00	34.44 1.98 0.00	25.07 1.43 0.00	24.08 1.05 -0.23	25.76 1.11 0.03	24.65 0.96 5.31	27.06 1.35 8.89	29.19 1.75 11.94	29.16 2.10 15.51	160.18 8.58 -26.56	63.27 4.36 -2.87	73.39 3.48 0.00	64.80 2.70 0.00	57.65 2.32 0.00	26.34 1.12 11.97	30.87 1.25 2.70	23.41 1.01 0.00	29.46 1.59 0.00
PPL_SHRM_GT4 24214	19.90 1.60 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.56 1.55 0.00	20.06 1.31 0.00	22.06 1.24 0.00	26.19 1.38 0.00	34.44 1.98 0.00	25.07 1.43 0.00	24.08 1.05 -0.23	25.76 1.11 0.03	24.65 0.96 5.31	27.06 1.35 8.89	29.19 1.75 11.94	29.16 2.10 15.51	160.18 8.58 -26.56	63.27 4.36 -2.87	73.39 3.48 0.00	64.80 2.70 0.00	57.65 2.32 0.00	26.34 1.12 11.97	30.87 1.25 2.70	23.41 1.01 0.00	29.46 1.59 0.00
PROJECT___ORANGE 1 24174	17.96 -0.34 0.00	15.47 -0.31 0.00	17.86 -0.34 0.00	17.67 -0.33 0.00	18.42 -0.33 0.00	20.45 -0.36 0.00	24.40 -0.40 0.00	31.83 -0.63 0.00	23.21 -0.43 0.00	22.44 -0.36 0.00	24.29 -0.39 0.00	28.55 -0.46 0.00	34.04 -0.56 0.00	38.66 -0.72 0.00	41.76 -0.80 0.00	122.66 -2.38 0.00	55.05 -0.99 0.00	68.63 -1.28 0.00	60.85 -1.25 0.00	54.17 -1.16 0.00	36.30 -0.89 0.00	31.56 -0.77 0.00	21.91 -0.49 0.00	27.31 -0.57 0.00
PROJECT___ORANGE 2 24166	17.96 -0.34 0.00	15.47 -0.31 0.00	17.86 -0.34 0.00	17.67 -0.33 0.00	18.42 -0.33 0.00	20.45 -0.36 0.00	24.40 -0.40 0.00	31.83 -0.63 0.00	23.21 -0.43 0.00	22.44 -0.36 0.00	24.29 -0.39 0.00	28.55 -0.46 0.00	34.04 -0.56 0.00	38.66 -0.72 0.00	41.76 -0.80 0.00	122.66 -2.38 0.00	55.05 -0.99 0.00	68.63 -1.28 0.00	60.85 -1.25 0.00	54.17 -1.16 0.00	36.30 -0.89 0.00	31.56 -0.77 0.00	21.91 -0.49 0.00	27.31 -0.57 0.00
PUCKETT___SOLAR 323809	18.23 -0.07 0.00	15.70 -0.09 0.00	18.12 -0.08 0.00	17.89 -0.12 0.00	18.68 -0.07 0.00	20.77 -0.04 0.00	24.84 0.03 0.00	32.55 0.09 0.00	23.69 0.05 0.00	22.95 0.15 0.00	24.89 0.21 0.00	29.35 0.35 0.00	35.00 0.39 0.00	39.62 0.24 0.00	42.84 0.28 0.00	126.22 1.18 0.00	56.80 0.76 0.00	70.67 0.76 0.00	62.72 0.63 0.00	56.01 0.67 0.00	37.40 0.21 0.00	32.43 0.10 0.00	22.49 0.09 0.00	28.07 0.19 0.00
PYRITES___HYD 24023	34.24 0.51 -15.42	29.09 0.39 -12.92	34.43 0.55 -15.69	34.04 0.48 -15.55	35.27 0.53 -16.00	38.91 0.83 -17.27	43.67 1.30 -17.56	58.70 1.84 -24.39	44.04 1.35 -19.04	42.49 1.12 -18.56	45.75 1.38 -19.70	52.78 1.45 -22.32	61.22 1.05 -25.56	69.85 1.21 -29.26	82.28 1.56 -38.16	216.32 5.69 -85.59	69.75 3.83 -9.88	76.07 6.16 0.00	67.92 5.83 0.00	61.18 5.85 0.00	41.02 3.83 0.00	35.46 3.12 0.00	24.52 2.12 0.00	30.53 2.66 0.00
QUAKERRD_115KV_BK1 80622	17.22 -1.08 0.00	14.83 -0.95 0.00	17.18 -1.02 0.00	17.00 -1.00 0.00	17.73 -1.02 0.00	19.72 -1.10 0.00	23.59 -1.22 0.00	30.61 -1.86 0.00	22.42 -1.22 0.00	21.78 -1.02 0.00	23.48 -1.20 0.00	27.54 -1.46 0.00	32.81 -1.79 0.00	37.12 -2.27 0.00	40.02 -2.55 0.00	117.21 -7.83 0.00	52.83 -3.21 0.00	66.05 -3.86 0.00	58.55 -3.55 0.00	52.12 -3.21 0.00	34.75 -2.44 0.00	30.15 -2.18 0.00	21.09 -1.31 0.00	26.48 -1.40 0.00
QUEENSBRY_115KV_TB8 356137	19.11 0.81 0.00	16.48 0.70 0.00	19.00 0.80 0.00	18.84 0.84 0.00	19.60 0.86 0.00	21.91 1.10 0.00	26.17 1.36 0.00	34.32 1.86 0.00	24.82 1.18 0.00	23.87 1.00 -0.07	25.77 1.09 0.00	30.28 1.28 0.00	36.16 1.56 0.00	41.46 2.08 0.00	44.91 2.34 0.00	140.49 6.77 -8.69	59.34 3.30 0.00	74.21 4.31 0.00	65.90 3.80 0.00	58.25 2.92 0.00	39.16 1.97 0.00	33.99 1.66 0.00	23.40 0.99 0.00	28.87 0.99 0.00
RAMAPO___LBMP 323565	19.31 1.01 0.00	16.61 0.82 0.00	19.11 0.90 0.00	18.91 0.90 0.00	19.61 0.86 0.00	21.87 1.06 0.00	26.12 1.31 0.00	34.34 1.87 0.00	24.98 1.34 0.00	23.27 1.19 0.73	26.07 1.39 0.00	30.70 1.69 0.00	36.66 2.05 0.00	41.79 2.40 0.00	45.21 2.65 0.00	41.17 7.86 91.73	59.93 3.88 0.00	74.43 4.52 0.00	65.75 3.65 0.00	58.36 3.02 0.00	39.20 2.01 0.00	34.11 1.78 0.00	23.55 1.15 0.00	29.19 1.31 0.00
RANKINE____ 23646	17.09 -1.21 0.00	14.71 -1.08 0.00	17.14 -1.06 0.00	16.95 -1.05 0.00	17.70 -1.05 0.00	19.71 -1.10 0.00	23.64 -1.16 0.00	30.47 -2.00 0.00	22.39 -1.25 0.00	21.89 -0.91 0.00	23.54 -1.14 0.00	27.59 -1.41 0.00	32.92 -1.68 0.00	37.08 -2.30 0.00	39.95 -2.61 0.00	116.77 -8.27 0.00	53.15 -2.90 0.00	66.33 -3.57 0.00	58.84 -3.26 0.00	52.54 -2.80 0.00	34.81 -2.37 0.00	30.25 -2.08 0.00	21.38 -1.02 0.00	27.13 -0.75 0.00
RAVENSWOOD_GT2_1 24244	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.14 0.00	19.83 1.08 0.00	22.12 1.31 0.00	26.45 1.64 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.18 2.58 0.00	42.37 2.99 0.00	45.84 3.28 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.48 5.57 0.00	66.62 4.52 0.00	59.09 3.76 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.44 0.00	29.52 1.65 0.00

RAVENSWOOD_GT2_2 24245	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.14 0.00	19.83 1.08 0.00	22.12 1.31 0.00	26.45 1.64 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.17 2.17 0.00	37.18 2.58 0.00	42.37 2.99 0.00	45.84 3.28 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.48 5.57 0.00	66.62 4.52 0.00	59.09 3.76 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.44 0.00	29.52 1.65 0.00
RAVENSWOOD_GT2_3 24246	19.58 1.28 0.00	16.84 1.05 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.45 1.65 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.62 1.59 -0.23	26.53 1.85 0.00	31.18 2.18 0.00	37.20 2.60 0.00	42.39 3.01 0.00	45.86 3.30 0.00	164.60 9.83 -29.73	60.79 4.75 0.00	75.54 5.63 0.00	66.66 4.57 0.00	59.12 3.78 0.00	39.74 2.56 0.00	34.58 2.25 0.00	23.86 1.46 0.00	29.55 1.67 0.00
RAVENSWOOD_GT2_4 24247	19.58 1.28 0.00	16.84 1.05 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.84 1.09 0.00	22.13 1.32 0.00	26.45 1.65 0.00	34.83 2.37 0.00	25.37 1.73 0.00	24.62 1.59 -0.23	26.53 1.85 0.00	31.18 2.18 0.00	37.20 2.60 0.00	42.39 3.01 0.00	45.86 3.30 0.00	164.60 9.83 -29.73	60.79 4.75 0.00	75.54 5.63 0.00	66.66 4.57 0.00	59.12 3.78 0.00	39.74 2.56 0.00	34.58 2.25 0.00	23.86 1.46 0.00	29.55 1.67 0.00
RAVENSWOOD_GT3_1 24248	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 2.99 0.00	45.85 3.29 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.49 5.58 0.00	66.63 4.53 0.00	59.10 3.76 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.53 1.65 0.00
RAVENSWOOD_GT3_2 24249	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 2.99 0.00	45.85 3.29 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.49 5.58 0.00	66.63 4.53 0.00	59.10 3.76 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.53 1.65 0.00
RAVENSWOOD_GT3_3 24250	19.60 1.29 0.00	16.85 1.07 0.00	19.37 1.17 0.00	19.17 1.17 0.00	19.86 1.11 0.00	22.15 1.34 0.00	26.48 1.68 0.00	34.87 2.40 0.00	25.40 1.76 0.00	24.65 1.62 -0.23	26.56 1.88 0.00	31.23 2.23 0.00	37.25 2.65 0.00	42.45 3.07 0.00	45.93 3.37 0.00	164.74 9.97 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.74 4.65 0.00	59.20 3.86 0.00	39.78 2.60 0.00	34.62 2.29 0.00	23.89 1.49 0.00	29.58 1.70 0.00
RAVENSWOOD_GT3_4 24251	19.60 1.29 0.00	16.85 1.07 0.00	19.37 1.17 0.00	19.17 1.17 0.00	19.86 1.11 0.00	22.15 1.34 0.00	26.48 1.68 0.00	34.87 2.40 0.00	25.40 1.76 0.00	24.65 1.62 -0.23	26.56 1.88 0.00	31.23 2.23 0.00	37.25 2.65 0.00	42.45 3.07 0.00	45.93 3.37 0.00	164.74 9.97 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.74 4.65 0.00	59.20 3.86 0.00	39.78 2.60 0.00	34.62 2.29 0.00	23.89 1.49 0.00	29.58 1.70 0.00
RAVENSWOOD_GT_1 23729	19.60 1.29 0.00	16.85 1.06 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.83 1.09 0.00	22.13 1.32 0.00	26.47 1.67 0.00	34.87 2.41 0.00	25.40 1.77 0.00	24.65 1.62 -0.23	26.57 1.89 0.00	31.23 2.23 0.00	37.24 2.63 0.00	42.39 3.01 0.00	45.88 3.31 0.00	164.53 9.76 -29.73	60.79 4.74 0.00	75.52 5.62 0.00	66.62 4.53 0.00	59.12 3.78 0.00	39.79 2.60 0.00	34.62 2.29 0.00	23.88 1.47 0.00	29.55 1.68 0.00
RAVENSWOOD_GT_10 24258	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.85 3.29 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.49 5.59 0.00	66.63 4.53 0.00	59.11 3.78 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
RAVENSWOOD_GT_11 24259	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.85 3.29 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.49 5.59 0.00	66.63 4.53 0.00	59.11 3.78 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
RAVENSWOOD_GT_4 24252	19.57 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.13 1.32 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.86 3.29 0.00	164.58 9.81 -29.73	60.77 4.73 0.00	75.51 5.61 0.00	66.65 4.56 0.00	59.12 3.78 0.00	39.71 2.52 0.00	34.57 2.24 0.00	23.86 1.45 0.00	29.55 1.67 0.00
