

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/27/2024

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	20.01	10.00	13.14	13.83	20.05	33.45	44.43	41.69	37.38	34.10	34.66	36.03	38.73	39.53	37.82	73.27	55.02	60.14	53.64	39.25	42.36	42.51	41.04	38.87
24138	1.30	0.61	0.75	0.76	1.10	1.98	2.68	2.68	2.54	2.44	2.61	2.71	2.61	2.44	2.96	5.08	3.71	4.20	3.86	2.76	2.83	2.87	2.74	2.23
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.29	-0.96	-5.08	-7.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00
74TH STREET_GT_1	20.02	10.01	13.15	13.84	20.07	33.48	44.48	41.74	37.42	34.12	34.68	36.05	38.74	39.54	37.81	73.32	55.05	60.18	53.70	39.29	42.40	42.55	41.10	38.92
24260	1.31	0.62	0.76	0.78	1.12	2.02	2.73	2.73	2.57	2.46	2.62	2.73	2.63	2.46	2.96	5.13	3.73	4.24	3.91	2.79	2.87	2.91	2.78	2.29
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.29	-0.96	-5.08	-7.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00
74TH STREET_GT_2	20.02	10.01	13.15	13.84	20.07	33.48	44.48	41.74	37.42	34.12	34.68	36.05	38.74	39.54	37.81	73.32	55.05	60.18	53.70	39.29	42.40	42.55	41.10	38.92
24261	1.31	0.62	0.76	0.78	1.12	2.02	2.73	2.73	2.57	2.46	2.62	2.73	2.63	2.46	2.96	5.13	3.73	4.24	3.91	2.79	2.87	2.91	2.78	2.29
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.29	-0.96	-5.08	-7.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00
ADK HUDSON___FALLS	19.94	10.02	13.19	13.91	20.20	34.00	45.27	42.31	37.81	33.81	34.02	34.81	34.77	33.59	37.33	73.55	55.50	60.22	53.57	39.39	42.71	42.76	41.21	39.18
24011	1.23	0.62	0.80	0.84	1.25	2.53	3.52	3.30	2.96	2.37	2.16	2.36	2.15	1.90	2.47	5.36	4.19	4.28	3.78	2.89	3.18	3.12	2.85	2.54
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.09	-0.08	-1.59	-2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00
ADK RESOURCE___RCVRY	20.00	10.06	13.24	13.95	20.27	34.28	45.69	42.70	38.12	34.04	34.22	35.04	34.90	33.70	37.54	74.04	55.95	60.61	53.89	39.68	43.01	43.03	41.43	39.34
23798	1.29	0.66	0.85	0.89	1.32	2.81	3.95	3.69	3.28	2.60	2.37	2.59	2.29	2.01	2.68	5.85	4.63	4.67	4.10	3.18	3.48	3.39	3.07	2.70
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.09	-0.08	-1.59	-2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00
ADK S GLENS___FALLS	19.94	10.02	13.19	13.91	20.20	34.00	45.27	42.31	37.81	33.81	34.02	34.81	34.77	33.59	37.33	73.55	55.50	60.22	53.57	39.39	42.71	42.76	41.21	39.18
24028	1.23	0.62	0.80	0.84	1.25	2.53	3.52	3.30	2.96	2.37	2.16	2.36	2.15	1.90	2.47	5.36	4.19	4.28	3.78	2.89	3.18	3.12	2.85	2.54
	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.09	-0.08	-1.59	-2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00
ADK_NYS___DAM	19.84	9.98	13.14	13.84	20.07	33.62	44.57	41.61	37.20	33.48	33.89	34.67	35.10	34.09	37.20	73.01	54.46	59.09	52.53	38.64	42.27	42.43	40.97	38.84
23527	1.13	0.58	0.75	0.77	1.12	2.15	2.82	2.61	2.35	2.02	2.02	2.21	2.14	1.87	2.34	4.82	3.15	3.14	2.74	2.14	2.73	2.79	2.63	2.20
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.11	-0.10	-1.93	-2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00
AIR_PRODUCTS___DRP	18.93	9.52	12.56	13.27	19.26	31.93	42.33	39.56	35.37	31.98	32.67	33.36	33.63	32.64	35.67	69.37	52.03	56.65	50.44	37.04	40.23	40.51	39.44	37.59
24190	0.23	0.12	0.17	0.21	0.31	0.46	0.58	0.55	0.52	0.53	0.81	0.91	0.86	0.71	0.81	1.18	0.71	0.70	0.65	0.54	0.69	0.88	1.09	0.96
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.10	-0.09	-1.74	-2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00
AKWESSNE_115KV_BK	17.15	6.84	11.48	12.15	17.66	29.59	40.13	37.39	32.61	28.84	29.40	29.86	28.83	27.20	32.49	63.94	48.72	52.02	46.36	33.86	37.15	37.24	36.38	36.75
355683	-1.56	-0.85	-0.91	-0.92	-1.28	-1.88	-1.61	-1.62	-2.23	-2.51	-2.36	-2.50	-2.19	-2.04	-2.37	-4.25	-2.60	-3.92	-3.43	-2.64	-2.38	-2.40	-1.73	0.11
	0.00	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	19.34	9.74	12.85	13.56	19.70	32.73	43.42	40.55	36.19	32.63	33.02	33.70	34.02	33.01	36.02	70.90	53.31	58.02	51.59	37.89	41.11	41.34	40.11	38.21
323833	0.63	0.34	0.46	0.50	0.75	1.26	1.67	1.55	1.34	1.17	1.15	1.24	1.12	0.89	1.16	2.71	1.99	2.08	1.81	1.40	1.58	1.70	1.77	1.58
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.11	-0.10	-1.87	-2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00
ALBANY_2_SOLAR	19.34	9.73	12.85	13.56	19.69	32.71	43.39	40.54	36.18	32.62	33.01	33.70	34.01	33.01	36.02	70.87	53.29	58.00	51.58	37.89	41.10	41.33	40.10	38.20
323834	0.63	0.34	0.46	0.49	0.74	1.25	1.64	1.53	1.33	1.16	1.14	1.24	1.12	0.89	1.16	2.68	1.97	2.06	1.79	1.39	1.57	1.69	1.76	1.56
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.11	-0.10	-1.87	-2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00
ALBANY___1	18.93	9.52	12.56	13.27	19.26	31.93	42.33	39.56	35.37	31.98	32.67	33.36	33.63	32.64	35.67	69.37	52.03	56.65	50.44	37.04	40.23	40.51	39.44	37.59
23571	0.23	0.12	0.17	0.21	0.31	0.46	0.58	0.55	0.52	0.53	0.81	0.91	0.86	0.71	0.81	1.18	0.71	0.70	0.65	0.54	0.69	0.88	1.09	0.96
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.10	-0.09	-1.74	-2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	0.00

ALBANY___2 23572	18.93 0.23 0.00	9.52 0.12 -0.04	12.56 0.17 0.00	13.27 0.21 0.00	19.26 0.31 0.00	31.93 0.46 0.00	42.33 0.58 0.00	39.56 0.55 0.00	35.37 0.52 0.00	31.98 0.53 -0.11	32.67 0.81 -0.10	33.36 0.91 -0.09	33.63 0.86 -1.74	32.64 0.71 -2.69	35.67 0.81 0.00	69.37 1.18 0.00	52.03 0.71 0.00	56.65 0.70 0.00	50.44 0.65 0.00	37.04 0.54 0.00	40.23 0.69 0.00	40.51 0.88 0.00	39.44 1.09 -0.23	37.59 0.96 0.00
ALBANY___3 23573	18.93 0.23 0.00	9.52 0.12 -0.04	12.56 0.17 0.00	13.27 0.21 0.00	19.26 0.31 0.00	31.93 0.46 0.00	42.33 0.58 0.00	39.56 0.55 0.00	35.37 0.52 0.00	31.98 0.53 -0.11	32.67 0.81 -0.10	33.36 0.91 -0.09	33.63 0.86 -1.74	32.64 0.71 -2.69	35.67 0.81 0.00	69.37 1.18 0.00	52.03 0.71 0.00	56.65 0.70 0.00	50.44 0.65 0.00	37.04 0.54 0.00	40.23 0.69 0.00	40.51 0.88 0.00	39.44 1.09 -0.23	37.59 0.96 0.00
ALBANY___4 23574	18.93 0.23 0.00	9.52 0.12 -0.04	12.56 0.17 0.00	13.27 0.21 0.00	19.26 0.31 0.00	31.93 0.46 0.00	42.33 0.58 0.00	39.56 0.55 0.00	35.37 0.52 0.00	31.98 0.53 -0.11	32.67 0.81 -0.10	33.36 0.91 -0.09	33.63 0.86 -1.74	32.64 0.71 -2.69	35.67 0.81 0.00	69.37 1.18 0.00	52.03 0.71 0.00	56.65 0.70 0.00	50.44 0.65 0.00	37.04 0.54 0.00	40.23 0.69 0.00	40.51 0.88 0.00	39.44 1.09 -0.23	37.59 0.96 0.00
ALBANY___LFGE 323615	19.13 0.42 0.00	9.62 0.22 -0.05	12.69 0.30 0.00	13.40 0.33 0.00	19.44 0.49 0.00	32.27 0.80 0.00	42.82 1.07 0.00	40.01 1.00 0.00	35.78 0.93 0.00	32.33 0.88 -0.11	32.97 1.11 -0.10	33.67 1.22 -0.09	33.88 1.15 -1.71	32.87 0.99 -2.64	36.03 1.17 0.00	70.19 1.99 0.00	52.64 1.32 0.00	57.32 1.37 0.00	51.03 1.25 0.00	37.46 0.96 0.00	40.67 1.14 0.00	40.93 1.29 0.00	39.77 1.43 -0.23	37.88 1.24 0.00
ALCOA_PA_115KV_PL-6C 55860	17.23 -1.48 0.00	6.93 -0.81 1.61	11.53 -0.86 0.00	12.19 -0.87 0.00	17.73 -1.22 0.00	29.71 -1.76 0.00	40.30 -1.45 0.00	37.57 -1.44 0.00	32.76 -2.09 0.00	28.94 -2.40 0.00	29.49 -2.27 0.00	29.97 -2.39 0.00	28.94 -2.09 0.00	27.29 -1.95 0.00	32.59 -2.27 0.00	64.25 -3.94 0.00	49.01 -2.30 0.00	52.35 -3.60 0.00	46.63 -3.16 0.00	34.06 -2.44 0.00	37.36 -2.18 0.00	37.44 -2.20 0.00	36.56 -1.55 0.00	36.92 0.28 0.00