RAVENSWOOD_GT_5 24254	19.57 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.13 1.32 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.86 3.29 0.00	164.58 9.81 -29.73	60.77 4.73 0.00	75.51 5.61 0.00	66.65 4.56 0.00	59.12 3.78 0.00	39.71 2.52 0.00	34.57 2.24 0.00	23.86 1.45 0.00	29.55 1.67 0.00
RAVENSWOOD_GT_6 24253	19.57 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.13 1.32 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.86 3.29 0.00	164.58 9.81 -29.73	60.77 4.73 0.00	75.51 5.61 0.00	66.65 4.56 0.00	59.12 3.78 0.00	39.71 2.52 0.00	34.57 2.24 0.00	23.86 1.45 0.00	29.55 1.67 0.00
RAVENSWOOD_GT_7 24255	19.57 1.27 0.00	16.83 1.05 0.00	19.36 1.16 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.13 1.32 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.86 3.29 0.00	164.58 9.81 -29.73	60.77 4.73 0.00	75.51 5.61 0.00	66.65 4.56 0.00	59.12 3.78 0.00	39.71 2.52 0.00	34.57 2.24 0.00	23.86 1.45 0.00	29.55 1.67 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.85 3.29 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.49 5.59 0.00	66.63 4.53 0.00	59.11 3.78 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00

RAVENSWOOD_GT_9 24257	19.57 1.27 0.00	16.83 1.04 0.00	19.35 1.15 0.00	19.15 1.15 0.00	19.83 1.09 0.00	22.12 1.31 0.00	26.45 1.65 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.61 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.85 3.29 0.00	164.49 9.72 -29.73	60.76 4.72 0.00	75.49 5.59 0.00	66.63 4.53 0.00	59.11 3.78 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
RAVENSWOOD___1 23533	19.57 1.27 0.00	16.83 1.04 0.00	19.34 1.13 0.00	19.13 1.13 0.00	19.81 1.07 0.00	22.10 1.29 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.37 1.73 0.00	24.62 1.59 -0.23	26.52 1.84 0.00	31.18 2.18 0.00	37.18 2.58 0.00	42.35 2.97 0.00	45.83 3.26 0.00	164.39 9.62 -29.73	60.73 4.68 0.00	75.45 5.55 0.00	66.56 4.46 0.00	59.06 3.73 0.00	39.73 2.55 0.00	34.56 2.23 0.00	23.84 1.44 0.00	29.50 1.63 0.00
RAVENSWOOD___2 23534	19.57 1.27 0.00	16.83 1.04 0.00	19.34 1.13 0.00	19.13 1.13 0.00	19.81 1.07 0.00	22.10 1.29 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.37 1.73 0.00	24.62 1.59 -0.23	26.52 1.84 0.00	31.18 2.18 0.00	37.18 2.58 0.00	42.35 2.97 0.00	45.83 3.26 0.00	164.39 9.62 -29.73	60.73 4.68 0.00	75.45 5.55 0.00	66.56 4.46 0.00	59.06 3.73 0.00	39.73 2.55 0.00	34.56 2.23 0.00	23.84 1.44 0.00	29.50 1.63 0.00
RAVENSWOOD___3 23535	19.57 1.27 0.00	16.83 1.05 0.00	19.36 1.15 0.00	19.16 1.15 0.00	19.84 1.09 0.00	22.12 1.31 0.00	26.45 1.64 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.62 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.19 2.59 0.00	42.38 3.00 0.00	45.85 3.29 0.00	164.50 9.73 -29.73	60.76 4.71 0.00	75.49 5.59 0.00	66.63 4.53 0.00	59.10 3.77 0.00	39.71 2.53 0.00	34.56 2.23 0.00	23.85 1.45 0.00	29.54 1.66 0.00
RAVENSWOOD___4 23820	19.57 1.27 0.00	16.83 1.04 0.00	19.34 1.13 0.00	19.13 1.13 0.00	19.81 1.07 0.00	22.10 1.29 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.37 1.73 0.00	24.62 1.59 -0.23	26.52 1.84 0.00	31.18 2.18 0.00	37.18 2.58 0.00	42.35 2.97 0.00	45.83 3.26 0.00	164.39 9.62 -29.73	60.73 4.68 0.00	75.45 5.55 0.00	66.56 4.46 0.00	59.06 3.73 0.00	39.73 2.55 0.00	34.56 2.23 0.00	23.84 1.44 0.00	29.50 1.63 0.00
RCPI_TRUST___DRP 24196	19.57 1.26 0.00	16.82 1.04 0.00	19.35 1.15 0.00	19.15 1.14 0.00	19.83 1.08 0.00	22.12 1.31 0.00	26.46 1.65 0.00	34.83 2.36 0.00	25.36 1.72 0.00	24.62 1.59 -0.23	26.52 1.85 0.00	31.20 2.20 0.00	37.23 2.62 0.00	42.42 3.03 0.00	45.89 3.33 0.00	164.71 9.92 -29.74	60.81 4.77 0.00	75.57 5.66 0.00	66.68 4.58 0.00	59.12 3.78 0.00	39.71 2.52 0.00	34.56 2.23 0.00	23.86 1.45 0.00	29.53 1.66 0.00
RED___ROCHESTER 323720	17.61 -0.69 0.00	15.15 -0.63 0.00	17.58 -0.63 0.00	17.38 -0.63 0.00	18.13 -0.62 0.00	20.17 -0.64 0.00	24.16 -0.65 0.00	31.30 -1.16 0.00	22.98 -0.66 0.00	22.35 -0.45 0.00	24.08 -0.59 0.00	28.24 -0.76 0.00	33.61 -1.00 0.00	37.98 -1.40 0.00	40.92 -1.64 0.00	119.76 -5.28 0.00	54.13 -1.92 0.00	67.68 -2.23 0.00	60.01 -2.09 0.00	53.42 -1.91 0.00	35.55 -1.64 0.00	30.84 -1.49 0.00	21.61 -0.80 0.00	27.16 -0.72 0.00
REGAN___SOLAR 323812	19.23 0.93 0.00	16.58 0.79 0.00	19.11 0.91 0.00	18.91 0.90 0.00	19.72 0.98 0.00	21.95 1.14 0.00	26.29 1.49 0.00	34.35 1.89 0.00	24.68 1.04 0.00	23.92 1.06 -0.06	25.90 1.22 0.00	30.54 1.54 0.00	36.39 1.78 0.00	41.26 1.88 0.00	45.02 2.46 0.00	139.71 6.98 -7.69	59.62 3.57 0.00	74.52 4.61 0.00	66.09 3.99 0.00	58.79 3.46 0.00	39.43 2.24 0.00	34.25 1.91 0.00	23.70 1.30 0.00	29.47 1.59 0.00
RENSSELAER___COGEN 23796	18.79 0.49 0.00	16.26 0.47 0.00	18.70 0.49 0.00	18.49 0.48 0.00	19.25 0.50 0.00	21.37 0.56 0.00	25.49 0.68 0.00	33.40 0.94 0.00	24.25 0.61 0.00	23.38 0.51 -0.07	25.21 0.53 0.00	29.61 0.60 0.00	35.34 0.73 0.00	40.38 1.00 0.00	43.72 1.16 0.00	137.92 3.79 -9.09	57.72 1.67 0.00	72.04 2.14 0.00	63.88 1.79 0.00	56.68 1.34 0.00	38.20 1.02 0.00	33.18 0.85 0.00	22.74 0.34 0.00	28.15 0.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.73 1.42 0.00	16.96 1.18 0.00	19.63 1.43 0.00	19.56 1.56 0.00	20.28 1.53 0.00	22.93 2.12 0.00	27.47 2.67 0.00	36.10 3.64 0.00	25.99 2.35 0.00	24.92 2.05 -0.07	26.82 2.15 0.00	31.48 2.48 0.00	37.84 3.23 0.00	43.48 4.09 0.00	47.15 4.59 0.00	146.73 12.98 -8.71	62.45 6.41 0.00	78.30 8.39 0.00	69.64 7.55 0.00	61.26 5.93 0.00	41.12 3.93 0.00	35.71 3.38 0.00	24.44 2.03 0.00	29.86 1.98 0.00
REVERE_CPPR_DRP 24186	19.91 0.29 -1.32	17.13 0.24 -1.10	19.82 0.27 -1.34	19.62 0.29 -1.33	20.48 0.36 -1.37	22.79 0.50 -1.48	27.09 0.71 -1.58	35.46 0.92 -2.09	25.98 0.71 -1.63	25.12 0.73 -1.59	27.26 0.90 -1.68	31.98 1.07 -1.91	37.98 1.19 -2.18	43.22 1.34 -2.50	47.37 1.54 -3.26	137.11 4.76 -7.32	59.15 2.26 -0.84	72.66 2.76 0.00	64.37 2.27 0.00	57.39 2.05 0.00	38.47 1.28 0.00	33.39 1.06 0.00	23.15 0.75 0.00	28.76 0.88 0.00
REYNOLDS_115KV_TB3 80639	18.93 0.63 0.00	16.37 0.58 0.00	18.83 0.62 0.00	18.62 0.62 0.00	19.38 0.63 0.00	21.53 0.72 0.00	25.66 0.86 0.00	33.63 1.16 0.00	24.42 0.78 0.00	23.54 0.66 -0.07	25.36 0.68 0.00	29.76 0.75 0.00	35.53 0.92 0.00	40.63 1.25 0.00	44.01 1.44 0.00	139.01 4.56 -9.42	58.04 2.00 0.00	72.45 2.54 0.00	64.28 2.18 0.00	57.00 1.66 0.00	38.46 1.27 0.00	33.40 1.07 0.00	22.94 0.53 0.00	28.41 0.53 0.00
RIVERBAY____ 323610	19.51 1.21 0.00	16.79 1.01 0.00	19.33 1.13 0.00	19.12 1.12 0.00	19.81 1.07 0.00	22.13 1.31 0.00	26.47 1.66 0.00	34.83 2.37 0.00	25.34 1.70 0.00	24.55 1.52 -0.23	26.42 1.74 0.00	31.05 2.05 0.00	37.01 2.40 0.00	42.18 2.80 0.00	45.65 3.09 0.00	164.03 9.26 -29.73	60.52 4.47 0.00	75.25 5.34 0.00	66.44 4.35 0.00	58.97 3.63 0.00	39.71 2.52 0.00	34.46 2.13 0.00	23.77 1.37 0.00	29.44 1.56 0.00
RIVERSDE_115KV_TB3 55908	18.88 0.57 0.00	16.32 0.53 0.00	18.77 0.57 0.00	18.56 0.56 0.00	19.32 0.58 0.00	21.47 0.67 0.00	25.60 0.80 0.00	33.55 1.09 0.00	24.37 0.73 0.00	23.50 0.62 -0.07	25.32 0.65 0.00	29.74 0.73 0.00	35.49 0.88 0.00	40.57 1.19 0.00	43.93 1.37 0.00	138.63 4.33 -9.26	57.98 1.94 0.00	72.35 2.45 0.00	64.16 2.06 0.00	56.90 1.57 0.00	38.38 1.19 0.00	33.32 0.99 0.00	22.85 0.45 0.00	28.29 0.41 0.00
ROARING___BROOK_WT_PWR 323790	-39.00 -0.68 56.62	-39.00 -0.59 54.19	-39.00 -0.67 56.53	-39.00 -0.68 56.33	-39.00 -0.70 57.04	-39.00 -0.78 59.03	-39.00 -0.96 62.85	-39.00 -1.18 70.28	-39.00 -0.86 61.78	-24.11 -0.80 46.11	22.84 -0.77 1.07	26.94 -0.85 1.21	32.32 -0.90 1.39	36.75 -1.04 1.59	39.41 -1.08 2.07	118.17 -2.22 4.64	54.41 -1.09 0.54	68.63 -1.27 0.00	61.19 -0.90 0.00	54.76 -0.57 0.00	36.85 -0.33 0.00	32.04 -0.29 0.00	22.34 -0.07 0.00	27.92 0.05 0.00

ROCHESRG_115KV_T4 355643	17.40 -0.90 0.00	14.99 -0.80 0.00	17.39 -0.82 0.00	17.20 -0.81 0.00	17.93 -0.82 0.00	19.94 -0.87 0.00	23.85 -0.95 0.00	30.90 -1.57 0.00	22.66 -0.97 0.00	22.06 -0.75 0.00	23.75 -0.93 0.00	27.84 -1.16 0.00	33.16 -1.44 0.00	37.47 -1.91 0.00	40.38 -2.19 0.00	118.14 -6.90 0.00	53.34 -2.71 0.00	66.70 -3.21 0.00	59.10 -3.00 0.00	52.64 -2.70 0.00	35.05 -2.13 0.00	30.43 -1.90 0.00	21.34 -1.06 0.00	26.85 -1.03 0.00
ROCHESTER_9_IC 23652	17.49 -0.82 0.00	15.06 -0.73 0.00	17.47 -0.73 0.00	17.27 -0.73 0.00	18.01 -0.73 0.00	20.04 -0.77 0.00	23.98 -0.82 0.00	31.08 -1.38 0.00	22.80 -0.84 0.00	22.19 -0.61 0.00	23.90 -0.78 0.00	28.02 -0.98 0.00	33.36 -1.24 0.00	37.70 -1.68 0.00	40.61 -1.95 0.00	118.86 -6.18 0.00	53.69 -2.36 0.00	67.13 -2.78 0.00	59.50 -2.60 0.00	52.97 -2.37 0.00	35.27 -1.92 0.00	30.60 -1.73 0.00	21.45 -0.95 0.00	26.98 -0.90 0.00
ROCKVIEW_13_KV_LD 356306	19.55 1.24 0.00	16.81 1.02 0.00	19.33 1.13 0.00	19.13 1.12 0.00	19.82 1.07 0.00	22.09 1.28 0.00	26.41 1.61 0.00	34.76 2.30 0.00	25.30 1.66 0.00	24.55 1.52 -0.23	26.43 1.75 0.00	31.07 2.07 0.00	37.10 2.49 0.00	42.29 2.91 0.00	45.76 3.20 0.00	164.40 9.64 -29.72	60.69 4.65 0.00	75.43 5.52 0.00	66.63 4.53 0.00	59.07 3.74 0.00	39.67 2.48 0.00	34.52 2.18 0.00	23.81 1.41 0.00	29.49 1.62 0.00
ROME____115KV_TB2 80656	19.91 0.29 -1.32	17.13 0.24 -1.10	19.82 0.27 -1.34	19.62 0.29 -1.33	20.48 0.36 -1.37	22.79 0.50 -1.48	27.09 0.71 -1.58	35.46 0.92 -2.09	25.98 0.71 -1.63	25.12 0.73 -1.59	27.26 0.90 -1.68	31.98 1.07 -1.91	37.98 1.19 -2.18	43.22 1.34 -2.50	47.37 1.54 -3.26	137.11 4.76 -7.32	59.15 2.26 -0.84	72.66 2.76 0.00	64.37 2.27 0.00	57.39 2.05 0.00	38.47 1.28 0.00	33.39 1.06 0.00	23.15 0.75 0.00	28.76 0.88 0.00
ROSETON___1 23587	19.31 1.00 0.00	16.63 0.84 0.00	19.13 0.93 0.00	18.92 0.92 0.00	19.64 0.89 0.00	21.86 1.06 0.00	26.11 1.31 0.00	34.33 1.86 0.00	24.98 1.34 0.00	24.17 1.20 -0.17	26.04 1.36 0.00	30.59 1.59 0.00	36.52 1.91 0.00	41.68 2.30 0.00	45.12 2.56 0.00	154.32 7.77 -21.51	59.78 3.73 0.00	74.39 4.48 0.00	65.79 3.69 0.00	58.35 3.01 0.00	39.22 2.03 0.00	34.10 1.77 0.00	23.52 1.12 0.00	29.13 1.25 0.00
ROSETON___2 23588	19.25 0.94 0.00	16.56 0.77 0.00	19.05 0.85 0.00	18.84 0.84 0.00	19.56 0.81 0.00	21.81 1.00 0.00	26.02 1.22 0.00	34.21 1.75 0.00	24.89 1.25 0.00	23.27 1.10 0.64	25.97 1.29 0.00	30.57 1.57 0.00	36.50 1.90 0.00	41.61 2.23 0.00	45.04 2.48 0.00	52.29 7.44 80.19	59.71 3.66 0.00	74.19 4.28 0.00	65.56 3.46 0.00	58.20 2.87 0.00	39.09 1.90 0.00	34.00 1.67 0.00	23.49 1.08 0.00	29.12 1.24 0.00
ROTRDAM_115KV_TB3 80664	18.85 0.55 0.00	16.27 0.48 0.00	18.75 0.54 0.00	18.54 0.54 0.00	19.31 0.56 0.00	21.45 0.64 0.00	25.60 0.80 0.00	33.52 1.06 0.00	24.32 0.68 0.00	23.47 0.61 -0.07	25.35 0.67 0.00	29.81 0.80 0.00	35.55 0.94 0.00	40.57 1.19 0.00	43.91 1.35 0.00	137.48 4.09 -8.35	57.99 1.94 0.00	72.36 2.46 0.00	64.18 2.08 0.00	57.01 1.67 0.00	38.36 1.17 0.00	33.34 1.01 0.00	23.02 0.62 0.00	28.56 0.68 0.00
RUSSELL___1 23602	17.61 -0.69 0.00	15.15 -0.63 0.00	17.58 -0.63 0.00	17.38 -0.63 0.00	18.13 -0.62 0.00	20.17 -0.64 0.00	24.15 -0.66 0.00	31.31 -1.16 0.00	22.97 -0.67 0.00	22.36 -0.45 0.00	24.09 -0.59 0.00	28.24 -0.76 0.00	33.61 -0.99 0.00	37.98 -1.40 0.00	40.93 -1.63 0.00	119.77 -5.26 0.00	54.13 -1.92 0.00	67.69 -2.22 0.00	60.01 -2.09 0.00	53.42 -1.91 0.00	35.56 -1.62 0.00	30.85 -1.49 0.00	21.61 -0.80 0.00	27.16 -0.72 0.00
RUSSELL___2 23532	17.61 -0.69 0.00	15.15 -0.63 0.00	17.58 -0.63 0.00	17.38 -0.63 0.00	18.13 -0.62 0.00	20.17 -0.64 0.00	24.15 -0.66 0.00	31.31 -1.16 0.00	22.97 -0.67 0.00	22.36 -0.45 0.00	24.09 -0.59 0.00	28.24 -0.76 0.00	33.61 -0.99 0.00	37.98 -1.40 0.00	40.93 -1.63 0.00	119.77 -5.26 0.00	54.13 -1.92 0.00	67.69 -2.22 0.00	60.01 -2.09 0.00	53.42 -1.91 0.00	35.56 -1.62 0.00	30.85 -1.49 0.00	21.61 -0.80 0.00	27.16 -0.72 0.00
RUSSELL___3 23549	17.61 -0.69 0.00	15.15 -0.63 0.00	17.58 -0.63 0.00	17.38 -0.63 0.00	18.13 -0.62 0.00	20.17 -0.64 0.00	24.15 -0.66 0.00	31.31 -1.16 0.00	22.97 -0.67 0.00	22.36 -0.45 0.00	24.09 -0.59 0.00	28.24 -0.76 0.00	33.61 -0.99 0.00	37.98 -1.40 0.00	40.93 -1.63 0.00	119.77 -5.26 0.00	54.13 -1.92 0.00	67.69 -2.22 0.00	60.01 -2.09 0.00	53.42 -1.91 0.00	35.56 -1.62 0.00	30.85 -1.49 0.00	21.61 -0.80 0.00	27.16 -0.72 0.00
RUSSELL___4 23556	17.61 -0.69 0.00	15.15 -0.63 0.00	17.58 -0.63 0.00	17.38 -0.63 0.00	18.13 -0.62 0.00	20.17 -0.64 0.00	24.15 -0.66 0.00	31.31 -1.16 0.00	22.97 -0.67 0.00	22.36 -0.45 0.00	24.09 -0.59 0.00	28.24 -0.76 0.00	33.61 -0.99 0.00	37.98 -1.40 0.00	40.93 -1.63 0.00	119.77 -5.26 0.00	54.13 -1.92 0.00	67.69 -2.22 0.00	60.01 -2.09 0.00	53.42 -1.91 0.00	35.56 -1.62 0.00	30.85 -1.49 0.00	21.61 -0.80 0.00	27.16 -0.72 0.00
RUSSELL___STATION 23914	17.61 -0.69 0.00	15.15 -0.63 0.00	17.58 -0.63 0.00	17.38 -0.63 0.00	18.13 -0.62 0.00	20.17 -0.64 0.00	24.15 -0.66 0.00	31.31 -1.16 0.00	22.97 -0.67 0.00	22.36 -0.45 0.00	24.09 -0.59 0.00	28.24 -0.76 0.00	33.61 -0.99 0.00	37.98 -1.40 0.00	40.93 -1.63 0.00	119.77 -5.26 0.00	54.13 -1.92 0.00	67.69 -2.22 0.00	60.01 -2.09 0.00	53.42 -1.91 0.00	35.56 -1.62 0.00	30.85 -1.49 0.00	21.61 -0.80 0.00	27.16 -0.72 0.00
S SALMON___HYD 24043	19.40 -0.55 -1.64	16.67 -0.49 -1.38	19.32 -0.56 -1.67	19.12 -0.54 -1.66	19.87 -0.58 -1.71	22.06 -0.59 -1.84	26.07 -0.64 -1.90	34.14 -0.93 -2.60	25.04 -0.64 -2.03	24.23 -0.56 -1.98	26.22 -0.56 -2.10	30.82 -0.56 -2.38	36.50 -0.83 -2.73	41.45 -1.05 -3.12	45.47 -1.17 -4.07	131.44 -2.73 -9.13	56.11 -0.98 -1.06	68.74 -1.17 0.00	60.98 -1.12 0.00	54.41 -0.93 0.00	36.53 -0.65 0.00	31.86 -0.47 0.00	22.13 -0.27 0.00	27.56 -0.32 0.00
S.PERRY__115KV_TB1 80734	17.54 -0.76 0.00	15.08 -0.70 0.00	17.51 -0.70 0.00	17.30 -0.70 0.00	18.08 -0.67 0.00	20.17 -0.64 0.00	24.33 -0.48 0.00	31.73 -0.74 0.00	23.13 -0.51 0.00	22.43 -0.38 0.00	24.20 -0.48 0.00	28.28 -0.73 0.00	33.64 -0.97 0.00	37.93 -1.46 0.00	41.48 -1.08 0.00	122.07 -2.97 0.00	55.49 -0.55 0.00	69.51 -0.39 0.00	61.68 -0.42 0.00	55.05 -0.28 0.00	36.55 -0.63 0.00	31.53 -0.81 0.00	22.04 -0.36 0.00	27.70 -0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.91 -1.39 0.00	14.56 -1.22 0.00	16.98 -1.23 0.00	16.79 -1.21 0.00	17.52 -1.22 0.00	19.50 -1.31 0.00	23.36 -1.44 0.00	30.05 -2.41 0.00	22.12 -1.52 0.00	21.63 -1.18 0.00	23.21 -1.47 0.00	27.17 -1.83 0.00	32.41 -2.20 0.00	36.48 -2.90 0.00	39.26 -3.30 0.00	114.55 -10.49 0.00	52.10 -3.94 0.00	65.12 -4.79 0.00	57.73 -4.36 0.00	51.52 -3.81 0.00	34.15 -3.03 0.00	29.69 -2.64 0.00	21.03 -1.37 0.00	26.71 -1.17 0.00

SAWYER___23_KV_LOAD 55526	16.91 -1.39 0.00	14.56 -1.22 0.00	16.98 -1.23 0.00	16.79 -1.21 0.00	17.52 -1.22 0.00	19.50 -1.31 0.00	23.36 -1.44 0.00	30.05 -2.41 0.00	22.12 -1.52 0.00	21.63 -1.18 0.00	23.21 -1.47 0.00	27.17 -1.83 0.00	32.41 -2.20 0.00	36.48 -2.90 0.00	39.26 -3.30 0.00	114.55 -10.49 0.00	52.10 -3.94 0.00	65.12 -4.79 0.00	57.73 -4.36 0.00	51.52 -3.81 0.00	34.15 -3.03 0.00	29.69 -2.64 0.00	21.03 -1.37 0.00	26.71 -1.17 0.00
SELKIRK___I 23801	18.87 0.57 0.00	16.33 0.54 0.00	18.79 0.58 0.00	18.59 0.58 0.00	19.36 0.61 0.00	21.47 0.66 0.00	25.60 0.79 0.00	33.47 1.01 0.00	24.23 0.59 0.00	23.32 0.46 -0.06	25.17 0.49 0.00	29.66 0.65 0.00	35.36 0.75 0.00	40.35 0.96 0.00	43.78 1.21 0.00	136.40 3.90 -7.46	57.82 1.77 0.00	72.17 2.27 0.00	64.02 1.92 0.00	56.85 1.51 0.00	38.31 1.12 0.00	33.28 0.95 0.00	22.88 0.48 0.00	28.38 0.50 0.00
SELKIRK___II 23799	18.78 0.48 0.00	16.24 0.45 0.00	18.68 0.48 0.00	18.48 0.48 0.00	19.25 0.50 0.00	21.36 0.54 0.00	25.47 0.66 0.00	33.37 0.90 0.00	24.23 0.59 0.00	23.36 0.49 -0.07	25.20 0.52 0.00	29.61 0.61 0.00	35.34 0.73 0.00	40.34 0.96 0.00	43.67 1.11 0.00	137.34 3.58 -8.72	57.66 1.61 0.00	71.95 2.04 0.00	63.80 1.71 0.00	56.64 1.31 0.00	38.17 0.98 0.00	33.16 0.83 0.00	22.79 0.39 0.00	28.25 0.37 0.00
SENECA OSWGO___HYD 24041	17.82 -0.48 0.00	15.36 -0.42 0.00	17.73 -0.48 0.00	17.53 -0.47 0.00	18.26 -0.48 0.00	20.27 -0.54 0.00	24.19 -0.62 0.00	31.53 -0.94 0.00	22.99 -0.65 0.00	22.20 -0.60 0.00	24.03 -0.65 0.00	28.24 -0.76 0.00	33.67 -0.93 0.00	38.22 -1.16 0.00	41.29 -1.27 0.00	121.38 -3.66 0.00	54.52 -1.53 0.00	68.01 -1.89 0.00	60.36 -1.74 0.00	53.72 -1.62 0.00	36.03 -1.16 0.00	31.30 -1.03 0.00	21.73 -0.67 0.00	27.07 -0.81 0.00
SENECA___115KV_TB3 355854	17.11 -1.19 0.00	14.73 -1.06 0.00	17.17 -1.04 0.00	16.98 -1.02 0.00	17.73 -1.02 0.00	19.74 -1.07 0.00	23.68 -1.13 0.00	30.52 -1.94 0.00	22.44 -1.20 0.00	21.93 -0.87 0.00	23.58 -1.10 0.00	27.64 -1.36 0.00	32.98 -1.63 0.00	37.15 -2.23 0.00	40.02 -2.54 0.00	117.02 -8.02 0.00	53.25 -2.79 0.00	66.45 -3.45 0.00	58.94 -3.16 0.00	52.63 -2.70 0.00	34.87 -2.32 0.00	30.29 -2.04 0.00	21.42 -0.99 0.00	27.17 -0.71 0.00
SENECA___ENERGY 23797	17.60 -0.70 0.00	15.18 -0.61 0.00	17.53 -0.67 0.00	17.36 -0.65 0.00	18.10 -0.65 0.00	20.11 -0.70 0.00	24.08 -0.72 0.00	31.42 -1.05 0.00	22.89 -0.75 0.00	22.16 -0.64 0.00	24.04 -0.64 0.00	28.24 -0.76 0.00	33.65 -0.95 0.00	38.16 -1.22 0.00	41.27 -1.29 0.00	121.17 -3.87 0.00	54.54 -1.51 0.00	67.91 -1.99 0.00	60.20 -1.90 0.00	53.64 -1.69 0.00	35.86 -1.33 0.00	31.12 -1.21 0.00	21.61 -0.79 0.00	27.00 -0.88 0.00