ALCOA_RYNLDS___DRP 24188	17.23 -1.48 0.00	6.93 -0.81 1.61	11.53 -0.86 0.00	12.19 -0.87 0.00	17.73 -1.22 0.00	29.71 -1.76 0.00	40.30 -1.45 0.00	37.57 -1.44 0.00	32.76 -2.09 0.00	28.94 -2.40 0.00	29.49 -2.27 0.00	29.97 -2.39 0.00	28.94 -2.09 0.00	27.29 -1.95 0.00	32.59 -2.27 0.00	64.25 -3.94 0.00	49.01 -2.30 0.00	52.35 -3.60 0.00	46.63 -3.16 0.00	34.06 -2.44 0.00	37.36 -2.18 0.00	37.44 -2.20 0.00	36.56 -1.55 0.00	36.92 0.28 0.00
ALCOA___DSASP 323711	17.23 -1.48 0.00	6.93 -0.81 1.61	11.53 -0.86 0.00	12.19 -0.87 0.00	17.73 -1.22 0.00	29.71 -1.76 0.00	40.30 -1.45 0.00	37.56 -1.44 0.00	32.76 -2.09 0.00	28.94 -2.40 0.00	29.49 -2.27 0.00	29.97 -2.39 0.00	28.92 -2.10 0.00	27.29 -1.95 0.00	32.59 -2.27 0.00	64.25 -3.94 0.00	49.01 -2.30 0.00	52.35 -3.59 0.00	46.63 -3.15 0.00	34.06 -2.44 0.00	37.36 -2.18 0.00	37.44 -2.20 0.00	36.57 -1.55 0.00	36.92 0.28 0.00
ALLEGHENY___COGEN 23514	18.43 -0.28 0.00	6.64 -0.16 2.55	12.24 -0.14 0.00	12.94 -0.12 0.00	18.91 -0.04 0.00	32.16 0.70 0.00	42.75 1.00 0.00	39.94 0.94 0.00	35.52 0.67 0.00	31.10 -0.24 0.00	31.71 -0.05 0.00	31.90 -0.46 0.00	30.45 -0.58 0.00	28.70 -0.53 0.00	34.22 -0.64 0.00	68.06 -0.14 0.00	51.92 0.61 0.01	57.23 1.29 0.00	50.83 1.05 0.00	37.19 0.69 0.00	39.96 0.42 0.00	39.59 -0.04 0.00	37.94 -0.21 -0.03	36.82 0.27 0.09
ALTAMONT_115KV_TB 2 55880	19.15 0.44 0.00	9.63 0.23 -0.04	12.69 0.30 0.00	13.39 0.33 0.00	19.43 0.48 0.00	32.27 0.80 0.00	42.81 1.06 0.00	40.03 1.02 0.00	35.78 0.93 0.00	32.29 0.84 -0.10	32.76 0.90 -0.10	33.45 1.00 -0.09	33.67 0.96 -1.67	32.64 0.82 -2.58	35.86 1.00 0.00	70.04 1.85 0.00	52.63 1.31 0.00	57.33 1.39 0.00	51.06 1.28 0.00	37.48 0.98 0.00	40.63 1.10 0.00	40.81 1.17 0.00	39.54 1.19 -0.23	37.65 1.01 0.00
ALTONA_WT_PWR 323606	16.91 -1.80 0.00	6.67 -1.01 1.67	11.27 -1.12 0.00	11.94 -1.13 0.00	17.39 -1.56 0.00	29.26 -2.21 0.00	39.71 -2.04 0.00	36.95 -2.06 0.00	32.12 -2.73 0.00	28.31 -3.03 0.00	28.80 -2.96 0.00	29.32 -3.04 0.00	28.36 -2.67 0.00	26.82 -2.42 0.00	32.18 -2.68 0.00	63.67 -4.52 0.00	48.79 -2.53 0.00	51.78 -4.17 0.00	46.32 -3.46 0.00	33.91 -2.59 0.00	37.32 -2.22 0.00	37.44 -2.20 0.00	36.61 -1.50 0.00	37.01 0.38 0.00
AMERICAN_REF_FUEL 24010	17.18 -1.53 0.00	7.03 -0.73 1.58	11.48 -0.91 0.00	12.14 -0.92 0.00	17.78 -1.17 0.00	30.12 -1.35 0.00	39.58 -2.17 0.00	36.51 -2.50 0.00	32.54 -2.31 0.00	29.15 -2.19 0.00	29.86 -1.91 0.00	30.19 -2.17 0.00	28.83 -2.20 0.00	27.18 -2.06 0.00	32.21 -2.65 0.00	62.75 -5.45 0.00	47.14 -4.14 0.04	51.18 -4.76 0.00	45.38 -4.40 0.00	33.34 -3.14 0.01	35.80 -3.73 0.00	35.74 -3.90 0.00	34.56 -3.58 -0.03	33.51 -2.59 0.54
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.52 -1.19 0.00	6.77 -0.66 1.93	11.61 -0.78 0.00	12.42 -0.64 0.00	18.40 -0.55 0.00	31.62 0.15 0.00	41.91 0.16 0.00	38.86 -0.15 0.00	34.61 -0.24 0.00	30.93 -0.42 0.00	31.46 -0.30 0.00	31.75 -0.61 0.00	30.22 -0.80 0.00	28.66 -0.58 0.00	34.18 -0.67 0.00	66.96 -1.24 0.00	50.47 -0.81 0.04	55.07 -0.87 0.00	48.78 -1.00 0.00	35.51 -0.97 0.02	37.54 -2.00 0.00	37.37 -2.27 0.00	36.51 -1.64 -0.03	35.19 -0.81 0.64
ARTHUR KILL_GT_1 23520	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.67 0.00	13.75 0.69 0.00	19.94 0.99 0.00	33.27 1.80 0.00	44.24 2.49 0.00	41.47 2.47 0.00	37.10 2.25 0.00	33.78 2.12 -0.31	34.26 2.21 -0.29	35.57 2.25 -0.96	38.35 2.24 -5.08	39.14 2.07 -7.83	37.39 2.53 0.00	72.46 4.27 0.00	54.43 3.11 0.00	59.56 3.62 0.00	53.26 3.47 0.00	38.98 2.48 0.00	42.08 2.55 0.00	42.22 2.58 0.00	40.73 2.42 -0.20	38.56 1.92 0.00
ARTHUR_KILL_2 23512	19.84 1.13 0.00	9.91 0.52 -0.04	13.02 0.63 0.00	13.71 0.65 0.00	19.89 0.94 0.00	33.17 1.71 0.00	44.10 2.35 0.00	41.35 2.34 0.00	36.99 2.14 0.00	33.69 2.03 -0.31	34.18 2.12 -0.29	35.50 2.17 -0.96	38.27 2.16 -5.08	39.07 2.00 -7.83	37.29 2.43 0.00	72.25 4.06 0.00	54.26 2.95 0.00	59.38 3.43 0.00	53.09 3.31 0.00	38.85 2.35 0.00	41.95 2.41 0.00	42.08 2.45 0.00	40.61 2.30 -0.20	38.45 1.82 0.00
ARTHUR_KILL_3 23513	19.88 1.17 0.00	9.94 0.55 -0.04	13.05 0.66 0.00	13.75 0.68 0.00	19.93 0.98 0.00	33.22 1.76 0.00	44.11 2.36 0.00	41.36 2.36 0.00	37.05 2.20 0.00	33.79 2.14 -0.31	34.32 2.27 -0.29	35.68 2.36 -0.96	38.41 2.30 -5.08	39.23 2.15 -7.84	37.46 2.60 0.00	72.57 4.38 0.00	54.48 3.16 0.00	59.63 3.69 0.00	53.23 3.45 0.00	38.94 2.45 0.00	42.02 2.49 0.00	42.18 2.55 0.00	40.75 2.44 -0.20	38.58 1.94 0.00

ARTHUR_KILL_COGEN 323718	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.67 0.00	13.75 0.69 0.00	19.94 0.99 0.00	33.27 1.80 0.00	44.24 2.49 0.00	41.47 2.47 0.00	37.10 2.25 0.00	33.78 2.12 -0.31	34.26 2.21 -0.29	35.57 2.25 -0.96	38.35 2.24 -5.08	39.14 2.07 -7.83	37.39 2.53 0.00	72.46 4.27 0.00	54.43 3.11 0.00	59.56 3.62 0.00	53.26 3.47 0.00	38.98 2.48 0.00	42.08 2.55 0.00	42.22 2.58 0.00	40.73 2.42 -0.20	38.56 1.92 0.00
ASHOKAN____ 23654	19.71 0.99 0.00	9.86 0.46 -0.04	13.01 0.62 0.00	13.72 0.66 0.00	19.93 0.98 0.00	33.24 1.77 0.00	44.25 2.50 0.00	41.47 2.46 0.00	37.10 2.25 0.00	33.46 1.96 -0.16	33.94 2.03 -0.15	34.55 2.05 -0.14	35.52 1.87 -2.62	34.83 1.55 -4.04	36.81 1.95 0.00	72.52 4.33 0.00	54.79 3.47 0.00	59.87 3.92 0.00	53.32 3.54 0.00	39.07 2.57 0.00	42.29 2.76 0.00	42.41 2.77 0.00	40.93 2.61 -0.21	38.92 2.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.88 1.17 0.00	9.93 0.54 -0.04	13.06 0.67 0.00	13.73 0.67 0.00	19.93 0.98 0.00	33.15 1.68 0.00	44.22 2.47 0.00	41.50 2.49 0.00	37.18 2.33 0.00	33.86 2.20 -0.31	34.48 2.42 -0.29	35.76 2.44 -0.96	38.48 2.38 -5.08	39.24 2.16 -7.83	37.54 2.68 0.00	72.64 4.44 0.00	54.60 3.28 0.00	59.72 3.77 0.00	61.34 3.46 -8.10	41.15 2.43 -2.22	47.28 2.46 -5.29	42.17 2.53 0.00	40.74 2.44 -0.20	38.60 1.96 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.88 1.17 0.00	9.93 0.54 -0.04	13.06 0.67 0.00	13.73 0.67 0.00	19.93 0.98 0.00	33.15 1.68 0.00	44.22 2.47 0.00	41.50 2.49 0.00	37.18 2.33 0.00	33.86 2.20 -0.31	34.48 2.42 -0.29	35.76 2.44 -0.96	38.48 2.38 -5.08	39.23 2.16 -7.83	37.54 2.68 0.00	72.64 4.44 0.00	54.60 3.28 0.00	59.72 3.77 0.00	61.34 3.46 -8.10	41.15 2.43 -2.22	47.28 2.46 -5.29	42.17 2.53 0.00	40.75 2.45 -0.20	38.60 1.96 0.00
ASTORIA_GT2_1 24094	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT2_2 24095	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT2_3 24096	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT2_4 24097	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT3_1 24098	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT3_2 24099	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT3_3 24100	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT3_4 24101	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT4_1 24102	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT4_2 24103	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT4_3 24104	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00

ASTORIA_GT4_4 24105	19.89 1.18 0.00	9.94 0.55 -0.04	13.07 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.43 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.25 2.18 -7.83	37.56 2.70 0.00	72.68 4.49 0.00	54.61 3.29 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.16 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.76 2.46 -0.20	38.61 1.97 0.00
ASTORIA_GT_1 23523	19.91 1.20 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.76 0.69 0.00	19.96 1.01 0.00	33.20 1.73 0.00	44.30 2.56 0.00	41.59 2.59 0.00	37.25 2.41 0.00	33.93 2.27 -0.31	34.54 2.49 -0.29	35.83 2.51 -0.96	38.55 2.44 -5.08	39.30 2.23 -7.83	37.63 2.77 0.00	72.82 4.63 0.00	54.72 3.41 0.00	59.85 3.91 0.00	61.46 3.58 -8.10	41.24 2.52 -2.22	47.37 2.55 -5.29	42.26 2.62 0.00	40.83 2.52 -0.20	38.66 2.03 0.00
ASTORIA_GT_10 24110	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.46 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.42 -0.29	35.82 2.49 -0.96	38.51 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.34 3.55 0.00	39.05 2.55 0.00	42.12 2.59 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
ASTORIA_GT_11 24225	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.46 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.42 -0.29	35.82 2.49 -0.96	38.51 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.34 3.55 0.00	39.05 2.55 0.00	42.12 2.59 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
ASTORIA_GT_12 24226	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.46 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.42 -0.29	35.82 2.49 -0.96	38.51 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.34 3.55 0.00	39.05 2.55 0.00	42.12 2.59 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
ASTORIA_GT_13 24227	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.46 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.42 -0.29	35.82 2.49 -0.96	38.51 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.34 3.55 0.00	39.05 2.55 0.00	42.12 2.59 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
ASTORIA_GT_5 24106	19.91 1.21 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.76 0.69 0.00	19.96 1.01 0.00	33.20 1.73 0.00	44.30 2.55 0.00	41.59 2.59 0.00	37.25 2.41 0.00	33.93 2.27 -0.31	34.54 2.49 -0.29	35.84 2.52 -0.96	38.56 2.45 -5.08	39.31 2.24 -7.83	37.62 2.76 0.00	72.82 4.62 0.00	54.72 3.40 0.00	59.85 3.91 0.00	61.47 3.59 -8.10	41.24 2.52 -2.22	47.37 2.55 -5.29	42.26 2.62 0.00	40.82 2.51 -0.20	38.66 2.02 0.00
ASTORIA_GT_7 24107	19.91 1.21 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.76 0.69 0.00	19.96 1.01 0.00	33.20 1.73 0.00	44.30 2.55 0.00	41.59 2.59 0.00	37.25 2.41 0.00	33.93 2.27 -0.31	34.54 2.49 -0.29	35.84 2.52 -0.96	38.56 2.45 -5.08	39.31 2.24 -7.83	37.62 2.76 0.00	72.82 4.62 0.00	54.72 3.40 0.00	59.85 3.91 0.00	61.47 3.59 -8.10	41.24 2.52 -2.22	47.37 2.55 -5.29	42.26 2.62 0.00	40.82 2.51 -0.20	38.66 2.02 0.00
ASTORIA_GT_8 24108	19.91 1.21 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.76 0.69 0.00	19.96 1.01 0.00	33.20 1.73 0.00	44.30 2.55 0.00	41.59 2.59 0.00	37.25 2.41 0.00	33.93 2.27 -0.31	34.54 2.49 -0.29	35.84 2.52 -0.96	38.56 2.45 -5.08	39.31 2.24 -7.83	37.62 2.76 0.00	72.82 4.62 0.00	54.72 3.40 0.00	59.85 3.91 0.00	61.47 3.59 -8.10	41.24 2.52 -2.22	47.37 2.55 -5.29	42.26 2.62 0.00	40.82 2.51 -0.20	38.66 2.02 0.00
ASTORIA___2 24149	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.42 -0.29	35.77 2.45 -0.96	38.49 2.38 -5.08	39.25 2.17 -7.83	37.56 2.70 0.00	72.68 4.48 0.00	54.61 3.30 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.17 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.77 2.46 -0.20	38.61 1.97 0.00
ASTORIA___3 23516	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.33 3.55 0.00	39.05 2.55 0.00	42.13 2.60 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
ASTORIA___4 23517	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.46 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.42 -0.29	35.82 2.49 -0.96	38.51 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.34 3.55 0.00	39.05 2.55 0.00	42.12 2.59 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
ASTORIA___5 23518	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.33 3.55 0.00	39.05 2.55 0.00	42.13 2.60 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
AST_ENERGY_2_CC3 323677	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.28 1.82 0.00	44.17 2.42 0.00	41.44 2.44 0.00	37.14 2.30 0.00	33.88 2.22 -0.31	34.45 2.39 -0.29	35.82 2.49 -0.96	38.52 2.41 -5.08	39.33 2.25 -7.84	37.57 2.71 0.00	72.78 4.58 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.31 3.52 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.64 0.00	40.86 2.55 -0.20	38.71 2.07 0.00
AST_ENERGY_2_CC4 323678	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.28 1.82 0.00	44.17 2.42 0.00	41.44 2.44 0.00	37.14 2.30 0.00	33.88 2.22 -0.31	34.45 2.39 -0.29	35.82 2.49 -0.96	38.52 2.41 -5.08	39.33 2.25 -7.84	37.57 2.71 0.00	72.78 4.58 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.31 3.52 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.64 0.00	40.86 2.55 -0.20	38.71 2.07 0.00

ATHENS_STG_1 23668	19.27 0.56 0.00	9.69 0.29 -0.04	12.75 0.36 0.00	13.45 0.39 0.00	19.50 0.55 0.00	32.38 0.91 0.00	42.98 1.23 0.00	40.22 1.21 0.00	35.97 1.12 0.00	32.55 1.06 -0.14	33.04 1.14 -0.13	33.72 1.23 -0.12	34.57 1.20 -2.35	33.94 1.08 -3.62	36.15 1.28 0.00	70.47 2.28 0.00	52.92 1.60 0.00	57.73 1.78 0.00	51.46 1.68 0.00	37.74 1.24 0.00	40.87 1.33 0.00	41.01 1.37 0.00	39.67 1.34 -0.21	37.77 1.13 0.00
ATHENS_STG_2 23670	19.27 0.56 0.00	9.69 0.29 -0.04	12.75 0.36 0.00	13.45 0.39 0.00	19.50 0.55 0.00	32.38 0.91 0.00	42.98 1.23 0.00	40.22 1.21 0.00	35.97 1.12 0.00	32.55 1.06 -0.14	33.04 1.14 -0.13	33.72 1.23 -0.12	34.57 1.20 -2.35	33.94 1.08 -3.62	36.15 1.28 0.00	70.47 2.28 0.00	52.92 1.60 0.00	57.73 1.78 0.00	51.46 1.68 0.00	37.74 1.24 0.00	40.87 1.33 0.00	41.01 1.37 0.00	39.67 1.34 -0.21	37.77 1.13 0.00
ATHENS_STG_3 23677	19.27 0.56 0.00	9.69 0.29 -0.04	12.75 0.36 0.00	13.45 0.39 0.00	19.50 0.55 0.00	32.38 0.91 0.00	42.98 1.23 0.00	40.22 1.21 0.00	35.97 1.12 0.00	32.55 1.06 -0.14	33.04 1.14 -0.13	33.72 1.23 -0.12	34.57 1.20 -2.35	33.94 1.08 -3.62	36.15 1.28 0.00	70.47 2.28 0.00	52.92 1.60 0.00	57.73 1.78 0.00	51.46 1.68 0.00	37.74 1.24 0.00	40.87 1.33 0.00	41.01 1.37 0.00	39.67 1.34 -0.21	37.77 1.13 0.00
AUBURN___LFGE 323710	18.74 0.03 0.00	9.89 0.00 -0.53	12.38 -0.01 0.00	13.08 0.02 0.00	19.02 0.07 0.00	31.56 0.09 0.00	41.82 0.07 0.00	39.07 0.07 0.00	34.84 -0.01 0.00	31.18 -0.16 0.00	31.51 -0.25 0.00	32.07 -0.29 0.00	30.68 -0.35 0.00	28.99 -0.25 0.00	34.55 -0.31 0.00	67.89 -0.30 0.00	51.25 -0.06 0.00	56.05 0.11 0.00	49.78 0.00 0.00	36.46 -0.04 0.00	39.41 -0.13 0.00	39.41 -0.23 0.00	37.79 -0.34 -0.02	36.38 -0.26 0.00
BABYLON_RES_REC 323704	20.11 1.40 0.00	10.03 0.64 -0.04	13.16 0.77 0.00	13.88 0.81 0.00	20.12 1.17 0.00	33.64 2.17 0.00	44.82 3.07 0.00	41.71 2.70 0.00	37.58 2.73 0.00	34.34 2.68 -0.31	34.72 2.66 -0.29	36.16 2.84 -0.96	44.87 2.73 -11.11	39.60 2.54 -7.82	42.75 3.13 -4.76	74.42 5.49 -0.73	55.15 3.84 0.00	60.30 4.36 0.00	54.76 4.12 -0.86	39.92 2.95 -0.48	46.27 3.23 -3.50	42.80 3.16 0.00	41.37 3.06 -0.20	39.09 2.45 0.00
BABYLON__69_KV_BK2 356345	20.32 1.61 0.00	10.13 0.74 -0.04	13.30 0.91 0.00	14.02 0.95 0.00	20.33 1.38 0.00	34.02 2.55 0.00	45.33 3.58 0.00	42.12 3.12 0.00	38.01 3.16 0.00	34.74 3.08 -0.31	35.08 3.03 -0.29	36.55 3.23 -0.96	45.12 3.11 -10.98	39.95 3.54 -7.82	43.07 6.32 -4.66	75.23 6.32 -0.72	55.76 4.45 0.00	61.01 5.06 0.00	54.69 4.77 -0.14	40.21 3.44 -0.27	46.27 3.77 -2.97	43.30 3.66 0.00	41.83 3.52 -0.20	39.50 2.87 0.00