SHOEMAKER___GT 23640	19.25 0.94 0.00	16.56 0.77 0.00	19.05 0.85 0.00	18.84 0.84 0.00	19.56 0.81 0.00	21.81 1.00 0.00	26.04 1.23 0.00	34.21 1.75 0.00	24.86 1.22 0.00	23.20 1.06 0.66	25.90 1.22 0.00	30.50 1.50 0.00	36.39 1.78 0.00	41.49 2.11 0.00	44.98 2.41 0.00	49.12 7.34 83.26	59.70 3.66 0.00	74.26 4.35 0.00	65.64 3.55 0.00	58.28 2.94 0.00	39.14 1.95 0.00	34.03 1.70 0.00	23.51 1.10 0.00	29.13 1.25 0.00
SHOEMAKR_138KV_BK 111 55601	19.24 0.93 0.00	16.55 0.76 0.00	19.04 0.84 0.00	18.84 0.84 0.00	19.55 0.80 0.00	21.80 0.99 0.00	26.02 1.22 0.00	34.20 1.73 0.00	24.86 1.22 0.00	23.21 1.06 0.65	25.90 1.23 0.00	30.51 1.51 0.00	36.41 1.81 0.00	41.52 2.14 0.00	44.98 2.42 0.00	50.33 7.34 82.05	59.68 3.64 0.00	74.22 4.32 0.00	65.60 3.50 0.00	58.24 2.91 0.00	39.11 1.92 0.00	34.02 1.69 0.00	23.49 1.09 0.00	29.12 1.24 0.00
SHOREHAM_IC_1 23715	19.90 1.60 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.56 1.55 0.00	20.06 1.31 0.00	22.06 1.24 0.00	26.19 1.38 0.00	34.44 1.98 0.00	25.07 1.43 0.00	24.08 1.05 -0.23	25.76 1.11 0.03	24.65 0.96 5.31	27.06 1.35 8.89	29.19 1.75 11.94	29.16 2.10 15.51	160.18 8.58 -26.56	63.27 4.36 -2.87	73.39 3.48 0.00	64.80 2.70 0.00	57.65 2.32 0.00	26.34 1.12 11.97	30.87 1.25 2.70	23.41 1.01 0.00	29.46 1.59 0.00
SHOREHAM_IC_2 23716	19.90 1.60 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.56 1.55 0.00	20.06 1.31 0.00	22.06 1.24 0.00	26.19 1.38 0.00	34.44 1.98 0.00	25.07 1.43 0.00	24.08 1.05 -0.23	25.76 1.11 0.03	24.65 0.96 5.31	27.06 1.35 8.89	29.19 1.75 11.94	29.16 2.10 15.51	160.18 8.58 -26.56	63.27 4.36 -2.87	73.39 3.48 0.00	64.80 2.70 0.00	57.65 2.32 0.00	26.34 1.12 11.97	30.87 1.25 2.70	23.41 1.01 0.00	29.46 1.59 0.00
SISSONVILLE____ 23735	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.78 0.03 -16.00	38.31 0.23 -17.27	42.87 0.51 -17.56	57.65 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.05 0.68 -19.70	52.07 0.75 -22.32	60.58 0.42 -25.56	69.09 0.45 -29.26	81.35 0.63 -38.16	213.48 2.86 -85.59	68.11 2.18 -9.88	73.66 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.65 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
SITHE_IND_GS1 24169	17.68 -0.63 0.00	15.23 -0.55 0.00	17.58 -0.62 0.00	17.39 -0.61 0.00	18.11 -0.63 0.00	20.09 -0.72 0.00	23.93 -0.88 0.00	31.15 -1.31 0.00	22.72 -0.92 0.00	21.95 -0.85 0.00	23.74 -0.94 0.00	27.89 -1.12 0.00	33.25 -1.36 0.00	37.77 -1.61 0.00	40.82 -1.75 0.00	119.91 -5.13 0.00	53.82 -2.22 0.00	67.12 -2.79 0.00	59.56 -2.53 0.00	53.05 -2.29 0.00	35.59 -1.60 0.00	30.95 -1.38 0.00	21.49 -0.91 0.00	26.78 -1.10 0.00
SITHE_IND_GS2 24170	17.68 -0.63 0.00	15.23 -0.55 0.00	17.58 -0.62 0.00	17.39 -0.61 0.00	18.11 -0.63 0.00	20.09 -0.72 0.00	23.93 -0.88 0.00	31.15 -1.31 0.00	22.72 -0.92 0.00	21.95 -0.85 0.00	23.74 -0.94 0.00	27.89 -1.12 0.00	33.25 -1.36 0.00	37.77 -1.61 0.00	40.82 -1.75 0.00	119.91 -5.13 0.00	53.82 -2.22 0.00	67.12 -2.79 0.00	59.56 -2.53 0.00	53.05 -2.29 0.00	35.59 -1.60 0.00	30.95 -1.38 0.00	21.49 -0.91 0.00	26.78 -1.10 0.00
SITHE_IND_GS3 24171	17.68 -0.63 0.00	15.23 -0.55 0.00	17.58 -0.62 0.00	17.39 -0.61 0.00	18.11 -0.63 0.00	20.09 -0.72 0.00	23.93 -0.88 0.00	31.15 -1.31 0.00	22.72 -0.92 0.00	21.95 -0.85 0.00	23.74 -0.94 0.00	27.89 -1.12 0.00	33.25 -1.36 0.00	37.77 -1.61 0.00	40.82 -1.75 0.00	119.91 -5.13 0.00	53.82 -2.22 0.00	67.12 -2.79 0.00	59.56 -2.53 0.00	53.05 -2.29 0.00	35.59 -1.60 0.00	30.95 -1.38 0.00	21.49 -0.91 0.00	26.78 -1.10 0.00
SITHE_IND_GS4 24172	17.68 -0.63 0.00	15.23 -0.55 0.00	17.58 -0.62 0.00	17.39 -0.61 0.00	18.11 -0.63 0.00	20.09 -0.72 0.00	23.93 -0.88 0.00	31.15 -1.31 0.00	22.72 -0.92 0.00	21.95 -0.85 0.00	23.74 -0.94 0.00	27.89 -1.12 0.00	33.25 -1.36 0.00	37.77 -1.61 0.00	40.82 -1.75 0.00	119.91 -5.13 0.00	53.82 -2.22 0.00	67.12 -2.79 0.00	59.56 -2.53 0.00	53.05 -2.29 0.00	35.59 -1.60 0.00	30.95 -1.38 0.00	21.49 -0.91 0.00	26.78 -1.10 0.00

SITHE___BATAVIA 24024	17.45 -0.85 0.00	15.01 -0.78 0.00	17.47 -0.74 0.00	17.27 -0.73 0.00	18.03 -0.71 0.00	20.09 -0.72 0.00	24.13 -0.67 0.00	31.14 -1.32 0.00	22.94 -0.70 0.00	22.36 -0.44 0.00	24.03 -0.65 0.00	28.09 -0.91 0.00	33.42 -1.19 0.00	37.67 -1.70 0.00	40.54 -2.03 0.00	118.33 -6.71 0.00	53.78 -2.26 0.00	67.42 -2.49 0.00	59.71 -2.39 0.00	53.20 -2.14 0.00	35.28 -1.91 0.00	30.60 -1.73 0.00	21.59 -0.81 0.00	27.29 -0.59 0.00
SITHE___INDEPEND 23800	17.68 -0.63 0.00	15.23 -0.55 0.00	17.58 -0.62 0.00	17.39 -0.61 0.00	18.11 -0.63 0.00	20.09 -0.72 0.00	23.93 -0.88 0.00	31.15 -1.31 0.00	22.72 -0.92 0.00	21.94 -0.86 0.00	23.74 -0.94 0.00	27.89 -1.12 0.00	33.25 -1.35 0.00	37.77 -1.61 0.00	40.82 -1.75 0.00	119.92 -5.12 0.00	53.82 -2.22 0.00	67.13 -2.78 0.00	59.57 -2.53 0.00	53.05 -2.29 0.00	35.59 -1.60 0.00	30.95 -1.39 0.00	21.49 -0.91 0.00	26.78 -1.10 0.00
SITHE___MASSENA 23902	16.87 0.04 1.47	14.57 0.02 1.23	16.76 0.05 1.49	16.56 0.04 1.48	17.26 0.04 1.53	19.21 0.04 1.64	102.53 0.02 -77.71	341.61 0.27 -308.88	21.93 0.10 1.81	21.18 0.15 1.77	22.92 0.12 1.88	27.03 0.16 2.13	32.38 0.21 2.44	36.79 0.20 2.79	39.06 0.13 3.64	116.83 -0.05 8.15	55.01 -0.10 0.94	69.95 0.04 0.00	62.39 0.29 0.00	55.94 0.60 0.00	37.57 0.39 0.00	32.67 0.34 0.00	22.71 0.31 0.00	28.35 0.47 0.00
SITHE___OGDNSBRG 24021	34.41 0.68 -15.42	29.23 0.53 -12.92	34.60 0.71 -15.69	34.21 0.65 -15.55	35.45 0.70 -16.00	39.12 1.05 -17.27	43.95 1.58 -17.56	59.07 2.22 -24.39	44.28 1.59 -19.04	42.68 1.31 -18.56	45.99 1.61 -19.70	52.96 1.64 -22.32	61.40 1.23 -25.56	70.12 1.49 -29.26	82.58 1.85 -38.16	217.33 6.70 -85.59	70.33 4.40 -9.88	76.93 7.02 0.00	68.69 6.59 0.00	61.88 6.55 0.00	41.45 4.26 0.00	35.80 3.47 0.00	24.74 2.34 0.00	30.79 2.92 0.00
SITHE___STERLING 23777	19.39 0.21 -0.88	16.70 0.17 -0.74	19.29 0.20 -0.89	19.11 0.22 -0.89	19.96 0.30 -0.91	22.20 0.40 -0.98	26.43 0.58 -1.05	34.59 0.74 -1.39	25.30 0.57 -1.09	24.46 0.60 -1.06	26.52 0.72 -1.12	31.12 0.85 -1.27	37.02 0.96 -1.46	42.14 1.09 -1.67	45.96 1.22 -2.18	133.71 3.79 -4.88	58.34 1.73 -0.56	71.83 1.93 0.00	63.66 1.56 0.00	56.71 1.38 0.00	38.02 0.83 0.00	33.00 0.67 0.00	22.86 0.46 0.00	28.43 0.55 0.00
SLEIGHT__34_KV_TB1 80719	17.58 -0.72 0.00	15.14 -0.65 0.00	17.52 -0.69 0.00	17.33 -0.67 0.00	18.07 -0.68 0.00	20.12 -0.69 0.00	24.10 -0.70 0.00	31.33 -1.14 0.00	22.92 -0.72 0.00	22.26 -0.55 0.00	24.02 -0.66 0.00	28.20 -0.80 0.00	33.61 -1.00 0.00	38.03 -1.35 0.00	41.03 -1.53 0.00	120.29 -4.75 0.00	54.21 -1.84 0.00	67.73 -2.18 0.00	60.00 -2.10 0.00	53.42 -1.92 0.00	35.62 -1.57 0.00	30.88 -1.45 0.00	21.55 -0.85 0.00	27.00 -0.88 0.00
SOUTH CAIRO___GT 23612	19.25 0.95 0.00	16.66 0.87 0.00	19.17 0.97 0.00	18.95 0.95 0.00	19.77 1.03 0.00	21.97 1.16 0.00	26.30 1.50 0.00	34.43 1.97 0.00	24.75 1.11 0.00	23.61 0.80 0.00	25.43 0.75 0.00	30.23 1.23 0.00	35.94 1.33 0.00	41.05 1.67 0.00	44.68 2.12 0.00	132.58 7.54 0.00	59.55 3.51 0.00	74.73 4.83 0.00	66.33 4.24 0.00	58.69 3.36 0.00	39.53 2.34 0.00	34.20 1.87 0.00	23.38 0.97 0.00	28.91 1.03 0.00
SOUTH HAMPTN___IC 23720	19.82 1.52 0.00	17.17 1.38 0.00	19.65 1.45 0.00	19.48 1.47 0.00	19.98 1.23 0.00	21.98 1.17 0.00	26.11 1.30 0.00	34.34 1.88 0.00	24.99 1.35 0.00	24.00 0.97 -0.23	25.69 1.04 0.03	24.57 0.88 5.32	26.96 1.25 8.90	29.08 1.65 11.95	29.06 2.02 15.52	159.94 8.34 -26.56	63.16 4.25 -2.86	73.43 3.52 0.00	64.89 2.79 0.00	57.66 2.33 0.00	26.30 1.09 11.97	30.78 1.15 2.70	23.33 0.93 0.00	29.37 1.49 0.00
SOUTHDOW_115KV_TB1 355954	17.39 -0.91 0.00	14.95 -0.84 0.00	17.38 -0.82 0.00	17.25 -0.75 0.00	18.04 -0.71 0.00	20.29 -0.52 0.00	24.41 -0.39 0.00	31.32 -1.14 0.00	23.10 -0.54 0.00	22.68 -0.13 0.00	24.54 -0.13 0.00	28.95 -0.05 0.00	34.77 0.16 0.00	39.32 -0.06 0.00	42.31 -0.25 0.00	124.17 -0.87 0.00	56.23 0.19 0.00	69.79 -0.12 0.00	61.74 -0.36 0.00	54.94 -0.39 0.00	36.41 -0.78 0.00	31.70 -0.63 0.00	22.27 -0.13 0.00	28.27 0.39 0.00
SOUTHOLD_69_KV_BK 2 55809	19.58 1.28 0.00	16.95 1.17 0.00	19.40 1.20 0.00	19.23 1.23 0.00	19.73 0.99 0.00	21.71 0.90 0.00	25.81 1.01 0.00	33.96 1.50 0.00	24.70 1.05 0.00	23.71 0.67 -0.23	25.36 0.71 0.03	24.18 0.50 5.32	26.51 0.81 8.90	28.60 1.17 11.95	28.58 1.54 15.52	158.59 6.99 -26.56	62.55 3.64 -2.86	72.86 2.96 0.00	64.39 2.29 0.00	57.18 1.85 0.00	25.94 0.73 11.97	30.42 0.79 2.70	23.07 0.66 0.00	29.07 1.18 0.00