BALL_HILL_WT_PWR 323825	17.66 -1.05 0.00	6.99 -0.54 1.82	11.75 -0.64 0.00	12.48 -0.59 0.00	18.33 -0.62 0.00	31.28 -0.19 0.00	41.28 -0.47 0.00	38.27 -0.74 0.00	34.11 -0.74 0.00	30.52 -0.82 0.00	31.17 -0.59 0.00	31.54 -0.83 0.00	30.05 -0.98 0.00	28.38 -0.85 0.00	33.76 -1.10 0.00	65.96 -2.24 0.00	49.63 -1.66 0.04	54.06 -1.88 0.00	47.90 -1.89 0.00	35.06 -1.42 0.02	37.42 -2.12 0.00	37.25 -2.39 0.00	36.09 -2.05 -0.03	34.79 -1.28 0.57
BARON_WINDS___WT_PWR 323822	17.52 -1.19 0.00	5.47 -0.61 3.27	11.64 -0.75 0.00	12.32 -0.74 0.00	17.96 -0.99 0.00	30.65 -0.82 0.00	40.67 -1.08 0.00	38.17 -0.84 0.00	34.01 -0.84 0.00	30.26 -1.09 0.00	30.71 -1.05 0.00	31.32 -1.04 0.00	29.86 -1.17 0.00	28.33 -0.91 0.00	33.75 -1.11 0.00	66.64 -1.56 0.00	50.30 -1.03 -0.01	55.11 -0.83 0.00	48.73 -1.05 0.00	35.63 -0.88 -0.01	38.30 -1.23 0.00	38.05 -1.59 0.00	36.38 -1.77 -0.04	35.82 -1.03 -0.22
BARRETT_IC_1 23704	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_10 23701	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	-379.24 3.24 432.26	-79.41 2.35 118.26	-237.47 2.48 279.49	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_11 23702	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	-379.24 3.24 432.26	-79.41 2.35 118.26	-237.47 2.48 279.49	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_12 23703	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	-379.24 3.24 432.26	-79.41 2.35 118.26	-237.47 2.48 279.49	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_2 23705	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_3 23706	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_4 23707	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00

BARRETT_IC_5 23708	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_6 23709	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_7 23710	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.14 2.39 0.00	41.11 2.10 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.35 2.30 -0.29	35.78 2.46 -0.96	44.06 2.38 -10.66	39.28 2.22 -7.82	41.93 2.67 -4.41	73.41 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.08 3.28 -53.01	53.61 2.36 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_8 23711	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT_IC_9 23700	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	-379.24 3.24 432.26	-79.41 2.35 118.26	-237.47 2.48 279.49	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT___1 23545	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	106.04 3.24 -53.01	53.60 2.35 -14.75	79.35 2.48 -37.34	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BARRETT___2 23546	19.90 1.19 0.00	9.93 0.54 -0.04	13.02 0.63 0.00	13.72 0.66 0.00	19.90 0.95 0.00	33.21 1.74 0.00	44.13 2.39 0.00	41.11 2.11 0.00	37.05 2.20 0.00	33.88 2.23 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	44.06 2.37 -10.66	39.28 2.22 -7.82	41.94 2.67 -4.41	73.42 4.54 -0.68	54.36 3.05 0.00	59.38 3.44 0.00	-379.24 3.24 432.26	-79.41 2.35 118.26	-237.47 2.48 279.49	42.20 2.56 0.00	40.85 2.54 -0.20	38.66 2.03 0.00
BATAVIA___115KV_TB1 55881	18.09 -0.62 0.00	7.68 -0.30 1.37	12.06 -0.33 0.00	12.75 -0.32 0.00	18.65 -0.30 0.00	31.57 0.10 0.00	41.67 -0.08 0.00	38.66 -0.35 0.00	34.42 -0.43 0.00	30.73 -0.62 0.00	31.21 -0.56 0.00	31.55 -0.81 0.00	30.09 -0.94 0.00	28.44 -0.79 0.00	33.93 -0.93 0.00	66.43 -1.76 0.00	50.13 -1.19 0.00	54.53 -1.42 0.00	48.35 -1.43 0.00	35.46 -1.04 0.00	38.04 -1.49 0.00	37.88 -1.76 0.00	36.49 -1.65 -0.03	35.62 -1.02 0.00
BAYONEEC___CTG1 323682	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG10 323750	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG2 323683	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG3 323684	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG4 323685	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG5 323686	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG6 323687	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00

BAYONEEC___CTG7 323688	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG8 323689	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BAYONEEC___CTG9 323749	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.47 2.46 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.44 2.38 -0.29	35.79 2.47 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.84	37.56 2.70 0.00	72.78 4.59 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.14 2.60 0.00	42.29 2.65 0.00	40.85 2.54 -0.20	38.69 2.06 0.00
BEACON___LESR 323632	19.30 0.59 0.00	9.68 0.28 -0.04	12.75 0.37 0.00	13.49 0.42 0.00	19.57 0.62 0.00	32.62 1.15 0.00	43.39 1.64 0.00	40.40 1.40 0.00	36.10 1.25 0.00	32.58 1.12 -0.11	33.20 1.34 -0.10	33.91 1.45 -0.09	34.14 1.35 -1.76	33.16 1.21 -2.72	36.34 1.48 0.00	70.86 2.66 0.00	53.17 1.86 0.00	57.90 1.96 0.00	51.54 1.76 0.00	37.84 1.34 0.00	41.04 1.50 0.00	41.31 1.68 0.00	40.10 1.75 -0.23	38.11 1.47 0.00
BEAVER RIVER___HYD 24048	17.99 -0.72 0.00	8.30 -0.56 0.49	11.73 -0.66 0.00	12.19 -0.87 0.00	17.71 -1.24 0.00	29.65 -1.82 0.00	39.93 -1.81 0.00	37.56 -1.45 0.00	33.65 -1.20 0.00	30.06 -1.28 0.00	30.39 -1.37 0.00	30.94 -1.42 0.00	29.39 -1.64 0.00	27.43 -1.81 0.00	32.67 -2.19 0.00	66.01 -2.19 0.00	51.42 0.11 0.00	55.85 -0.09 0.00	49.31 -0.47 0.00	35.87 -0.63 0.00	39.09 -0.44 0.00	39.15 -0.48 0.00	37.76 -0.36 -0.01	36.52 -0.11 0.00
BEEBEE_GT_13 23619	18.09 -0.62 0.00	8.01 -0.32 1.03	12.03 -0.36 0.00	12.70 -0.36 0.00	18.53 -0.42 0.00	31.11 -0.35 0.00	41.11 -0.64 0.00	38.20 -0.81 0.00	34.06 -0.79 0.00	30.54 -0.80 0.00	31.09 -0.68 0.00	31.53 -0.83 0.00	30.12 -0.91 0.00	28.42 -0.81 0.00	33.82 -1.04 0.00	66.15 -2.04 0.00	49.77 -1.54 0.00	54.23 -1.72 0.00	48.13 -1.65 0.00	35.27 -1.23 0.00	37.97 -1.57 0.00	37.90 -1.74 0.00	36.44 -1.69 -0.02	35.35 -1.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.04 1.33 0.00	10.01 0.62 -0.04	13.15 0.76 0.00	13.84 0.77 0.00	20.07 1.12 0.00	33.47 2.01 0.00	44.53 2.78 0.00	41.79 2.78 0.00	37.43 2.58 0.00	34.11 2.46 -0.31	34.65 2.59 -0.29	36.00 2.68 -0.96	38.72 2.62 -5.08	39.50 2.43 -7.83	37.80 2.94 0.00	73.25 5.06 0.00	55.02 3.70 0.00	60.17 4.23 0.00	53.76 3.98 0.00	39.36 2.86 0.00	42.48 2.94 0.00	42.62 2.98 0.00	41.11 2.80 -0.20	38.92 2.29 0.00
BETHLEHEM___GRP 23843	18.93 0.23 0.00	9.52 0.12 -0.04	12.56 0.17 0.00	13.27 0.21 0.00	19.26 0.31 0.00	31.93 0.46 0.00	42.33 0.58 0.00	39.56 0.55 0.00	35.37 0.52 0.00	31.98 0.53 -0.11	32.67 0.81 -0.10	33.36 0.91 -0.09	33.63 0.86 -1.74	32.64 0.71 -2.69	35.67 0.81 0.00	69.37 1.18 0.00	52.03 0.71 0.00	56.65 0.70 0.00	50.44 0.65 0.00	37.04 0.54 0.00	40.23 0.69 0.00	40.51 0.88 0.00	39.44 1.09 -0.23	37.59 0.96 0.00
BETHLEHEM___GS1 323560	18.93 0.23 0.00	9.52 0.12 -0.04	12.56 0.17 0.00	13.27 0.21 0.00	19.26 0.31 0.00	31.93 0.46 0.00	42.33 0.58 0.00	39.56 0.55 0.00	35.37 0.52 0.00	31.98 0.53 -0.11	32.67 0.81 -0.10	33.36 0.91 -0.09	33.62 0.85 -1.74	32.64 0.71 -2.69	35.67 0.81 0.00	69.37 1.18 0.00	52.03 0.71 0.00	56.65 0.70 0.00	50.44 0.65 0.00	37.04 0.54 0.00	40.23 0.69 0.00	40.51 0.88 0.00	39.44 1.09 -0.23	37.59 0.96 0.00
BETHLEHEM___GS2 323561	18.93 0.23 0.00	9.52 0.12 -0.04	12.56 0.17 0.00	13.27 0.21 0.00	19.26 0.31 0.00	31.93 0.46 0.00	42.33 0.58 0.00	39.56 0.55 0.00	35.37 0.52 0.00	31.98 0.53 -0.11	32.67 0.81 -0.10	33.36 0.91 -0.09	33.62 0.85 -1.74	32.64 0.71 -2.69	35.67 0.81 0.00	69.37 1.18 0.00	52.03 0.71 0.00	56.65 0.70 0.00	50.44 0.65 0.00	37.04 0.54 0.00	40.23 0.69 0.00	40.51 0.88 0.00	39.44 1.09 -0.23	37.59 0.96 0.00
BETHLEHEM___GS3 323562	18.93 0.23 0.00	9.52 0.12 -0.04	12.56 0.17 0.00	13.27 0.21 0.00	19.26 0.31 0.00	31.93 0.46 0.00	42.33 0.58 0.00	39.56 0.55 0.00	35.37 0.52 0.00	31.98 0.53 -0.11	32.67 0.81 -0.10	33.36 0.91 -0.09	33.62 0.85 -1.74	32.64 0.71 -2.69	35.67 0.81 0.00	69.37 1.18 0.00	52.03 0.71 0.00	56.65 0.70 0.00	50.44 0.65 0.00	37.04 0.54 0.00	40.23 0.69 0.00	40.51 0.88 0.00	39.44 1.09 -0.23	37.59 0.96 0.00
BETHLEHEM___STEEL 23779	17.76 -0.95 0.00	7.09 -0.47 1.79	11.84 -0.55 0.00	12.53 -0.54 0.00	18.36 -0.59 0.00	31.19 -0.28 0.00	41.07 -0.68 0.00	38.07 -0.94 0.00	33.93 -0.92 0.00	30.38 -0.96 0.00	31.09 -0.67 0.00	31.46 -0.91 0.00	29.94 -1.09 0.00	28.29 -0.95 0.00	33.64 -1.22 0.00	65.68 -2.52 0.00	49.40 -1.92 0.00	53.74 -2.21 0.00	47.59 -2.19 0.00	34.93 -1.56 0.00	37.44 -2.10 0.00	37.30 -2.34 0.00	35.99 -2.15 -0.03	35.24 -1.40 0.00
BETHLHEM_115KV_TB1 79974	18.98 0.27 0.00	9.55 0.15 -0.04	12.59 0.20 0.00	13.30 0.23 0.00	19.29 0.34 0.00	31.99 0.52 0.00	42.42 0.68 0.00	39.64 0.63 0.00	35.45 0.60 0.00	32.04 0.59 -0.11	32.70 0.84 -0.10	33.39 0.93 -0.09	33.65 0.89 -1.73	32.66 0.74 -2.67	35.71 0.85 0.00	69.52 1.33 0.00	52.14 0.83 0.00	56.78 0.83 0.00	50.57 0.79 0.00	37.13 0.63 0.00	40.31 0.78 0.00	40.58 0.94 0.00	39.45 1.11 -0.23	37.60 0.96 0.00
BETHPAGE_CC_5 323564	20.04 1.33 0.00	10.00 0.60 -0.04	13.11 0.72 0.00	13.82 0.75 0.00	20.04 1.09 0.00	33.50 2.03 0.00	44.60 2.86 0.00	41.53 2.52 0.00	37.40 2.55 0.00	34.19 2.53 -0.31	34.60 2.55 -0.29	36.06 2.74 -0.96	45.14 2.64 -11.47	39.51 2.45 -7.82	42.87 2.96 -5.05	73.98 5.01 -0.78	54.74 3.43 0.00	59.82 3.87 0.00	57.39 3.68 -3.92	40.49 2.66 -1.33	48.12 2.90 -5.68	42.61 2.97 0.00	41.21 2.90 -0.20	38.95 2.32 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.84 -0.87 0.00	7.11 -0.43 1.82	11.89 -0.49 0.00	12.58 -0.48 0.00	18.44 -0.51 0.00	31.35 -0.12 0.00	41.28 -0.47 0.00	38.28 -0.73 0.00	34.13 -0.72 0.00	30.56 -0.78 0.00	31.28 -0.48 0.00	31.67 -0.70 0.00	30.13 -0.90 0.00	28.48 -0.76 0.00	33.85 -1.00 0.00	66.13 -2.06 0.00	49.72 -1.60 0.00	54.11 -1.83 0.00	47.91 -1.87 0.00	35.17 -1.33 0.00	37.68 -1.86 0.00	37.52 -2.11 0.00	36.19 -1.96 -0.03	35.41 -1.22 0.00

BINGHAMTON___COGEN 23790	18.73 0.02 0.00	9.37 0.00 -0.01	12.40 0.01 0.00	13.09 0.03 0.00	19.00 0.04 0.00	31.69 0.23 0.00	41.95 0.20 0.00	39.27 0.26 0.00	35.07 0.22 0.00	31.43 0.13 0.05	31.83 0.12 0.04	32.43 0.11 0.04	30.35 0.06 0.74	28.25 0.15 1.14	35.05 0.19 0.00	68.69 0.50 0.00	51.59 0.28 0.00	56.45 0.51 0.00	50.12 0.34 0.00	36.69 0.19 0.00	39.70 0.17 0.00	39.73 0.09 0.00	38.11 -0.06 -0.06	36.65 0.02 0.00
BIXINCNT_115KV_LOAD 355685	17.60 -1.11 0.00	6.85 -0.51 1.99	11.70 -0.69 0.00	12.37 -0.70 0.00	18.17 -0.78 0.00	31.39 -0.08 0.00	41.73 -0.02 0.00	38.76 -0.25 0.00	34.61 -0.24 0.00	30.96 -0.38 0.00	31.80 0.04 0.00	32.18 -0.19 0.00	30.55 -0.48 0.00	28.99 -0.25 0.00	34.48 -0.38 0.00	67.50 -0.69 0.00	50.78 -0.54 0.00	55.38 -0.57 0.00	48.99 -0.79 0.00	35.90 -0.60 0.00	38.34 -1.20 0.00	37.91 -1.73 0.00	36.44 -1.70 -0.03	35.84 -0.79 0.00
BLACK RIVER___HYD 24047	18.14 -0.57 0.00	8.50 -0.51 0.34	11.76 -0.63 0.00	12.20 -0.86 0.00	17.72 -1.23 0.00	29.66 -1.81 0.00	39.82 -1.93 0.00	37.44 -1.56 0.00	33.59 -1.26 0.00	30.00 -1.34 0.00	30.25 -1.51 0.00	30.97 -1.39 0.00	29.34 -1.69 0.00	27.40 -1.84 0.00	32.62 -2.24 0.00	65.99 -2.20 0.00	51.75 0.44 0.00	56.51 0.56 0.00	49.82 0.04 0.00	36.12 -0.37 0.00	39.30 -0.23 0.00	39.32 -0.32 0.00	37.85 -0.28 -0.01	36.37 -0.27 0.00
BLACKRVR_115KV_TB2 79977	18.14 -0.57 0.00	8.50 -0.51 0.34	11.76 -0.63 0.00	12.20 -0.86 0.00	17.72 -1.23 0.00	29.67 -1.81 0.00	39.82 -1.93 0.00	37.44 -1.56 0.00	33.59 -1.26 0.00	30.00 -1.34 0.00	30.25 -1.51 0.00	30.97 -1.39 0.00	29.34 -1.69 0.00	27.40 -1.83 0.00	32.62 -2.24 0.00	65.99 -2.20 0.00	51.75 0.44 0.00	56.51 0.56 0.00	49.81 0.03 0.00	36.12 -0.38 0.00	39.30 -0.23 0.00	39.32 -0.32 0.00	37.84 -0.28 -0.01	36.37 -0.27 0.00
BLISS_WT_PWR 323608	17.41 -1.30 0.00	6.77 -0.59 1.99	11.56 -0.83 0.00	12.22 -0.84 0.00	17.98 -0.97 0.00	31.23 -0.24 0.00	41.64 -0.11 0.00	38.69 -0.32 0.00	34.54 -0.31 0.00	30.89 -0.46 0.00	31.76 0.00 0.00	32.10 -0.27 0.00	30.53 -0.50 0.00	28.96 -0.27 0.00	34.43 -0.43 0.00	67.49 -0.70 0.00	50.78 -0.49 0.05	55.44 -0.50 0.00	49.04 -0.74 0.00	35.90 -0.58 0.02	38.31 -1.23 0.00	37.82 -1.82 0.00	36.31 -1.83 -0.03	35.07 -0.82 0.75
BLUESTONE___WT_PWR 323821	18.91 0.20 0.00	10.55 0.02 -1.18	12.38 -0.01 0.00	13.21 0.14 0.00	19.07 0.12 0.00	31.89 0.42 0.00	42.41 0.66 0.00	40.17 1.16 0.00	36.60 1.75 0.00	32.86 1.57 0.05	33.24 1.52 0.05	33.62 1.30 0.04	31.49 1.24 0.78	29.31 1.27 1.20	36.56 1.70 0.00	72.31 4.12 0.00	54.55 3.22 -0.01	59.44 3.50 0.00	52.24 2.45 0.00	38.27 1.77 0.00	41.34 1.81 0.00	41.15 1.51 0.00	39.06 0.89 -0.06	38.16 1.38 -0.15
BLUE_CIRC_CHEM_DRP 24182	19.20 0.49 0.00	9.66 0.26 -0.04	12.75 0.36 0.00	13.45 0.39 0.00	19.53 0.58 0.00	32.42 0.95 0.00	43.01 1.26 0.00	40.16 1.15 0.00	35.87 1.02 0.00	32.38 0.92 -0.11	32.84 0.98 -0.11	33.54 1.08 -0.10	33.86 1.00 -1.84	32.89 0.82 -2.83	35.88 1.02 0.00	70.28 2.09 0.00	52.79 1.48 0.00	57.46 1.51 0.00	51.11 1.33 0.00	37.54 1.04 0.00	40.74 1.21 0.00	40.97 1.33 0.00	39.75 1.40 -0.23	37.89 1.25 0.00
BOC_GAS_DRP 24189	19.09 0.38 0.00	9.60 0.20 -0.04	12.65 0.26 0.00	13.34 0.28 0.00	19.36 0.41 0.00	32.14 0.67 0.00	42.62 0.88 0.00	39.84 0.83 0.00	35.61 0.76 0.00	32.18 0.73 -0.10	32.71 0.86 -0.10	33.38 0.93 -0.09	33.62 0.90 -1.69	32.62 0.78 -2.61	35.78 0.92 0.00	69.78 1.59 0.00	52.39 1.07 0.00	57.06 1.12 0.00	50.84 1.06 0.00	37.31 0.81 0.00	40.46 0.93 0.00	40.65 1.01 0.00	39.41 1.06 -0.23	37.53 0.90 0.00
BOONVILLE_115KV_TB1 79983	18.69 -0.02 0.00	9.08 -0.10 0.17	12.30 -0.09 0.00	12.87 -0.19 0.00	18.69 -0.26 0.00	31.19 -0.28 0.00	41.70 -0.04 0.00	39.13 0.12 0.00	35.08 0.23 0.00	31.43 0.08 0.00	31.76 0.00 0.00	32.30 -0.06 0.00	30.82 -0.21 0.00	28.87 -0.37 0.00	34.49 -0.37 0.00	68.54 0.35 0.00	52.42 1.11 0.00	57.05 1.11 0.00	50.55 0.77 0.00	36.95 0.45 0.00	40.10 0.56 0.00	40.17 0.53 0.00	38.62 0.51 -0.01	37.14 0.50 0.00
BORALEX_4TH_BRANCH 23824	19.84 1.13 0.00	9.98 0.58 -0.04	13.14 0.75 0.00	13.84 0.77 0.00	20.07 1.12 0.00	33.62 2.15 0.00	44.57 2.82 0.00	41.61 2.61 0.00	37.20 2.35 0.00	33.48 2.02 -0.12	33.89 2.02 -0.11	34.67 2.21 -0.10	35.11 2.15 -1.93	34.09 1.86 -2.98	37.20 2.34 0.00	73.01 4.82 0.00	54.46 3.15 0.00	59.09 3.14 0.00	52.53 2.74 0.00	38.64 2.14 0.00	42.27 2.73 0.00	42.43 2.79 0.00	40.97 2.63 -0.23	38.84 2.20 0.00
BOWLINE___1 23526	19.65 0.95 0.00	9.84 0.45 -0.04	12.93 0.54 0.00	13.63 0.56 0.00	19.76 0.82 0.00	32.99 1.52 0.00	43.79 2.05 0.00	41.01 2.00 0.00	36.68 1.83 0.00	33.52 1.75 -0.42	33.94 1.79 -0.39	36.21 1.86 -1.98	39.62 1.80 -6.79	41.41 1.70 -10.47	36.90 2.04 0.00	71.70 3.51 0.00	53.94 2.63 0.00	59.18 3.23 0.00	52.81 3.02 0.00	38.63 2.13 0.00	41.71 2.18 0.00	41.86 2.22 0.00	40.40 2.10 -0.19	38.29 1.65 0.00