SOUTHOLD___IC 23719	19.59 1.28 0.00	16.95 1.17 0.00	19.40 1.20 0.00	19.24 1.23 0.00	19.73 0.99 0.00	21.71 0.90 0.00	25.81 1.01 0.00	33.96 1.50 0.00	24.70 1.06 0.00	23.71 0.68 -0.23	25.37 0.71 0.03	24.17 0.49 5.32	26.52 0.81 8.90	28.61 1.17 11.95	28.58 1.54 15.52	158.59 6.99 -26.56	62.54 3.63 -2.86	72.87 2.96 0.00	64.39 2.29 0.00	57.18 1.85 0.00	25.94 0.73 11.97	30.43 0.80 2.70	23.07 0.67 0.00	29.06 1.18 0.00
SOUTH_FORK_WT_PWR 323839	19.28 0.97 0.00	16.69 0.90 0.00	19.10 0.90 0.00	18.93 0.93 0.00	19.42 0.68 0.00	21.36 0.55 0.00	25.39 0.59 0.00	33.42 0.96 0.00	24.30 0.66 0.00	23.32 0.29 -0.23	24.94 0.30 0.03	23.68 -0.01 5.32	25.93 0.22 8.90	27.94 0.51 11.95	27.88 0.83 15.52	156.40 4.81 -26.56	61.56 2.66 -2.86	71.67 1.76 0.00	63.33 1.23 0.00	56.25 0.92 0.00	25.33 0.11 11.97	29.89 0.26 2.70	22.70 0.30 0.00	28.62 0.74 0.00
SPIERFLS_115KV_TB 1 80737	19.03 0.73 0.00	16.42 0.63 0.00	18.92 0.72 0.00	18.76 0.75 0.00	19.52 0.77 0.00	21.78 0.97 0.00	26.00 1.20 0.00	34.08 1.62 0.00	24.66 1.02 0.00	23.73 0.86 -0.07	25.62 0.94 0.00	30.12 1.12 0.00	35.92 1.31 0.00	41.16 1.78 0.00	44.56 2.00 0.00	139.50 5.79 -8.67	58.88 2.83 0.00	73.62 3.71 0.00	65.36 3.27 0.00	57.83 2.50 0.00	38.89 1.70 0.00	33.75 1.42 0.00	23.25 0.85 0.00	28.74 0.86 0.00
ST LAWRENCE____ 23600	16.69 -0.14 1.47	14.42 -0.14 1.23	16.58 -0.13 1.49	16.38 -0.14 1.48	17.07 -0.15 1.53	19.00 -0.16 1.64	20.65 -0.24 3.91	29.93 -0.21 2.33	21.69 -0.13 1.81	20.95 -0.08 1.77	22.67 -0.13 1.88	26.73 -0.14 2.13	32.02 -0.15 2.44	36.38 -0.21 2.79	38.63 -0.29 3.64	115.59 -1.29 8.15	54.45 -0.65 0.94	69.26 -0.65 0.00	61.78 -0.31 0.00	55.39 0.06 0.00	37.23 0.04 0.00	32.37 0.04 0.00	22.49 0.09 0.00	28.07 0.19 0.00
STATE_CA_115KV_115_LB 55624	18.88 0.58 0.00	16.33 0.55 0.00	18.78 0.58 0.00	18.57 0.57 0.00	19.34 0.59 0.00	21.48 0.67 0.00	25.64 0.83 0.00	33.59 1.13 0.00	24.39 0.75 0.00	23.53 0.65 -0.07	25.38 0.70 0.00	29.84 0.83 0.00	35.60 1.00 0.00	40.66 1.28 0.00	44.05 1.48 0.00	138.76 4.66 -9.06	58.15 2.11 0.00	72.56 2.66 0.00	64.32 2.23 0.00	57.05 1.71 0.00	38.44 1.26 0.00	33.37 1.04 0.00	22.86 0.46 0.00	28.31 0.43 0.00

STATE_ST_34_KV_LOAD 55959	18.03 -0.28 0.00	15.54 -0.25 0.00	17.93 -0.27 0.00	17.75 -0.25 0.00	18.50 -0.24 0.00	20.56 -0.26 0.00	24.57 -0.23 0.00	32.06 -0.41 0.00	23.37 -0.26 0.00	22.60 -0.20 0.00	24.47 -0.21 0.00	28.76 -0.24 0.00	34.29 -0.32 0.00	38.94 -0.44 0.00	42.07 -0.49 0.00	123.63 -1.41 0.00	55.58 -0.46 0.00	69.29 -0.61 0.00	61.45 -0.65 0.00	54.73 -0.61 0.00	36.61 -0.57 0.00	31.78 -0.55 0.00	22.06 -0.34 0.00	27.53 -0.35 0.00
STATION 5_MISC_HYD 23604	17.49 -0.81 0.00	15.06 -0.73 0.00	17.47 -0.73 0.00	17.27 -0.73 0.00	18.02 -0.73 0.00	20.04 -0.77 0.00	23.99 -0.81 0.00	31.08 -1.39 0.00	22.81 -0.83 0.00	22.18 -0.62 0.00	23.89 -0.78 0.00	28.01 -0.99 0.00	33.36 -1.25 0.00	37.70 -1.69 0.00	40.60 -1.96 0.00	118.86 -6.18 0.00	53.69 -2.36 0.00	67.12 -2.78 0.00	59.51 -2.59 0.00	52.97 -2.37 0.00	35.26 -1.93 0.00	30.60 -1.73 0.00	21.45 -0.95 0.00	26.98 -0.90 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.72 -0.58 0.00	15.26 -0.53 0.00	17.66 -0.54 0.00	17.47 -0.53 0.00	18.22 -0.53 0.00	20.29 -0.52 0.00	24.32 -0.49 0.00	31.65 -0.82 0.00	23.16 -0.48 0.00	22.49 -0.31 0.00	24.29 -0.39 0.00	28.50 -0.51 0.00	33.94 -0.67 0.00	38.40 -0.98 0.00	41.47 -1.10 0.00	121.55 -3.49 0.00	54.81 -1.24 0.00	68.43 -1.48 0.00	60.65 -1.45 0.00	54.00 -1.33 0.00	35.99 -1.20 0.00	31.21 -1.12 0.00	21.77 -0.63 0.00	27.29 -0.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.43 -0.87 0.00	15.01 -0.78 0.00	17.40 -0.80 0.00	17.21 -0.79 0.00	17.95 -0.80 0.00	19.97 -0.85 0.00	23.90 -0.91 0.00	30.99 -1.48 0.00	22.73 -0.91 0.00	22.11 -0.69 0.00	23.83 -0.85 0.00	27.94 -1.07 0.00	33.27 -1.33 0.00	37.61 -1.77 0.00	40.54 -2.03 0.00	118.64 -6.40 0.00	53.54 -2.50 0.00	66.96 -2.94 0.00	59.34 -2.76 0.00	52.83 -2.50 0.00	35.18 -2.01 0.00	30.52 -1.81 0.00	21.38 -1.02 0.00	26.87 -1.01 0.00
STA_56___34_KV_BUS2 355983	17.43 -0.87 0.00	15.01 -0.78 0.00	17.40 -0.80 0.00	17.21 -0.79 0.00	17.95 -0.80 0.00	19.97 -0.85 0.00	23.90 -0.91 0.00	30.99 -1.48 0.00	22.73 -0.91 0.00	22.11 -0.69 0.00	23.83 -0.85 0.00	27.94 -1.07 0.00	33.27 -1.33 0.00	37.61 -1.77 0.00	40.54 -2.03 0.00	118.64 -6.40 0.00	53.54 -2.50 0.00	66.96 -2.94 0.00	59.34 -2.76 0.00	52.83 -2.50 0.00	35.18 -2.01 0.00	30.52 -1.81 0.00	21.38 -1.02 0.00	26.87 -1.01 0.00
STA_67___115KV_BK2 355882	17.45 -0.85 0.00	15.03 -0.76 0.00	17.43 -0.77 0.00	17.25 -0.76 0.00	17.98 -0.76 0.00	20.00 -0.81 0.00	23.93 -0.87 0.00	31.01 -1.45 0.00	22.75 -0.89 0.00	22.14 -0.66 0.00	23.84 -0.84 0.00	27.95 -1.06 0.00	33.28 -1.32 0.00	37.61 -1.77 0.00	40.52 -2.04 0.00	118.61 -6.43 0.00	53.54 -2.50 0.00	66.96 -2.94 0.00	59.34 -2.76 0.00	52.85 -2.49 0.00	35.19 -2.00 0.00	30.53 -1.80 0.00	21.41 -0.99 0.00	26.93 -0.95 0.00
STA_7___115KV_9TRANS 80674	17.61 -0.69 0.00	15.15 -0.63 0.00	17.58 -0.63 0.00	17.38 -0.63 0.00	18.13 -0.62 0.00	20.17 -0.64 0.00	24.15 -0.66 0.00	31.31 -1.16 0.00	22.97 -0.67 0.00	22.36 -0.45 0.00	24.09 -0.59 0.00	28.24 -0.76 0.00	33.61 -0.99 0.00	37.98 -1.40 0.00	40.93 -1.63 0.00	119.77 -5.26 0.00	54.13 -1.92 0.00	67.69 -2.22 0.00	60.01 -2.09 0.00	53.42 -1.91 0.00	35.56 -1.62 0.00	30.85 -1.49 0.00	21.61 -0.80 0.00	27.16 -0.72 0.00
STA_82___115KV_TB1 80780	17.46 -0.84 0.00	15.03 -0.75 0.00	17.44 -0.77 0.00	17.25 -0.75 0.00	17.99 -0.76 0.00	20.00 -0.81 0.00	23.94 -0.86 0.00	31.03 -1.44 0.00	22.76 -0.88 0.00	22.15 -0.66 0.00	23.85 -0.82 0.00	27.96 -1.04 0.00	33.30 -1.31 0.00	37.62 -1.76 0.00	40.53 -2.03 0.00	118.62 -6.42 0.00	53.58 -2.47 0.00	66.99 -2.92 0.00	59.38 -2.72 0.00	52.87 -2.46 0.00	35.20 -1.99 0.00	30.54 -1.79 0.00	21.41 -0.99 0.00	26.94 -0.94 0.00
STEEL___WIND 323596	17.07 -1.23 0.00	14.70 -1.09 0.00	17.13 -1.07 0.00	16.94 -1.06 0.00	17.69 -1.05 0.00	19.70 -1.11 0.00	23.64 -1.17 0.00	30.46 -2.00 0.00	22.40 -1.24 0.00	21.87 -0.93 0.00	23.52 -1.16 0.00	27.57 -1.43 0.00	32.90 -1.71 0.00	37.06 -2.32 0.00	39.92 -2.64 0.00	116.66 -8.38 0.00	53.13 -2.91 0.00	66.28 -3.63 0.00	58.82 -3.28 0.00	52.56 -2.78 0.00	34.79 -2.40 0.00	30.26 -2.07 0.00	21.39 -1.01 0.00	27.14 -0.74 0.00
STEPHTWN_115KV_BK_2 55603	18.95 0.65 0.00	16.41 0.62 0.00	18.82 0.62 0.00	18.61 0.61 0.00	19.42 0.67 0.00	21.53 0.72 0.00	25.76 0.96 0.00	33.76 1.30 0.00	24.48 0.83 0.00	23.60 0.73 -0.07	25.45 0.77 0.00	29.88 0.87 0.00	35.74 1.13 0.00	40.79 1.41 0.00	44.14 1.57 0.00	139.27 5.14 -9.09	58.39 2.34 0.00	73.18 3.28 0.00	64.73 2.63 0.00	57.38 2.05 0.00	38.57 1.39 0.00	33.47 1.14 0.00	22.93 0.53 0.00	28.41 0.53 0.00
STEUBEN_REC_LFGE 323667	16.50 -1.80 0.00	14.18 -1.61 0.00	16.51 -1.69 0.00	16.28 -1.73 0.00	17.00 -1.75 0.00	18.99 -1.82 0.00	23.08 -1.73 0.00	30.30 -2.16 0.00	21.90 -1.74 0.00	21.11 -1.69 0.00	22.98 -1.70 0.00	26.99 -2.01 0.00	32.37 -2.23 0.00	36.78 -2.60 0.00	40.57 -2.00 0.00	120.23 -4.81 0.00	54.57 -1.48 0.00	67.78 -2.13 0.00	60.09 -2.01 0.00	53.87 -1.46 0.00	35.80 -1.39 0.00	30.81 -1.52 0.00	21.45 -0.95 0.00	26.93 -0.95 0.00
STILLWATER___SOLAR 323814	19.17 0.88 0.00	16.56 0.77 0.00	19.07 0.87 0.00	18.88 0.88 0.00	19.65 0.91 0.00	21.88 1.07 0.00	26.11 1.31 0.00	34.19 1.73 0.00	24.75 1.11 0.00	23.83 0.96 -0.07	25.72 1.04 0.00	30.25 1.25 0.00	36.11 1.50 0.00	41.31 1.93 0.00	44.74 2.18 0.00	140.42 6.55 -8.84	59.10 3.06 0.00	73.83 3.93 0.00	65.51 3.41 0.00	58.06 2.72 0.00	39.10 1.91 0.00	33.95 1.61 0.00	23.39 0.99 0.00	28.96 1.09 0.00
STONY___BROOK 24151	19.94 1.64 0.00	17.27 1.48 0.00	19.76 1.56 0.00	19.58 1.57 0.00	20.09 1.34 0.00	22.10 1.29 0.00	26.22 1.41 0.00	34.49 2.03 0.00	25.14 1.50 0.00	24.19 1.16 -0.23	25.91 1.26 0.03	24.87 1.16 5.30	27.24 1.51 8.88	29.36 1.91 11.93	29.28 2.20 15.49	160.07 8.47 -26.56	63.19 4.27 -2.88	73.95 4.04 0.00	65.62 3.53 0.00	58.10 2.77 0.00	26.59 1.35 11.95	30.81 1.18 2.70	23.40 1.00 0.00	29.47 1.60 0.00
STURGEON_POOL_HYD 23609	19.15 0.84 0.00	16.49 0.70 0.00	18.97 0.77 0.00	18.77 0.77 0.00	19.50 0.76 0.00	21.69 0.88 0.00	25.90 1.10 0.00	34.05 1.59 0.00	24.79 1.15 0.00	23.76 1.03 0.08	25.84 1.16 0.00	30.33 1.32 0.00	36.27 1.66 0.00	41.34 1.96 0.00	44.74 2.18 0.00	122.28 6.85 9.61	59.33 3.28 0.00	73.86 3.95 0.00	65.31 3.21 0.00	57.98 2.64 0.00	38.96 1.77 0.00	33.88 1.55 0.00	23.40 1.00 0.00	29.00 1.12 0.00