BOWLINE___2 23595	19.65 0.95 0.00	9.84 0.45 -0.04	12.93 0.54 0.00	13.63 0.56 0.00	19.76 0.82 0.00	32.99 1.52 0.00	43.79 2.05 0.00	41.01 2.00 0.00	36.68 1.84 0.00	33.52 1.75 -0.42	33.95 1.79 -0.39	36.22 1.86 -2.00	39.61 1.80 -6.78	41.40 1.70 -10.46	36.90 2.04 0.00	71.70 3.51 0.00	53.94 2.63 0.00	59.18 3.23 0.00	52.81 3.02 0.00	38.63 2.13 0.00	41.71 2.18 0.00	41.86 2.22 0.00	40.40 2.10 -0.19	38.29 1.65 0.00
BRADY___115KV_TB2 356060	17.41 -1.30 0.00	7.10 -0.74 1.52	11.64 -0.75 0.00	12.30 -0.76 0.00	17.89 -1.06 0.00	30.02 -1.45 0.00	40.81 -0.94 0.00	38.05 -0.95 0.00	33.10 -1.75 0.00	29.03 -2.32 0.00	29.53 -2.23 0.00	30.02 -2.34 0.00	29.00 -2.03 0.00	27.37 -1.87 0.00	32.71 -2.15 0.00	64.77 -3.43 0.00	49.70 -1.62 0.00	53.21 -2.74 0.00	47.34 -2.44 0.00	34.56 -1.93 0.00	37.89 -1.64 0.00	37.94 -1.70 0.00	37.02 -1.09 0.00	37.30 0.67 0.00
BRANSCOMB___SOLAR 323811	19.71 1.00 0.00	9.91 0.51 -0.05	13.04 0.65 0.00	13.75 0.69 0.00	19.96 1.01 0.00	33.44 1.97 0.00	44.46 2.71 0.00	41.53 2.52 0.00	37.12 2.27 0.00	33.31 1.86 -0.10	33.52 1.67 -0.09	34.27 1.83 -0.09	34.41 1.75 -1.64	33.29 1.53 -2.52	36.83 1.97 0.00	72.47 4.27 0.00	54.53 3.21 0.00	59.26 3.32 0.00	52.72 2.94 0.00	38.73 2.23 0.00	42.04 2.50 0.00	42.15 2.51 0.00	40.69 2.33 -0.24	38.67 2.04 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.28 1.57 0.00	10.11 0.72 -0.04	13.28 0.89 0.00	14.00 0.93 0.00	20.29 1.34 0.00	33.94 2.47 0.00	45.21 3.46 0.00	41.97 2.96 0.00	37.86 3.02 0.00	34.66 3.01 -0.31	35.02 2.97 -0.29	36.50 3.18 -0.96	44.71 3.05 -10.64	39.88 2.82 -7.82	42.69 3.44 -4.39	74.94 6.07 -0.68	55.54 4.23 0.00	60.74 4.79 0.00	51.88 4.56 2.46	39.32 3.27 0.45	44.25 3.61 -1.11	43.10 3.46 0.00	41.68 3.37 -0.20	39.36 2.73 0.00

BRISTLHL_115KV_TB1 79998	18.35 -0.36 0.00	9.13 -0.19 0.04	12.15 -0.24 0.00	12.81 -0.26 0.00	18.57 -0.38 0.00	30.82 -0.65 0.00	40.82 -0.93 0.00	38.09 -0.91 0.00	34.01 -0.84 0.00	30.58 -0.77 0.00	30.90 -0.86 0.00	31.44 -0.92 0.00	30.11 -0.92 0.00	28.43 -0.81 0.00	33.81 -1.05 0.00	66.33 -1.87 0.00	50.02 -1.30 0.00	54.64 -1.31 0.00	48.55 -1.23 0.00	35.57 -0.93 0.00	38.48 -1.05 0.00	38.52 -1.12 0.00	36.97 -1.15 -0.02	35.57 -1.07 0.00
BROOKHAVEN___DRP 24191	20.11 1.40 0.00	10.03 0.63 -0.04	13.16 0.77 0.00	13.88 0.81 0.00	20.14 1.19 0.00	33.76 2.29 0.00	45.02 3.28 0.00	41.51 2.50 0.00	37.81 2.96 0.00	34.58 2.93 -0.31	34.90 2.85 -0.29	36.35 3.03 -0.96	44.45 2.88 -10.55	39.74 2.68 -7.82	42.39 3.21 -4.32	74.22 5.36 -0.67	54.89 3.57 0.00	60.01 4.06 0.00	50.40 3.99 3.38	38.71 2.92 0.71	43.44 3.44 -0.47	42.80 3.16 0.00	41.48 3.16 -0.20	39.15 2.51 0.00
BROOKLYN_NAVY_YARD 23515	19.87 1.16 0.00	9.94 0.55 -0.04	13.05 0.66 0.00	13.74 0.67 0.00	19.92 0.97 0.00	33.21 1.74 0.00	44.07 2.32 0.00	41.37 2.36 0.00	37.07 2.22 0.00	33.81 2.15 -0.31	34.40 2.34 -0.29	35.75 2.43 -0.96	38.46 2.35 -5.08	39.27 2.19 -7.84	37.50 2.64 0.00	72.60 4.41 0.00	54.53 3.21 0.00	59.61 3.67 0.00	64.58 3.42 -11.38	42.07 2.46 -3.12	49.47 2.51 -7.43	42.22 2.58 0.00	40.80 2.49 -0.20	38.64 2.00 0.00
BROOKLYN___ARMY_DRP 323595	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
BROOKVLE_69_KV_TB1 55790	20.06 1.35 0.00	10.01 0.63 -0.04	13.14 0.76 0.00	13.85 0.79 0.00	20.09 1.14 0.00	33.56 2.09 0.00	44.65 2.91 0.00	41.71 2.71 0.00	37.50 2.66 0.00	34.21 2.56 -0.31	34.68 2.62 -0.29	36.09 2.77 -0.96	47.76 2.68 -14.05	39.56 2.50 -7.82	44.97 3.02 -7.08	74.60 5.31 -1.09	55.07 3.76 0.00	60.26 4.31 0.00	77.12 4.01 -23.32	46.12 2.87 -6.75	62.17 3.02 -19.61	42.67 3.03 0.00	41.22 2.91 -0.20	39.01 2.37 0.00
BROOME_2_LFGE 323671	18.73 0.02 0.00	9.37 0.00 -0.01	12.40 0.01 0.00	13.09 0.03 0.00	19.00 0.04 0.00	31.69 0.23 0.00	41.95 0.20 0.00	39.27 0.26 0.00	35.07 0.22 0.00	31.43 0.13 0.05	31.84 0.12 0.04	32.43 0.11 0.04	30.34 0.05 0.74	28.24 0.14 1.14	35.05 0.19 0.00	68.69 0.50 0.00	51.61 0.28 -0.01	56.45 0.51 0.00	50.12 0.34 0.00	36.69 0.19 -0.01	39.70 0.17 0.00	39.73 0.09 0.00	38.11 -0.07 -0.06	36.86 0.02 -0.21
BROOME___LFGE 323600	18.73 0.02 0.00	9.37 0.00 -0.01	12.40 0.01 0.00	13.09 0.03 0.00	19.00 0.04 0.00	31.69 0.23 0.00	41.95 0.20 0.00	39.27 0.26 0.00	35.07 0.22 0.00	31.43 0.13 0.05	31.84 0.12 0.04	32.43 0.11 0.04	30.34 0.05 0.74	28.24 0.14 1.14	35.05 0.19 0.00	68.69 0.50 0.00	51.61 0.28 -0.01	56.45 0.51 0.00	50.12 0.34 0.00	36.69 0.19 -0.01	39.70 0.17 0.00	39.73 0.09 0.00	38.11 -0.07 -0.06	36.86 0.02 -0.21
BROWNFLS_115KV_TB 3_5 80003	17.62 -1.09 0.00	7.75 -0.70 0.90	11.61 -0.78 0.00	12.14 -0.92 0.00	17.64 -1.31 0.00	29.56 -1.91 0.00	39.99 -1.76 0.00	37.47 -1.53 0.00	33.18 -1.66 0.00	29.50 -1.85 0.00	29.89 -1.87 0.00	30.40 -1.96 0.00	29.09 -1.94 0.00	27.26 -1.98 0.00	32.52 -2.34 0.00	65.18 -3.01 0.00	50.41 -0.91 0.00	54.41 -1.53 0.00	48.18 -1.60 0.00	35.11 -1.39 0.00	38.35 -1.18 0.00	38.42 -1.22 0.00	37.22 -0.90 -0.01	36.61 -0.02 0.00
BROWNSV1_27_KV_LOAD 356125	20.07 1.36 0.00	10.03 0.64 -0.04	13.18 0.79 0.00	13.87 0.80 0.00	20.11 1.16 0.00	33.55 2.08 0.00	44.57 2.82 0.00	41.83 2.82 0.00	37.49 2.65 0.00	34.19 2.53 -0.31	34.75 2.70 -0.29	36.12 2.80 -0.96	38.81 2.70 -5.08	39.60 2.53 -7.84	37.89 3.03 0.00	73.46 5.27 0.00	55.15 3.84 0.00	60.32 4.38 0.00	53.83 4.04 0.00	39.40 2.91 0.00	42.52 2.99 0.00	42.67 3.03 0.00	41.21 2.90 -0.20	39.02 2.39 0.00
BURROWS___LYONSDAL 23803	18.51 -0.20 0.00	8.90 -0.22 0.23	12.15 -0.24 0.00	12.68 -0.38 0.00	18.41 -0.54 0.00	30.75 -0.72 0.00	41.20 -0.55 0.00	38.70 -0.31 0.00	34.73 -0.12 0.00	31.12 -0.22 0.00	31.46 -0.30 0.00	31.98 -0.39 0.00	30.46 -0.57 0.00	28.48 -0.76 0.00	33.99 -0.87 0.00	67.93 -0.27 0.00	52.23 0.91 0.00	56.80 0.86 0.00	50.28 0.50 0.00	36.70 0.20 0.00	39.88 0.34 0.00	39.95 0.31 0.00	38.45 0.33 -0.01	36.98 0.34 0.00
CAITHNESS_CC_1 323624	20.09 1.39 0.00	10.02 0.63 -0.04	13.15 0.76 0.00	13.87 0.81 0.00	20.12 1.17 0.00	33.70 2.23 0.00	44.93 3.18 0.00	41.49 2.48 0.00	37.68 2.83 0.00	34.50 2.85 -0.31	34.83 2.77 -0.29	36.29 2.97 -0.96	44.38 2.81 -10.54	39.67 2.61 -7.82	42.32 3.15 -4.32	74.16 5.30 -0.67	54.86 3.55 0.00	59.99 4.04 0.00	50.30 3.91 3.40	38.64 2.86 0.71	43.34 3.35 -0.45	42.75 3.11 0.00	41.40 3.09 -0.20	39.08 2.44 0.00
CALPINE BETH_PAGE_GT4 24209	20.05 1.34 0.00	10.00 0.61 -0.04	13.12 0.73 0.00	13.83 0.76 0.00	20.05 1.11 0.00	33.52 2.05 0.00	44.64 2.89 0.00	41.58 2.57 0.00	37.44 2.59 0.00	34.21 2.55 -0.31	34.63 2.58 -0.29	36.06 2.75 -0.96	45.57 2.65 -11.89	39.53 2.47 -7.82	43.22 2.98 -5.38	74.01 4.98 -0.83	54.73 3.41 0.00	59.83 3.89 0.00	60.96 3.72 -7.46	41.48 2.67 -2.32	50.62 2.90 -8.19	42.65 3.01 0.00	41.23 2.92 -0.20	39.00 2.36 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.05 1.34 0.00	10.00 0.61 -0.04	13.12 0.74 0.00	13.83 0.76 0.00	20.05 1.11 0.00	33.52 2.06 0.00	44.64 2.89 0.00	41.58 2.57 0.00	37.44 2.59 0.00	34.21 2.55 -0.31	34.63 2.58 -0.29	36.06 2.74 -0.96	45.57 2.65 -11.89	39.53 2.47 -7.82	43.22 2.98 -5.38	74.00 4.98 -0.83	54.73 3.42 0.00	59.84 3.89 0.00	60.92 3.68 -7.46	41.47 2.66 -2.32	50.63 2.90 -8.19	42.65 3.01 0.00	41.24 2.93 -0.20	38.99 2.36 0.00
CALPINE_BP_GT1 23823	20.05 1.34 0.00	10.00 0.61 -0.04	13.12 0.74 0.00	13.83 0.76 0.00	20.05 1.11 0.00	33.52 2.06 0.00	44.64 2.89 0.00	41.58 2.57 0.00	37.44 2.59 0.00	34.21 2.55 -0.31	34.63 2.58 -0.29	36.06 2.74 -0.96	45.57 2.65 -11.89	39.53 2.47 -7.82	43.22 2.98 -5.38	74.00 4.98 -0.83	54.73 3.42 0.00	59.84 3.89 0.00	60.92 3.68 -7.46	41.47 2.66 -2.32	50.63 2.90 -8.19	42.65 3.01 0.00	41.24 2.93 -0.20	38.99 2.36 0.00
CALSPAN___DRP 24200	17.76 -0.95 0.00	7.09 -0.47 1.79	11.84 -0.55 0.00	12.53 -0.54 0.00	18.36 -0.59 0.00	31.19 -0.28 0.00	41.07 -0.68 0.00	38.07 -0.94 0.00	33.93 -0.92 0.00	30.38 -0.96 0.00	31.09 -0.67 0.00	31.46 -0.91 0.00	29.94 -1.09 0.00	28.29 -0.95 0.00	33.64 -1.22 0.00	65.68 -2.52 0.00	49.40 -1.92 0.00	53.74 -2.21 0.00	47.59 -2.19 0.00	34.93 -1.56 0.00	37.44 -2.10 0.00	37.30 -2.34 0.00	35.99 -2.15 -0.03	35.24 -1.40 0.00

ELLENBURG_WT_PWR 323604	16.79 -1.92 0.00	6.60 -1.08 1.67	11.19 -1.20 0.00	11.85 -1.21 0.00	17.25 -1.70 0.00	29.00 -2.47 0.00	39.39 -2.36 0.00	36.65 -2.36 0.00	31.87 -2.98 0.00	28.11 -3.24 0.00	28.60 -3.17 0.00	29.10 -3.26 0.00	28.16 -2.87 0.00	26.65 -2.59 0.00	31.92 -2.94 0.00	63.30 -4.89 0.00	48.41 -2.91 0.00	51.36 -4.59 0.00	46.02 -3.77 0.00	33.62 -2.87 0.00	37.06 -2.47 0.00	37.18 -2.46 0.00	36.40 -1.72 0.00	36.80 0.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.64 -1.07 0.00	7.09 -0.53 1.74	11.77 -0.62 0.00	12.45 -0.61 0.00	18.25 -0.70 0.00	30.98 -0.49 0.00	40.78 -0.97 0.00	37.76 -1.24 0.00	33.66 -1.18 0.00	30.15 -1.19 0.00	30.86 -0.90 0.00	31.23 -1.14 0.00	29.71 -1.32 0.00	28.06 -1.18 0.00	33.34 -1.52 0.00	65.07 -3.12 0.00	48.95 -2.37 0.00	53.20 -2.74 0.00	47.13 -2.65 0.00	34.60 -1.90 0.00	37.08 -2.46 0.00	36.95 -2.69 0.00	35.68 -2.46 -0.03	34.96 -1.68 0.00
EMPIRE_CC_1 323656	19.25 0.54 0.00	9.67 0.28 -0.04	12.75 0.36 0.00	13.44 0.37 0.00	19.50 0.55 0.00	32.50 1.04 0.00	43.02 1.27 0.00	40.11 1.10 0.00	35.86 1.01 0.00	32.50 1.02 -0.13	33.02 1.14 -0.12	33.72 1.24 -0.11	34.41 1.24 -2.15	33.57 1.02 -3.32	36.11 1.25 0.00	70.26 2.07 0.00	52.65 1.33 0.00	57.19 1.25 0.00	50.95 1.17 0.00	37.47 0.97 0.00	40.73 1.20 0.00	41.05 1.41 0.00	39.76 1.42 -0.23	37.79 1.15 0.00
EMPIRE_CC_2 323658	19.25 0.54 0.00	9.67 0.28 -0.04	12.75 0.36 0.00	13.44 0.37 0.00	19.50 0.55 0.00	32.50 1.04 0.00	43.02 1.27 0.00	40.11 1.10 0.00	35.86 1.01 0.00	32.50 1.02 -0.13	33.02 1.14 -0.12	33.72 1.24 -0.11	34.41 1.24 -2.15	33.57 1.02 -3.32	36.11 1.25 0.00	70.26 2.07 0.00	52.65 1.33 0.00	57.19 1.25 0.00	50.95 1.17 0.00	37.47 0.97 0.00	40.73 1.20 0.00	41.05 1.41 0.00	39.76 1.42 -0.23	37.79 1.15 0.00
ENORWICH_115KV_TB1 80156	19.69 0.98 0.00	12.46 0.46 -2.64	13.00 0.62 0.00	13.76 0.70 0.00	19.99 1.04 0.00	33.15 1.68 0.00	44.23 2.48 0.00	41.75 2.75 0.00	37.42 2.57 0.00	33.15 1.85 0.04	33.33 1.61 0.04	33.89 1.57 0.04	31.86 1.52 0.69	29.70 1.53 1.07	36.85 2.00 0.00	73.89 5.69 0.00	55.87 4.55 0.00	61.20 5.26 0.00	53.93 4.15 0.00	39.43 2.93 0.00	42.50 2.97 0.00	42.32 2.68 0.00	40.49 2.32 -0.06	39.00 2.36 0.00
ERIE_ST__34_KV_TB1-2 80199	18.14 -0.57 0.00	7.27 -0.28 1.80	12.08 -0.31 0.00	12.78 -0.28 0.00	18.70 -0.25 0.00	31.74 0.27 0.00	41.71 -0.04 0.00	38.71 -0.30 0.00	34.54 -0.31 0.00	30.94 -0.41 0.00	31.65 -0.11 0.00	32.08 -0.28 0.00	30.58 -0.45 0.00	28.90 -0.34 0.00	34.36 -0.50 0.00	66.98 -1.21 0.00	50.28 -1.04 0.00	54.70 -1.25 0.00	48.45 -1.33 0.00	35.56 -0.94 0.00	38.12 -1.42 0.00	38.00 -1.64 0.00	36.63 -1.51 -0.03	35.77 -0.86 0.00
ERIE_WT_PWR 323693	17.74 -0.96 0.00	7.09 -0.47 1.79	11.84 -0.55 0.00	12.52 -0.55 0.00	18.35 -0.60 0.00	31.17 -0.30 0.00	41.04 -0.71 0.00	38.07 -0.94 0.00	33.94 -0.91 0.00	30.38 -0.96 0.00	31.09 -0.67 0.00	31.45 -0.91 0.00	30.00 -1.03 0.00	28.30 -0.94 0.00	33.63 -1.23 0.00	65.66 -2.54 0.00	49.37 -1.91 0.04	53.80 -2.15 0.00	47.61 -2.18 0.00	34.96 -1.52 0.02	37.45 -2.08 0.00	37.31 -2.33 0.00	35.99 -2.15 -0.03	34.65 -1.40 0.59
ESPRGFLD_115KV_TB1 80157	19.35 0.63 0.00	9.66 0.31 0.00	12.80 0.41 0.00	13.48 0.42 0.00	19.56 0.61 0.00	32.39 0.92 0.00	43.12 1.37 0.00	40.48 1.47 0.00	36.11 1.27 0.00	32.53 1.18 0.00	32.67 0.91 0.00	33.22 0.86 0.00	31.88 0.85 0.00	30.10 0.86 0.00	36.00 1.14 0.00	70.90 2.71 0.00	53.74 2.42 0.00	58.77 2.82 0.00	52.22 2.43 0.00	38.18 1.68 0.00	41.10 1.57 0.00	41.09 1.45 0.00	39.39 1.28 0.00	37.98 1.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.93 0.22 0.00	15.36 0.10 -5.91	12.53 0.14 0.00	13.22 0.16 0.00	19.19 0.24 0.00	31.95 0.48 0.00	42.40 0.65 0.00	39.70 0.70 0.00	35.39 0.54 0.00	31.58 0.24 0.00	31.87 0.11 0.00	32.43 0.07 0.00	30.99 -0.04 0.00	29.27 0.04 0.00	34.98 0.12 0.00	69.08 0.89 0.00	52.16 0.85 0.00	57.13 1.18 0.00	50.72 0.94 0.00	37.13 0.63 0.00	40.14 0.60 0.00	40.13 0.49 0.00	38.48 0.32 -0.04	36.99 0.36 0.00
ETNA____115KV_TB2 80207	18.93 0.22 0.00	15.36 0.10 -5.91	12.53 0.14 0.00	13.22 0.16 0.00	19.19 0.24 0.00	31.95 0.48 0.00	42.40 0.65 0.00	39.70 0.70 0.00	35.39 0.54 0.00	31.58 0.24 0.00	31.87 0.11 0.00	32.43 0.07 0.00	30.99 -0.04 0.00	29.27 0.04 0.00	34.98 0.12 0.00	69.08 0.89 0.00	52.16 0.85 0.00	57.13 1.18 0.00	50.72 0.94 0.00	37.13 0.63 0.00	40.14 0.60 0.00	40.13 0.49 0.00	38.48 0.32 -0.04	36.99 0.36 0.00
EUCLID__115KV_TB2 356179	18.42 -0.29 0.00	9.17 -0.15 0.03	12.20 -0.19 0.00	12.87 -0.20 0.00	18.66 -0.29 0.00	30.98 -0.49 0.00	41.04 -0.71 0.00	38.29 -0.71 0.00	34.20 -0.65 0.00	30.75 -0.60 0.00	31.12 -0.64 0.00	31.68 -0.68 0.00	30.34 -0.69 0.00	28.65 -0.59 0.00	34.09 -0.77 0.00	66.77 -1.42 0.00	50.29 -1.02 0.00	54.90 -1.04 0.00	48.79 -0.99 0.00	35.75 -0.74 0.00	38.68 -0.86 0.00	38.71 -0.93 0.00	37.18 -0.95 -0.02	35.78 -0.86 0.00
E_CANADA_CAP_HY 24051	19.53 0.82 0.00	9.79 0.39 -0.05	12.91 0.52 0.00	13.59 0.52 0.00	19.71 0.76 0.00	32.65 1.18 0.00	43.38 1.63 0.00	40.67 1.66 0.00	36.20 1.35 0.00	32.63 1.23 -0.06	32.58 0.76 -0.06	33.14 0.73 -0.05	32.88 0.85 -1.00	31.58 0.80 -1.54	35.95 1.10 0.00	70.96 2.77 0.00	53.95 2.64 0.00	58.92 2.98 0.00	52.40 2.62 0.00	38.33 1.83 0.00	41.28 1.75 0.00	41.40 1.76 0.00	40.06 1.68 -0.27	38.39 1.75 0.00
E_CANADA_MHWK_HY 24050	19.01 0.30 0.00	9.52 0.17 0.00	12.58 0.20 0.00	13.27 0.21 0.00	19.19 0.24 0.00	31.72 0.25 0.00	42.07 0.32 0.00	39.58 0.58 0.00	35.45 0.60 0.00	31.64 0.29 0.00	31.82 0.06 0.00	32.55 0.19 0.00	31.36 0.32 0.00	29.44 0.20 0.00	35.32 0.46 0.00	69.69 1.50 0.00	52.40 1.08 0.00	57.32 1.38 0.00	51.03 1.25 0.00	37.41 0.91 0.00	40.60 1.07 0.00	40.83 1.19 0.00	39.22 1.11 0.00	37.47 0.83 0.00
E_FISHKILL__LBMP 23776	19.62 0.91 0.00	9.83 0.44 -0.04	12.92 0.53 0.00	13.62 0.55 0.00	19.74 0.79 0.00	32.91 1.44 0.00	43.73 1.98 0.00	40.97 1.97 0.00	36.66 1.82 0.00	33.33 1.73 -0.26	33.84 1.83 -0.24	34.51 1.93 -0.22	37.11 1.88 -4.21	37.46 1.74 -6.49	36.94 2.09 0.00	71.84 3.64 0.00	53.99 2.67 0.00	59.00 3.06 0.00	52.61 2.83 0.00	38.54 2.04 0.00	41.65 2.12 0.00	41.81 2.17 0.00	40.37 2.05 -0.20	38.28 1.65 0.00
FALCON__SEABRD_CC1 323796	17.01 -1.69 0.00	6.73 -0.95 1.67	11.34 -1.05 0.00	12.01 -1.05 0.00	17.51 -1.44 0.00	29.50 -1.96 0.00	40.01 -1.74 0.00	37.24 -1.77 0.00	32.37 -2.48 0.00	28.53 -2.82 0.00	28.99 -2.78 0.00	29.56 -2.81 0.00	28.57 -2.45 0.00	27.02 -2.22 0.00	32.46 -2.40 0.00	64.15 -4.04 0.00	49.15 -2.17 0.00	52.17 -3.77 0.00	46.68 -3.11 0.00	34.20 -2.30 0.00	37.61 -1.92 0.00	37.72 -1.92 0.00	36.85 -1.26 0.00	37.27 0.63 0.00