ST_LAW_115_BK7_LBMP 345037	16.69 -0.14 1.47	14.42 -0.14 1.23	16.58 -0.12 1.49	16.38 -0.14 1.48	17.07 -0.15 1.53	19.00 -0.16 1.64	20.65 -0.24 3.91	29.93 -0.21 2.33	21.69 -0.13 1.81	20.95 -0.08 1.77	22.68 -0.12 1.88	26.74 -0.13 2.13	32.04 -0.13 2.44	36.40 -0.19 2.79	38.64 -0.29 3.64	115.61 -1.28 8.15	54.45 -0.65 0.94	69.28 -0.62 0.00	61.78 -0.31 0.00	55.40 0.07 0.00	37.23 0.04 0.00	32.37 0.04 0.00	22.49 0.09 0.00	28.07 0.20 0.00

ST_LAW_115_BK8_LBMP 345038	16.69 -0.14 1.47	14.42 -0.14 1.23	16.58 -0.12 1.49	16.38 -0.14 1.48	17.07 -0.15 1.53	19.00 -0.16 1.64	20.65 -0.24 3.91	29.93 -0.21 2.33	21.69 -0.13 1.81	20.95 -0.08 1.77	22.68 -0.12 1.88	26.74 -0.13 2.13	32.04 -0.13 2.44	36.40 -0.19 2.79	38.64 -0.29 3.64	115.61 -1.28 8.15	54.45 -0.65 0.94	69.28 -0.62 0.00	61.78 -0.31 0.00	55.40 0.07 0.00	37.23 0.04 0.00	32.37 0.04 0.00	22.49 0.09 0.00	28.07 0.20 0.00
ST_LAW_230_BK5_LBMP 345035	16.69 -0.14 1.47	14.42 -0.14 1.23	16.58 -0.13 1.49	16.38 -0.14 1.48	17.07 -0.15 1.53	19.00 -0.16 1.64	20.65 -0.24 3.91	29.93 -0.21 2.33	21.69 -0.13 1.81	20.95 -0.08 1.77	22.67 -0.13 1.88	26.73 -0.14 2.13	32.02 -0.15 2.44	36.38 -0.21 2.79	38.63 -0.29 3.64	115.59 -1.29 8.15	54.45 -0.65 0.94	69.26 -0.65 0.00	61.78 -0.31 0.00	55.39 0.06 0.00	37.23 0.04 0.00	32.37 0.04 0.00	22.49 0.09 0.00	28.07 0.19 0.00
ST_LAW_230_BK6_LBMP 345036	16.69 -0.14 1.47	14.42 -0.14 1.23	16.58 -0.13 1.49	16.38 -0.14 1.48	17.07 -0.15 1.53	19.00 -0.16 1.64	20.65 -0.24 3.91	29.93 -0.21 2.33	21.69 -0.13 1.81	20.95 -0.08 1.77	22.67 -0.13 1.88	26.73 -0.14 2.13	32.02 -0.15 2.44	36.38 -0.21 2.79	38.63 -0.29 3.64	115.59 -1.29 8.15	54.45 -0.65 0.94	69.26 -0.65 0.00	61.78 -0.31 0.00	55.39 0.06 0.00	37.23 0.04 0.00	32.37 0.04 0.00	22.49 0.09 0.00	28.07 0.19 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.29 0.99 0.00	16.60 0.81 0.00	19.09 0.89 0.00	18.89 0.88 0.00	19.60 0.85 0.00	21.86 1.05 0.00	26.09 1.29 0.00	34.30 1.84 0.00	24.95 1.31 0.00	23.27 1.16 0.69	26.03 1.35 0.00	30.65 1.65 0.00	36.60 1.99 0.00	41.73 2.35 0.00	45.17 2.61 0.00	45.57 7.86 87.33	59.92 3.88 0.00	74.45 4.54 0.00	65.78 3.69 0.00	58.39 3.05 0.00	39.21 2.03 0.00	34.10 1.77 0.00	23.55 1.15 0.00	29.19 1.31 0.00
SWANROAD_115KV_TB1 355699	16.58 -1.73 0.00	14.27 -1.51 0.00	16.65 -1.55 0.00	16.47 -1.54 0.00	17.19 -1.55 0.00	19.11 -1.70 0.00	22.88 -1.92 0.00	29.32 -3.14 0.00	21.64 -2.01 0.00	21.16 -1.64 0.00	22.65 -2.03 0.00	26.46 -2.54 0.00	31.50 -3.11 0.00	35.42 -3.97 0.00	38.10 -4.47 0.00	110.97 -14.06 0.00	50.47 -5.58 0.00	63.22 -6.69 0.00	55.99 -6.11 0.00	49.98 -5.36 0.00	33.16 -4.02 0.00	28.86 -3.47 0.00	20.55 -1.86 0.00	26.12 -1.76 0.00
SYNERGY___BIOGAS 323694	17.45 -0.85 0.00	15.01 -0.78 0.00	17.47 -0.74 0.00	17.27 -0.73 0.00	18.03 -0.71 0.00	20.09 -0.72 0.00	24.13 -0.67 0.00	31.14 -1.32 0.00	22.94 -0.70 0.00	22.36 -0.44 0.00	24.03 -0.65 0.00	28.09 -0.91 0.00	33.42 -1.19 0.00	37.67 -1.70 0.00	40.54 -2.03 0.00	118.33 -6.71 0.00	53.78 -2.26 0.00	67.42 -2.49 0.00	59.71 -2.39 0.00	53.20 -2.14 0.00	35.28 -1.91 0.00	30.60 -1.73 0.00	21.59 -0.81 0.00	27.29 -0.59 0.00
SYRACUSE___ENERGY_ST1 323597	18.03 -0.28 0.00	15.53 -0.25 0.00	17.92 -0.28 0.00	17.74 -0.27 0.00	18.48 -0.27 0.00	20.51 -0.30 0.00	24.48 -0.33 0.00	31.93 -0.53 0.00	23.27 -0.37 0.00	22.49 -0.31 0.00	24.35 -0.33 0.00	28.61 -0.39 0.00	34.13 -0.48 0.00	38.75 -0.63 0.00	41.87 -0.69 0.00	123.01 -2.03 0.00	55.24 -0.80 0.00	68.91 -1.00 0.00	61.11 -0.99 0.00	54.40 -0.93 0.00	36.45 -0.73 0.00	31.67 -0.66 0.00	21.99 -0.41 0.00	27.40 -0.48 0.00
SYRACUSE___ENERGY_ST2 323598	18.03 -0.28 0.00	15.53 -0.25 0.00	17.92 -0.28 0.00	17.74 -0.27 0.00	18.48 -0.27 0.00	20.51 -0.30 0.00	24.48 -0.33 0.00	31.93 -0.53 0.00	23.27 -0.37 0.00	22.49 -0.31 0.00	24.35 -0.33 0.00	28.61 -0.39 0.00	34.13 -0.48 0.00	38.75 -0.63 0.00	41.87 -0.69 0.00	123.01 -2.03 0.00	55.24 -0.80 0.00	68.91 -1.00 0.00	61.11 -0.99 0.00	54.40 -0.93 0.00	36.45 -0.73 0.00	31.67 -0.66 0.00	21.99 -0.41 0.00	27.40 -0.48 0.00
SYRACUSE___POWER 24017	18.03 -0.27 0.00	15.54 -0.25 0.00	17.93 -0.28 0.00	17.74 -0.26 0.00	18.49 -0.26 0.00	20.53 -0.28 0.00	24.51 -0.30 0.00	31.98 -0.49 0.00	23.32 -0.33 0.00	22.54 -0.26 0.00	24.40 -0.28 0.00	28.68 -0.32 0.00	34.20 -0.40 0.00	38.84 -0.55 0.00	41.97 -0.59 0.00	123.37 -1.67 0.00	55.35 -0.69 0.00	69.00 -0.90 0.00	61.20 -0.89 0.00	54.49 -0.85 0.00	36.50 -0.69 0.00	31.72 -0.61 0.00	22.02 -0.38 0.00	27.44 -0.44 0.00
TALLMAN___138KV_BK151 55660	19.35 1.05 0.00	16.65 0.86 0.00	19.15 0.95 0.00	18.95 0.94 0.00	19.65 0.91 0.00	21.92 1.11 0.00	26.17 1.37 0.00	34.42 1.96 0.00	25.05 1.41 0.00	23.16 1.26 0.90	26.14 1.47 0.00	30.79 1.79 0.00	36.78 2.17 0.00	41.93 2.55 0.00	45.36 2.80 0.00	19.37 8.33 114.00	60.11 4.07 0.00	74.63 4.73 0.00	65.93 3.84 0.00	58.50 3.17 0.00	39.29 2.10 0.00	34.19 1.86 0.00	23.60 1.20 0.00	29.27 1.39 0.00
TEALLAVE_115KV_TB7 355573	17.95 -0.35 0.00	15.47 -0.32 0.00	17.85 -0.35 0.00	17.66 -0.35 0.00	18.41 -0.34 0.00	20.44 -0.37 0.00	24.39 -0.42 0.00	31.81 -0.65 0.00	23.20 -0.44 0.00	22.43 -0.37 0.00	24.27 -0.40 0.00	28.54 -0.46 0.00	34.02 -0.58 0.00	38.64 -0.74 0.00	41.75 -0.81 0.00	122.64 -2.40 0.00	55.02 -1.02 0.00	68.59 -1.32 0.00	60.80 -1.30 0.00	54.14 -1.19 0.00	36.28 -0.91 0.00	31.54 -0.79 0.00	21.90 -0.50 0.00	27.30 -0.58 0.00
TELGRAPH_34_KV_EAST 80808	17.05 -1.25 0.00	14.68 -1.11 0.00	17.10 -1.11 0.00	16.91 -1.10 0.00	17.65 -1.10 0.00	19.64 -1.17 0.00	23.55 -1.25 0.00	30.30 -2.16 0.00	22.34 -1.30 0.00	21.82 -0.99 0.00	23.41 -1.27 0.00	27.35 -1.65 0.00	32.56 -2.04 0.00	36.65 -2.73 0.00	39.45 -3.12 0.00	115.04 -10.00 0.00	52.29 -3.75 0.00	65.52 -4.39 0.00	58.02 -4.07 0.00	51.76 -3.58 0.00	34.33 -2.86 0.00	29.82 -2.51 0.00	21.13 -1.27 0.00	26.78 -1.10 0.00
TEMPLE___115KV_TB 2 55572	17.96 -0.34 0.00	15.47 -0.31 0.00	17.86 -0.34 0.00	17.67 -0.33 0.00	18.42 -0.33 0.00	20.45 -0.36 0.00	24.40 -0.40 0.00	31.83 -0.63 0.00	23.21 -0.43 0.00	22.44 -0.36 0.00	24.29 -0.39 0.00	28.55 -0.46 0.00	34.04 -0.56 0.00	38.66 -0.72 0.00	41.76 -0.80 0.00	122.66 -2.38 0.00	55.05 -0.99 0.00	68.63 -1.28 0.00	60.85 -1.25 0.00	54.17 -1.16 0.00	36.30 -0.89 0.00	31.56 -0.77 0.00	21.91 -0.49 0.00	27.31 -0.57 0.00
TIANA____69_KV_BK 1 55817	19.87 1.57 0.00	17.21 1.43 0.00	19.71 1.51 0.00	19.53 1.53 0.00	20.04 1.29 0.00	22.04 1.23 0.00	26.17 1.37 0.00	34.43 1.97 0.00	25.06 1.42 0.00	24.06 1.03 -0.23	25.76 1.11 0.03	24.66 0.97 5.32	27.05 1.35 8.90	29.18 1.76 11.95	29.17 2.12 15.52	160.29 8.69 -26.56	63.32 4.41 -2.86	73.63 3.72 0.00	65.08 2.98 0.00	57.82 2.49 0.00	26.42 1.21 11.97	30.87 1.24 2.70	23.40 1.00 0.00	29.45 1.57 0.00
TILDEN___115KV_TB1 80814	18.03 -0.27 0.00	15.54 -0.25 0.00	17.93 -0.28 0.00	17.74 -0.26 0.00	18.49 -0.26 0.00	20.53 -0.28 0.00	24.51 -0.30 0.00	31.98 -0.49 0.00	23.32 -0.33 0.00	22.54 -0.26 0.00	24.40 -0.28 0.00	28.68 -0.32 0.00	34.20 -0.40 0.00	38.84 -0.55 0.00	41.97 -0.59 0.00	123.37 -1.67 0.00	55.35 -0.69 0.00	69.00 -0.90 0.00	61.20 -0.89 0.00	54.49 -0.85 0.00	36.50 -0.69 0.00	31.72 -0.61 0.00	22.02 -0.38 0.00	27.44 -0.44 0.00

TRIGEN___CC 323695	19.67 1.37 0.00	16.99 1.21 0.00	19.48 1.28 0.00	19.29 1.29 0.00	19.88 1.13 0.00	22.00 1.19 0.00	26.14 1.33 0.00	34.39 1.93 0.00	25.08 1.44 0.00	24.22 1.19 -0.23	26.01 1.34 0.00	29.25 1.48 1.24	29.65 1.86 6.82	32.16 2.23 9.45	32.63 2.49 12.42	161.90 9.37 -27.49	65.87 4.83 -5.00	75.18 5.27 0.00	66.78 4.68 0.00	59.11 3.77 0.00	29.68 1.92 9.42	31.69 1.55 2.19	23.51 1.11 0.00	29.39 1.51 0.00
TRINITY___115KV___4 BK 55933	18.82 0.52 0.00	16.28 0.50 0.00	18.72 0.52 0.00	18.51 0.51 0.00	19.28 0.53 0.00	21.41 0.60 0.00	25.53 0.73 0.00	33.46 1.00 0.00	24.30 0.66 0.00	23.43 0.55 -0.07	25.26 0.58 0.00	29.67 0.66 0.00	35.41 0.80 0.00	40.47 1.08 0.00	43.82 1.26 0.00	138.23 4.04 -9.15	57.84 1.79 0.00	72.18 2.27 0.00	64.01 1.91 0.00	56.78 1.44 0.00	38.28 1.09 0.00	33.24 0.91 0.00	22.78 0.37 0.00	28.20 0.32 0.00
UNION___PROCESSING_DRP 323587	17.46 -0.84 0.00	15.03 -0.75 0.00	17.44 -0.76 0.00	17.25 -0.75 0.00	17.99 -0.76 0.00	20.01 -0.80 0.00	23.94 -0.86 0.00	31.03 -1.44 0.00	22.77 -0.87 0.00	22.15 -0.65 0.00	23.86 -0.81 0.00	27.96 -1.04 0.00	33.30 -1.30 0.00	37.63 -1.75 0.00	40.55 -2.02 0.00	118.63 -6.40 0.00	53.58 -2.46 0.00	67.01 -2.90 0.00	59.39 -2.71 0.00	52.88 -2.45 0.00	35.20 -1.99 0.00	30.55 -1.78 0.00	21.42 -0.98 0.00	26.94 -0.94 0.00
UPPER HUDSON___HYD 24058	19.03 0.73 0.00	16.42 0.64 0.00	18.92 0.72 0.00	18.75 0.75 0.00	19.52 0.77 0.00	21.78 0.97 0.00	26.00 1.20 0.00	34.08 1.62 0.00	24.66 1.02 0.00	23.73 0.86 -0.07	25.62 0.94 0.00	30.12 1.12 0.00	35.92 1.31 0.00	41.16 1.77 0.00	44.56 2.00 0.00	139.51 5.79 -8.67	58.88 2.83 0.00	73.61 3.71 0.00	65.36 3.26 0.00	57.84 2.50 0.00	38.89 1.70 0.00	33.75 1.42 0.00	23.25 0.85 0.00	28.74 0.86 0.00
UPPER RAQUET___HYD 24056	33.78 0.05 -15.42	28.71 0.00 -12.92	33.96 0.07 -15.69	33.57 0.01 -15.55	34.77 0.03 -16.00	38.31 0.23 -17.27	42.86 0.50 -17.56	57.64 0.79 -24.39	43.28 0.59 -19.04	41.86 0.49 -18.56	45.04 0.67 -19.70	52.07 0.74 -22.32	60.58 0.41 -25.56	69.09 0.45 -29.26	81.34 0.62 -38.16	213.48 2.85 -85.59	68.11 2.18 -9.88	73.65 3.75 0.00	65.82 3.72 0.00	59.29 3.96 0.00	39.83 2.64 0.00	34.51 2.18 0.00	23.90 1.50 0.00	29.80 1.92 0.00
VALLEY44_115KV_TB2 355964	17.80 -0.51 0.00	15.31 -0.48 0.00	17.81 -0.39 0.00	17.64 -0.37 0.00	18.43 -0.32 0.00	20.44 -0.37 0.00	24.37 -0.43 0.00	31.53 -0.93 0.00	23.19 -0.45 0.00	22.70 -0.10 0.00	24.63 -0.05 0.00	29.04 0.04 0.00	34.69 0.08 0.00	39.06 -0.32 0.00	41.89 -0.68 0.00	122.29 -2.75 0.00	55.60 -0.45 0.00	68.89 -1.02 0.00	61.03 -1.06 0.00	54.58 -0.76 0.00	36.18 -1.01 0.00	31.38 -0.95 0.00	22.10 -0.30 0.00	28.02 0.14 0.00
VALLEY___115KV_TB 1-4 80826	18.38 0.08 0.00	15.91 0.13 0.00	18.32 0.12 0.00	18.10 0.10 0.00	18.87 0.12 0.00	21.01 0.20 0.00	25.19 0.27 -0.12	32.84 0.38 0.00	23.79 0.15 0.00	22.87 0.07 0.00	24.85 0.17 0.00	29.12 0.12 0.00	34.66 0.06 0.00	39.47 0.09 0.00	42.89 0.33 0.00	126.74 1.70 0.00	56.73 0.69 0.00	70.53 0.62 0.00	62.52 0.43 0.00	55.44 0.11 0.00	37.47 0.28 0.00	32.67 0.34 0.00	22.50 0.10 0.00	27.90 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.65 0.34 0.00	16.10 0.31 0.00	18.57 0.37 0.00	18.38 0.38 0.00	19.19 0.44 0.00	21.26 0.45 0.00	25.39 0.59 0.00	33.24 0.78 0.00	24.21 0.57 0.00	23.39 0.58 0.00	25.35 0.68 0.00	29.77 0.77 0.00	35.58 0.97 0.00	40.40 1.02 0.00	43.67 1.11 0.00	128.24 3.21 0.00	57.56 1.52 0.00	71.83 1.93 0.00	63.69 1.59 0.00	56.72 1.39 0.00	38.05 0.86 0.00	33.06 0.72 0.00	22.87 0.47 0.00	28.47 0.59 0.00
VISCHER___FERRY HYD 24020	19.07 0.77 0.00	16.47 0.68 0.00	18.97 0.76 0.00	18.77 0.78 0.00	19.53 0.78 0.00	21.72 0.91 0.00	25.88 1.08 0.00	33.91 1.45 0.00	24.60 0.96 0.00	23.70 0.82 -0.07	25.53 0.85 0.00	29.95 0.94 0.00	35.76 1.15 0.00	40.93 1.55 0.00	44.32 1.76 0.00	139.85 5.52 -9.30	58.47 2.42 0.00	72.99 3.09 0.00	64.78 2.68 0.00	57.43 2.10 0.00	38.77 1.58 0.00	33.68 1.35 0.00	23.19 0.78 0.00	28.73 0.85 0.00
V_A_10_SYNC_DSASP 323832	16.97 -1.33 0.00	14.62 -1.17 0.00	17.02 -1.19 0.00	16.84 -1.16 0.00	17.56 -1.18 0.00	19.52 -1.29 0.00	23.34 -1.46 0.00	30.08 -2.38 0.00	22.12 -1.52 0.00	21.58 -1.22 0.00	23.20 -1.48 0.00	27.17 -1.83 0.00	32.37 -2.23 0.00	36.48 -2.90 0.00	39.23 -3.33 0.00	114.46 -10.57 0.00	51.81 -4.23 0.00	64.77 -5.14 0.00	57.40 -4.70 0.00	51.18 -4.16 0.00	33.99 -3.19 0.00	29.55 -2.78 0.00	20.88 -1.52 0.00	26.44 -1.44 0.00
V_CMM_10_SYNC_DSASP 323787	16.79 -0.04 1.47	14.51 -0.05 1.23	16.68 -0.03 1.49	16.48 -0.05 1.48	17.18 -0.05 1.53	19.11 -0.05 1.64	20.79 -0.10 3.91	30.10 -0.03 2.33	21.83 0.00 1.81	21.09 0.05 1.77	22.81 0.01 1.88	26.91 0.03 2.13	32.23 0.06 2.44	36.62 0.03 2.79	38.88 -0.05 3.64	116.32 -0.57 8.15	54.76 -0.34 0.94	69.66 -0.25 0.00	62.12 0.02 0.00	55.70 0.36 0.00	37.42 0.23 0.00	32.54 0.21 0.00	22.62 0.21 0.00	28.23 0.35 0.00
V_CMP_10_SYNC_DSASP 323788	-7.46 -0.75 25.01	-5.89 -0.73 20.94	-7.97 -0.74 25.43	-7.95 -0.73 25.22	-7.99 -0.80 25.94	-7.94 -0.75 28.00	-7.99 -0.93 31.87	-8.23 -1.14 39.55	-8.07 -0.83 30.88	-8.05 -0.75 30.10	-8.04 -0.78 31.94	-8.15 -0.95 36.20	-7.78 -0.93 41.45	-9.01 -0.95 47.45	-20.38 -1.07 61.88	-17.86 -4.11 138.79	38.48 -1.54 16.02	68.77 -1.14 0.00	61.99 -0.11 0.00	56.28 0.94 0.00	38.43 1.25 0.00	33.42 1.09 0.00	23.14 0.73 0.00	28.79 0.91 0.00
V_D_10_SYNC_DSASP 323841	16.87 0.04 1.47	14.57 0.02 1.23	16.76 0.05 1.49	16.56 0.04 1.48	17.26 0.04 1.53	19.21 0.04 1.64	102.53 0.02 -77.71	341.61 0.27 -308.88	21.93 0.10 1.81	21.18 0.15 1.77	22.92 0.12 1.88	27.03 0.16 2.13	32.38 0.21 2.44	36.79 0.20 2.79	39.06 0.13 3.64	116.83 -0.05 8.15	55.01 -0.10 0.94	69.95 0.04 0.00	62.39 0.29 0.00	55.94 0.60 0.00	37.57 0.39 0.00	32.67 0.34 0.00	22.71 0.31 0.00	28.35 0.47 0.00
V_E_10_SYNC_DSASP 323830	18.68 0.38 0.00	16.06 0.27 0.00	18.56 0.36 0.00	18.31 0.30 0.00	19.15 0.40 0.00	21.40 0.59 0.00	25.75 0.95 0.00	33.89 1.43 0.00	24.68 1.04 0.00	23.95 1.19 0.04	25.85 1.17 0.00	30.69 1.69 0.00	36.42 1.82 0.00	41.47 2.09 0.00	45.04 2.48 0.00	127.55 7.38 4.87	59.89 3.85 0.00	74.66 4.75 0.00	66.38 4.28 0.00	59.34 4.00 0.00	39.51 2.32 0.00	34.10 1.78 0.00	23.56 1.16 0.00	29.26 1.38 0.00
V_F_30_NSYNC___DSASP 323816	19.19 0.89 0.00	16.56 0.78 0.00	19.08 0.88 0.00	18.90 0.89 0.00	19.67 0.92 0.00	21.89 1.08 0.00	26.13 1.33 0.00	34.21 1.75 0.00	24.78 1.14 0.00	23.87 1.00 -0.07	25.77 1.09 0.00	30.31 1.31 0.00	36.17 1.56 0.00	41.36 1.98 0.00	44.79 2.23 0.00	140.47 6.67 -8.76	59.17 3.13 0.00	73.91 4.01 0.00	65.55 3.46 0.00	58.12 2.78 0.00	39.13 1.95 0.00	33.97 1.64 0.00	23.41 1.01 0.00	28.99 1.11 0.00

V_F_30_SYNC_DSASP 323786	18.88 0.58 0.00	16.33 0.55 0.00	18.77 0.57 0.00	18.57 0.56 0.00	19.34 0.59 0.00	21.48 0.67 0.00	25.64 0.83 0.00	33.59 1.12 0.00	24.39 0.75 0.00	23.53 0.65 -0.07	25.38 0.70 0.00	29.83 0.83 0.00	35.60 1.00 0.00	40.66 1.28 0.00	44.04 1.48 0.00	138.77 4.66 -9.07	58.15 2.11 0.00	72.55 2.65 0.00	64.31 2.22 0.00	57.04 1.71 0.00	38.44 1.25 0.00	33.36 1.03 0.00	22.86 0.46 0.00	28.31 0.43 0.00
V_XM_10_SYNC_DSASP 323789	-7.46 -0.75 25.01	-5.89 -0.73 20.94	-7.97 -0.74 25.43	-7.95 -0.73 25.22	-7.99 -0.80 25.94	-7.94 -0.75 28.00	-7.99 -0.93 31.87	-8.23 -1.14 39.55	-8.07 -0.83 30.88	-8.05 -0.75 30.10	-8.04 -0.78 31.94	-8.15 -0.95 36.20	-7.78 -0.93 41.45	-9.01 -0.95 47.45	-20.38 -1.07 61.88	-17.86 -4.11 138.79	38.48 -1.54 16.02	68.77 -1.14 0.00	61.99 -0.11 0.00	56.28 0.94 0.00	38.43 1.25 0.00	33.42 1.09 0.00	23.14 0.73 0.00	28.79 0.91 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.41 1.11 0.00	16.70 0.91 0.00	19.21 1.01 0.00	19.00 1.00 0.00	19.71 0.96 0.00	21.99 1.18 0.00	26.26 1.46 0.00	34.53 2.07 0.00	25.13 1.49 0.00	23.02 1.34 1.12	26.23 1.55 0.00	30.89 1.89 0.00	36.89 2.29 0.00	42.07 2.69 0.00	45.51 2.95 0.00	-7.97 8.74 141.75	60.30 4.26 0.00	74.86 4.95 0.00	66.12 4.02 0.00	58.67 3.33 0.00	39.40 2.21 0.00	34.27 1.94 0.00	23.67 1.27 0.00	29.33 1.45 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.53 1.23 0.00	16.80 1.02 0.00	19.32 1.12 0.00	19.13 1.12 0.00	19.81 1.06 0.00	22.09 1.28 0.00	26.41 1.61 0.00	34.76 2.30 0.00	25.31 1.67 0.00	24.56 1.54 -0.23	26.46 1.78 0.00	31.12 2.12 0.00	37.12 2.52 0.00	42.31 2.93 0.00	45.77 3.21 0.00	164.34 9.55 -29.74	60.65 4.61 0.00	75.38 5.47 0.00	66.52 4.43 0.00	59.00 3.66 0.00	39.63 2.44 0.00	34.48 2.15 0.00	23.81 1.41 0.00	29.49 1.61 0.00
W50THST__13_KV_LOAD 356117	19.65 1.35 0.00	16.90 1.11 0.00	19.42 1.22 0.00	19.23 1.22 0.00	19.91 1.17 0.00	22.22 1.41 0.00	26.59 1.79 0.00	35.03 2.57 0.00	25.53 1.89 0.00	24.79 1.76 -0.23	26.72 2.04 0.00	31.44 2.44 0.00	37.51 2.91 0.00	42.75 3.37 0.00	46.24 3.68 0.00	165.71 10.92 -29.74	61.27 5.23 0.00	76.12 6.22 0.00	67.12 5.03 0.00	59.48 4.14 0.00	39.93 2.74 0.00	34.76 2.43 0.00	23.99 1.59 0.00	29.69 1.81 0.00
WADING RIVER_IC_1 23522	19.90 1.59 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.55 1.55 0.00	20.06 1.31 0.00	22.06 1.25 0.00	26.19 1.39 0.00	34.45 1.99 0.00	25.08 1.44 0.00	24.09 1.06 -0.23	25.77 1.12 0.03	24.66 0.97 5.32	27.07 1.36 8.90	29.21 1.78 11.95	29.18 2.13 15.52	160.30 8.70 -26.56	63.31 4.40 -2.86	73.33 3.42 0.00	64.71 2.61 0.00	57.62 2.29 0.00	26.31 1.09 11.98	30.90 1.27 2.70	23.43 1.03 0.00	29.47 1.59 0.00
WADING RIVER_IC_2 23547	19.90 1.59 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.55 1.55 0.00	20.06 1.31 0.00	22.06 1.25 0.00	26.19 1.39 0.00	34.45 1.99 0.00	25.08 1.44 0.00	24.09 1.06 -0.23	25.77 1.12 0.03	24.66 0.97 5.32	27.07 1.36 8.90	29.21 1.78 11.95	29.18 2.13 15.52	160.30 8.70 -26.56	63.31 4.40 -2.86	73.33 3.42 0.00	64.71 2.61 0.00	57.62 2.29 0.00	26.31 1.09 11.98	30.90 1.27 2.70	23.43 1.03 0.00	29.47 1.59 0.00
WADING RIVER_IC_3 23601	19.90 1.59 0.00	17.24 1.45 0.00	19.73 1.53 0.00	19.55 1.55 0.00	20.06 1.31 0.00	22.06 1.25 0.00	26.19 1.39 0.00	34.45 1.99 0.00	25.08 1.44 0.00	24.09 1.06 -0.23	25.77 1.12 0.03	24.66 0.97 5.32	27.07 1.36 8.90	29.21 1.78 11.95	29.18 2.13 15.52	160.30 8.70 -26.56	63.31 4.40 -2.86	73.33 3.42 0.00	64.71 2.61 0.00	57.62 2.29 0.00	26.31 1.09 11.98	30.90 1.27 2.70	23.43 1.03 0.00	29.47 1.59 0.00
WALDENNY_12_KV_BK2 80841	17.10 -1.20 0.00	14.72 -1.06 0.00	17.15 -1.05 0.00	16.97 -1.04 0.00	17.72 -1.03 0.00	19.72 -1.09 0.00	23.64 -1.16 0.00	30.48 -1.99 0.00	22.42 -1.22 0.00	21.92 -0.88 0.00	23.56 -1.12 0.00	27.61 -1.40 0.00	32.94 -1.67 0.00	37.09 -2.29 0.00	39.95 -2.61 0.00	116.76 -8.27 0.00	53.11 -2.94 0.00	66.32 -3.58 0.00	58.80 -3.30 0.00	52.52 -2.82 0.00	34.79 -2.39 0.00	30.22 -2.11 0.00	21.38 -1.02 0.00	27.12 -0.76 0.00
WALDEN__HYDRO 24148	19.35 1.05 0.00	16.65 0.87 0.00	19.16 0.95 0.00	18.95 0.95 0.00	19.67 0.92 0.00	21.93 1.12 0.00	26.20 1.40 0.00	34.44 1.97 0.00	25.03 1.39 0.00	23.72 1.23 0.32	26.09 1.41 0.00	30.71 1.71 0.00	36.68 2.08 0.00	41.82 2.44 0.00	45.29 2.73 0.00	93.65 8.43 39.82	60.16 4.12 0.00	74.85 4.94 0.00	66.13 4.03 0.00	58.69 3.35 0.00	39.41 2.22 0.00	34.26 1.93 0.00	23.64 1.24 0.00	29.30 1.42 0.00
WARRENSBURG____ 23737	19.03 0.73 0.00	16.42 0.64 0.00	18.92 0.72 0.00	18.75 0.75 0.00	19.52 0.77 0.00	21.78 0.97 0.00	26.00 1.20 0.00	34.08 1.62 0.00	24.66 1.02 0.00	23.73 0.86 -0.07	25.62 0.94 0.00	30.12 1.12 0.00	35.92 1.31 0.00	41.16 1.77 0.00	44.56 2.00 0.00	139.51 5.79 -8.67	58.88 2.83 0.00	73.61 3.71 0.00	65.36 3.26 0.00	57.84 2.50 0.00	38.89 1.70 0.00	33.75 1.42 0.00	23.25 0.85 0.00	28.74 0.86 0.00
WATERSIDE____6 8 9 23538	19.57 1.27 0.00	16.82 1.04 0.00	19.34 1.13 0.00	19.13 1.13 0.00	19.81 1.07 0.00	22.10 1.29 0.00	26.43 1.63 0.00	34.82 2.36 0.00	25.36 1.72 0.00	24.62 1.58 -0.23	26.52 1.84 0.00	31.18 2.17 0.00	37.18 2.57 0.00	42.34 2.96 0.00	45.82 3.26 0.00	164.39 9.61 -29.73	60.73 4.69 0.00	75.45 5.55 0.00	66.56 4.46 0.00	59.06 3.73 0.00	39.73 2.55 0.00	34.56 2.23 0.00	23.84 1.44 0.00	29.51 1.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.42 0.12 0.00	15.92 0.13 0.00	18.32 0.12 0.00	18.12 0.12 0.00	18.88 0.13 0.00	20.98 0.17 0.00	25.17 0.25 -0.12	32.78 0.32 0.00	23.78 0.13 0.00	22.88 0.08 0.00	24.82 0.14 0.00	29.14 0.14 0.00	34.71 0.11 0.00	39.56 0.18 0.00	42.92 0.35 0.00	126.55 1.51 0.00	56.66 0.62 0.00	70.58 0.68 0.00	62.61 0.52 0.00	55.59 0.26 0.00	37.46 0.27 0.00	32.61 0.28 0.00	22.48 0.08 0.00	27.89 0.01 0.00
WATSON____69_KV_BK 1 55734	20.06 1.76 0.00	17.36 1.57 0.00	19.87 1.67 0.00	19.69 1.69 0.00	20.21 1.46 0.00	22.27 1.46 0.00	26.44 1.63 0.00	34.76 2.30 0.00	25.34 1.70 0.00	24.38 1.35 -0.23	26.14 1.49 0.03	25.35 1.47 5.12	27.74 1.88 8.74	29.93 2.30 11.75	29.95 2.65 15.26	161.82 10.17 -26.60	64.09 5.09 -2.95	74.96 5.05 0.00	66.60 4.50 0.00	59.00 3.66 0.00	27.37 1.96 11.77	31.29 1.62 2.66	23.66 1.26 0.00	29.76 1.88 0.00
WDELAWARE__HYD 323627	19.50 1.20 0.00	16.77 0.99 0.00	19.30 1.10 0.00	19.08 1.08 0.00	19.81 1.06 0.00	22.10 1.29 0.00	26.42 1.62 0.00	34.74 2.28 0.00	25.22 1.58 0.00	23.93 1.39 0.27	26.24 1.56 0.00	30.92 1.92 0.00	36.93 2.32 0.00	42.02 2.64 0.00	45.54 2.98 0.00	100.52 9.52 34.04	60.74 4.69 0.00	75.64 5.74 0.00	66.86 4.77 0.00	59.37 4.03 0.00	39.81 2.63 0.00	34.58 2.25 0.00	23.88 1.48 0.00	29.57 1.69 0.00

WEST BABYLON___IC 23714	20.01 1.71 0.00	17.30 1.52 0.00	19.82 1.62 0.00	19.63 1.63 0.00	20.16 1.41 0.00	22.24 1.43 0.00	26.37 1.57 0.00	34.66 2.20 0.00	25.27 1.63 0.00	24.32 1.29 -0.23	26.09 1.44 0.03	25.74 1.43 4.69	28.03 1.82 8.39	30.26 2.19 11.31	30.41 2.55 14.70	161.64 9.88 -26.72	64.20 5.01 -3.15	74.97 5.07 0.00	66.67 4.57 0.00	59.05 3.71 0.00	27.80 1.93 11.32	31.38 1.61 2.56	23.67 1.27 0.00	29.72 1.84 0.00
WEST CANADA___HYD 24049	18.34 0.04 0.00	15.83 0.05 0.00	18.24 0.04 0.00	18.05 0.05 0.00	18.80 0.06 0.00	20.86 0.05 0.00	25.00 0.08 -0.12	32.55 0.09 0.00	23.69 0.05 0.00	22.85 0.05 0.00	24.73 0.05 0.00	29.06 0.06 0.00	34.67 0.07 0.00	39.47 0.09 0.00	42.69 0.13 0.00	125.52 0.48 0.00	56.24 0.19 0.00	70.12 0.21 0.00	62.24 0.14 0.00	55.40 0.07 0.00	37.26 0.07 0.00	32.39 0.07 0.00	22.43 0.03 0.00	27.88 0.00 0.00
WESTERN_NY_WIND 24143	17.42 -0.88 0.00	14.98 -0.80 0.00	17.43 -0.77 0.00	17.24 -0.76 0.00	18.00 -0.75 0.00	20.05 -0.76 0.00	24.09 -0.72 0.00	31.08 -1.38 0.00	22.89 -0.75 0.00	22.34 -0.47 0.00	24.00 -0.68 0.00	28.04 -0.96 0.00	33.36 -1.25 0.00	37.62 -1.76 0.00	40.46 -2.10 0.00	118.11 -6.93 0.00	53.67 -2.37 0.00	67.30 -2.61 0.00	59.59 -2.50 0.00	53.11 -2.23 0.00	35.22 -1.97 0.00	30.55 -1.78 0.00	21.56 -0.84 0.00	27.25 -0.63 0.00
WESTOVER___LESR 323668	18.07 -0.23 0.00	15.56 -0.22 0.00	17.98 -0.22 0.00	17.80 -0.20 0.00	18.57 -0.18 0.00	20.61 -0.20 0.00	24.64 -0.17 0.00	32.22 -0.24 0.00	23.49 -0.15 0.00	22.75 -0.05 0.00	24.69 0.02 0.00	29.06 0.06 0.00	34.67 0.06 0.00	39.26 -0.12 0.00	42.39 -0.17 0.00	124.73 -0.31 0.00	56.01 -0.03 0.00	69.59 -0.32 0.00	61.71 -0.39 0.00	55.09 -0.25 0.00	36.80 -0.39 0.00	31.92 -0.41 0.00	22.19 -0.21 0.00	27.73 -0.14 0.00
WETHRSFD_WT_PWR 323626	16.66 -1.64 0.00	14.34 -1.45 0.00	16.68 -1.52 0.00	16.53 -1.48 0.00	17.27 -1.48 0.00	19.25 -1.56 0.00	23.13 -1.67 0.00	30.08 -2.39 0.00	21.90 -1.74 0.00	21.26 -1.54 0.00	22.97 -1.71 0.00	26.97 -2.03 0.00	32.32 -2.29 0.00	36.51 -2.88 0.00	39.67 -2.89 0.00	116.64 -8.40 0.00	53.07 -2.98 0.00	66.08 -3.82 0.00	58.75 -3.35 0.00	52.50 -2.84 0.00	34.81 -2.38 0.00	30.15 -2.18 0.00	21.21 -1.19 0.00	26.87 -1.01 0.00
WHAVSTOR_138KV_BK127 55557	19.35 1.05 0.00	16.65 0.86 0.00	19.14 0.94 0.00	18.94 0.94 0.00	19.64 0.89 0.00	21.91 1.10 0.00	26.16 1.36 0.00	34.40 1.93 0.00	25.03 1.39 0.00	22.87 1.24 1.17	26.12 1.44 0.00	30.75 1.74 0.00	36.72 2.12 0.00	41.87 2.49 0.00	45.30 2.74 0.00	-15.27 8.11 148.41	60.01 3.97 0.00	74.51 4.60 0.00	65.81 3.72 0.00	58.40 3.07 0.00	39.22 2.04 0.00	34.13 1.80 0.00	23.57 1.17 0.00	29.22 1.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.35 1.05 0.00	16.65 0.86 0.00	19.14 0.94 0.00	18.94 0.94 0.00	19.64 0.89 0.00	21.91 1.10 0.00	26.16 1.36 0.00	34.40 1.93 0.00	25.03 1.39 0.00	22.87 1.24 1.17	26.12 1.44 0.00	30.75 1.74 0.00	36.72 2.12 0.00	41.87 2.49 0.00	45.30 2.74 0.00	-15.27 8.11 148.41	60.01 3.97 0.00	74.51 4.60 0.00	65.81 3.72 0.00	58.40 3.07 0.00	39.22 2.04 0.00	34.13 1.80 0.00	23.57 1.17 0.00	29.22 1.34 0.00
WHITEHAL_115KV_TB1 80871	19.26 0.96 0.00	16.58 0.79 0.00	19.14 0.94 0.00	19.06 1.05 0.00	19.76 1.01 0.00	22.32 1.51 0.00	26.74 1.94 0.00	35.15 2.69 0.00	25.42 1.78 0.00	24.33 1.46 -0.07	26.15 1.47 0.00	30.65 1.65 0.00	36.83 2.22 0.00	42.50 3.12 0.00	46.08 3.52 0.00	143.61 9.87 -8.71	60.91 4.87 0.00	76.18 6.27 0.00	67.78 5.69 0.00	59.58 4.25 0.00	40.00 2.81 0.00	34.84 2.50 0.00	23.87 1.47 0.00	29.14 1.26 0.00
WHITEPLN_13_KV_LOAD 356215	19.59 1.28 0.00	16.86 1.08 0.00	19.39 1.19 0.00	19.18 1.18 0.00	19.87 1.13 0.00	22.17 1.36 0.00	26.51 1.70 0.00	34.89 2.43 0.00	25.41 1.77 0.00	24.67 1.63 -0.23	26.54 1.86 0.00	31.22 2.22 0.00	37.27 2.67 0.00	42.50 3.12 0.00	46.00 3.44 0.00	165.97 10.30 -30.64	61.02 4.98 0.00	75.87 5.96 0.00	67.02 4.92 0.00	59.40 4.06 0.00	39.87 2.68 0.00	34.65 2.32 0.00	23.91 1.51 0.00	29.60 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	19.92 1.62 0.00	17.25 1.47 0.00	19.75 1.55 0.00	19.58 1.57 0.00	20.08 1.34 0.00	22.08 1.27 0.00	26.22 1.41 0.00	34.47 2.01 0.00	25.11 1.47 0.00	24.11 1.08 -0.23	25.80 1.15 0.03	24.73 1.04 5.31	27.12 1.40 8.89	29.25 1.81 11.94	29.23 2.17 15.51	160.31 8.71 -26.56	63.35 4.44 -2.87	73.87 3.97 0.00	65.41 3.31 0.00	58.03 2.70 0.00	26.57 1.35 11.96	30.91 1.28 2.70	23.43 1.03 0.00	29.49 1.61 0.00
WOODARD___115KV_TB2 355635	17.93 -0.37 0.00	15.45 -0.34 0.00	17.84 -0.37 0.00	17.64 -0.36 0.00	18.39 -0.36 0.00	20.41 -0.40 0.00	24.34 -0.46 0.00	31.75 -0.71 0.00	23.16 -0.48 0.00	22.38 -0.43 0.00	24.22 -0.45 0.00	28.46 -0.54 0.00	33.94 -0.66 0.00	38.55 -0.83 0.00	41.65 -0.92 0.00	122.38 -2.66 0.00	54.92 -1.12 0.00	68.48 -1.42 0.00	60.73 -1.37 0.00	54.07 -1.27 0.00	36.24 -0.95 0.00	31.50 -0.83 0.00	21.87 -0.53 0.00	27.25 -0.62 0.00
YORK___WARBASSE 23770	19.64 1.34 0.00	16.88 1.09 0.00	19.37 1.17 0.00	19.16 1.15 0.00	19.84 1.10 0.00	22.15 1.34 0.00	26.50 1.69 0.00	34.90 2.44 0.00	25.41 1.77 0.00	24.66 1.63 -0.23	26.57 1.89 0.00	31.24 2.24 0.00	37.22 2.62 0.00	42.34 2.96 0.00	45.88 3.32 0.00	164.59 9.82 -29.73	60.87 4.83 0.00	75.63 5.72 0.00	66.76 4.66 0.00	59.24 3.91 0.00	39.88 2.69 0.00	34.70 2.37 0.00	23.94 1.54 0.00	29.62 1.75 0.00