FPL FAR_ROCK_GT2 23815	20.15 1.44 0.00	10.05 0.66 -0.04	13.19 0.80 0.00	13.89 0.83 0.00	20.15 1.20 0.00	33.68 2.22 0.00	44.83 3.08 0.00	41.81 2.80 0.00	37.60 2.75 0.00	34.34 2.69 -0.31	34.79 2.74 -0.29	36.23 2.91 -0.96	47.80 2.83 -13.94	39.70 2.64 -7.82	45.04 3.18 -7.00	74.92 5.65 -1.08	55.33 4.01 0.00	60.49 4.54 0.00	100.19 4.22 -46.18	52.54 3.03 -13.01	77.23 3.22 -34.48	42.86 3.22 0.00	41.41 3.10 -0.20	39.18 2.54 0.00
FRANKLIN_FALL_HYD 24054	17.10 -1.62 0.00	6.87 -0.92 1.56	11.40 -0.99 0.00	12.06 -1.00 0.00	17.56 -1.40 0.00	29.50 -1.97 0.00	40.12 -1.63 0.00	37.41 -1.60 0.00	32.59 -2.26 0.00	28.76 -2.59 0.00	29.24 -2.52 0.00	29.72 -2.65 0.00	28.76 -2.27 0.00	27.18 -2.06 0.00	32.49 -2.37 0.00	64.49 -3.71 0.00	49.28 -2.04 0.00	52.52 -3.43 0.00	46.90 -2.89 0.00	34.24 -2.26 0.00	37.65 -1.88 0.00	37.75 -1.89 0.00	36.90 -1.22 0.00	37.23 0.59 0.00
FREEPORT_EQUS_GT1 23764	20.06 1.36 0.00	10.01 0.62 -0.04	13.13 0.74 0.00	13.84 0.77 0.00	20.06 1.11 0.00	33.54 2.08 0.00	44.64 2.90 0.00	41.61 2.60 0.00	37.46 2.61 0.00	34.21 2.56 -0.31	34.63 2.58 -0.29	36.06 2.74 -0.96	46.12 2.66 -12.43	39.54 2.48 -7.82	43.68 3.01 -5.81	74.33 5.24 -0.90	54.81 3.49 0.00	59.79 3.84 0.00	72.67 3.77 -19.12	44.76 2.73 -5.53	58.53 2.93 -16.07	42.69 3.04 0.00	41.26 2.95 -0.20	39.01 2.37 0.00
FREEPORT___CT2 23818	20.06 1.36 0.00	10.01 0.62 -0.04	13.13 0.74 0.00	13.84 0.77 0.00	20.06 1.11 0.00	33.54 2.08 0.00	44.64 2.90 0.00	41.61 2.60 0.00	37.46 2.61 0.00	34.21 2.56 -0.31	34.63 2.58 -0.29	36.06 2.74 -0.96	46.12 2.66 -12.43	39.54 2.48 -7.82	43.68 3.01 -5.81	74.33 5.24 -0.90	54.81 3.49 0.00	59.79 3.84 0.00	72.67 3.77 -19.12	44.76 2.73 -5.53	58.53 2.93 -16.07	42.69 3.04 0.00	41.26 2.95 -0.20	39.01 2.37 0.00
FRESHKLS_33_KV_LOAD 356253	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.67 0.00	13.75 0.69 0.00	19.94 0.99 0.00	33.27 1.80 0.00	44.24 2.49 0.00	41.47 2.46 0.00	37.10 2.25 0.00	33.78 2.12 -0.31	34.26 2.21 -0.29	35.58 2.26 -0.96	38.35 2.25 -5.08	39.14 2.07 -7.83	37.39 2.53 0.00	72.46 4.27 0.00	54.43 3.12 0.00	59.56 3.62 0.00	53.25 3.48 0.00	38.98 2.48 0.00	42.07 2.54 0.00	42.22 2.58 0.00	40.73 2.42 -0.20	38.56 1.92 0.00
FULTON COGEN____ 23766	18.35 -0.36 0.00	9.13 -0.19 0.04	12.15 -0.24 0.00	12.81 -0.26 0.00	18.57 -0.38 0.00	30.82 -0.65 0.00	40.82 -0.93 0.00	38.09 -0.91 0.00	34.01 -0.84 0.00	30.58 -0.77 0.00	30.90 -0.86 0.00	31.44 -0.92 0.00	30.11 -0.92 0.00	28.43 -0.81 0.00	33.81 -1.05 0.00	66.33 -1.87 0.00	50.02 -1.30 0.00	54.64 -1.31 0.00	48.55 -1.23 0.00	35.57 -0.93 0.00	38.48 -1.05 0.00	38.52 -1.12 0.00	36.97 -1.15 -0.02	35.57 -1.07 0.00
FULTON___LFGE 323630	19.67 0.96 0.00	9.88 0.47 -0.05	13.00 0.61 0.00	13.70 0.63 0.00	19.88 0.93 0.00	33.05 1.58 0.00	43.99 2.24 0.00	41.26 2.25 0.00	36.75 1.90 0.00	32.93 1.52 -0.07	32.68 0.85 -0.07	33.26 0.83 -0.06	33.24 0.99 -1.21	31.88 0.76 -1.87	36.01 1.15 0.00	71.58 3.39 0.00	54.56 3.24 0.00	59.62 3.67 0.00	53.02 3.24 0.00	38.82 2.32 0.00	41.88 2.35 0.00	41.93 2.29 0.00	40.53 2.16 -0.26	38.69 2.05 0.00
G.F.CEMENT___DRP 24184	19.94 1.23 0.00	10.02 0.62 -0.05	13.19 0.80 0.00	13.91 0.84 0.00	20.20 1.25 0.00	34.00 2.53 0.00	45.27 3.52 0.00	42.31 3.30 0.00	37.81 2.96 0.00	33.81 2.37 -0.10	34.02 2.16 -0.09	34.81 2.36 -0.08	34.77 2.15 -1.59	33.59 1.90 -2.46	37.33 2.47 0.00	73.55 5.36 0.00	55.50 4.19 0.00	60.22 4.28 0.00	53.57 3.78 0.00	39.39 2.89 0.00	42.71 3.18 0.00	42.76 3.12 0.00	41.21 2.85 -0.24	39.18 2.54 0.00
GARDENVILLE___LBMP 24039	17.69 -1.02 0.00	7.05 -0.51 1.80	11.80 -0.59 0.00	12.49 -0.58 0.00	18.30 -0.65 0.00	31.10 -0.37 0.00	40.96 -0.79 0.00	37.96 -1.05 0.00	33.83 -1.02 0.00	30.29 -1.06 0.00	30.99 -0.77 0.00	31.35 -1.01 0.00	29.83 -1.20 0.00	28.20 -1.04 0.00	33.52 -1.34 0.00	65.46 -2.73 0.00	49.22 -2.09 0.00	53.56 -2.39 0.00	47.43 -2.35 0.00	34.81 -1.69 0.00	37.28 -2.25 0.00	37.15 -2.49 0.00	35.87 -2.27 -0.03	35.13 -1.50 0.00
GARDNVLA_35_KV_LD 355827	17.77 -0.93 0.00	7.10 -0.46 1.79	11.86 -0.53 0.00	12.54 -0.52 0.00	18.38 -0.57 0.00	31.22 -0.25 0.00	41.12 -0.63 0.00	38.12 -0.89 0.00	33.98 -0.87 0.00	30.42 -0.93 0.00	31.13 -0.63 0.00	31.51 -0.85 0.00	29.98 -1.05 0.00	28.33 -0.91 0.00	33.68 -1.18 0.00	65.80 -2.40 0.00	49.48 -1.84 0.00	53.83 -2.11 0.00	47.67 -2.11 0.00	35.00 -1.50 0.00	37.51 -2.03 0.00	37.36 -2.28 0.00	36.04 -2.10 -0.03	35.29 -1.35 0.00
GELCKHM___115KV_LOAD 80723	18.50 -0.21 0.00	9.21 -0.11 0.03	12.24 -0.14 0.00	12.91 -0.15 0.00	18.73 -0.22 0.00	31.11 -0.36 0.00	41.20 -0.55 0.00	38.46 -0.55 0.00	34.34 -0.51 0.00	30.86 -0.49 0.00	31.23 -0.53 0.00	31.79 -0.57 0.00	30.45 -0.58 0.00	28.75 -0.48 0.00	34.21 -0.64 0.00	67.07 -1.12 0.00	50.53 -0.79 0.00	55.17 -0.78 0.00	49.03 -0.75 0.00	35.91 -0.59 0.00	38.85 -0.69 0.00	38.88 -0.76 0.00	37.33 -0.80 -0.02	35.92 -0.72 0.00
GENERAL___MILLS 23808	17.76 -0.95 0.00	7.09 -0.47 1.79	11.84 -0.55 0.00	12.53 -0.54 0.00	18.36 -0.59 0.00	31.19 -0.28 0.00	41.07 -0.68 0.00	38.07 -0.94 0.00	33.93 -0.92 0.00	30.38 -0.96 0.00	31.09 -0.67 0.00	31.46 -0.91 0.00	29.94 -1.09 0.00	28.29 -0.95 0.00	33.64 -1.22 0.00	65.68 -2.52 0.00	49.40 -1.92 0.00	53.74 -2.21 0.00	47.59 -2.19 0.00	34.93 -1.56 0.00	37.44 -2.10 0.00	37.30 -2.34 0.00	35.99 -2.15 -0.03	35.24 -1.40 0.00
GE_PLASTICS___DRP 24183	19.10 0.39 0.00	9.61 0.21 -0.04	12.67 0.28 0.00	13.37 0.30 0.00	19.39 0.44 0.00	32.20 0.73 0.00	42.70 0.95 0.00	39.91 0.90 0.00	35.68 0.83 0.00	32.23 0.78 -0.11	32.80 0.94 -0.10	33.47 1.02 -0.09	33.74 0.97 -1.74	32.75 0.83 -2.68	35.83 0.98 0.00	69.91 1.72 0.00	52.48 1.16 0.00	57.15 1.21 0.00	50.89 1.11 0.00	37.36 0.86 0.00	40.54 1.01 0.00	40.76 1.12 0.00	39.54 1.20 -0.23	37.67 1.04 0.00
GILBOA___1 23756	19.15 0.44 0.00	9.67 0.28 -0.04	12.74 0.35 0.00	13.44 0.38 0.00	19.50 0.55 0.00	32.20 0.74 0.00	42.73 0.98 0.00	39.97 0.96 0.00	35.73 0.88 0.00	32.22 0.82 -0.05	32.68 0.87 -0.05	33.35 0.95 -0.04	32.78 0.91 -0.84	31.36 0.83 -1.29	35.86 1.00 0.00	70.01 1.82 0.00	52.47 1.16 0.00	57.21 1.27 0.00	51.03 1.25 0.00	37.48 0.98 0.00	40.59 1.05 0.00	40.73 1.09 0.00	39.34 1.05 -0.18	37.52 0.88 0.00
GILBOA___2 23757	19.15 0.44 0.00	9.67 0.28 -0.04	12.74 0.35 0.00	13.44 0.38 0.00	19.50 0.55 0.00	32.20 0.74 0.00	42.73 0.98 0.00	39.97 0.96 0.00	35.73 0.88 0.00	32.22 0.82 -0.05	32.68 0.87 -0.05	33.35 0.95 -0.04	32.78 0.91 -0.84	31.36 0.83 -1.29	35.86 1.00 0.00	70.01 1.82 0.00	52.47 1.16 0.00	57.21 1.27 0.00	51.03 1.25 0.00	37.48 0.98 0.00	40.59 1.05 0.00	40.73 1.09 0.00	39.34 1.05 -0.18	37.52 0.88 0.00

GILBOA___3 23758	19.15 0.44 0.00	9.67 0.28 -0.04	12.74 0.35 0.00	13.44 0.38 0.00	19.50 0.55 0.00	32.20 0.74 0.00	42.73 0.98 0.00	39.97 0.96 0.00	35.73 0.88 0.00	32.22 0.82 -0.05	32.68 0.87 -0.05	33.35 0.95 -0.04	32.78 0.91 -0.84	31.36 0.83 -1.29	35.86 1.00 0.00	70.01 1.82 0.00	52.47 1.16 0.00	57.21 1.27 0.00	51.03 1.25 0.00	37.48 0.98 0.00	40.59 1.05 0.00	40.73 1.09 0.00	39.34 1.05 -0.18	37.52 0.88 0.00
GILBOA___4 23759	19.15 0.44 0.00	9.67 0.28 -0.04	12.74 0.35 0.00	13.44 0.38 0.00	19.50 0.55 0.00	32.20 0.74 0.00	42.73 0.98 0.00	39.97 0.96 0.00	35.73 0.88 0.00	32.22 0.82 -0.05	32.68 0.87 -0.05	33.35 0.95 -0.04	32.78 0.91 -0.84	31.36 0.83 -1.29	35.86 1.00 0.00	70.01 1.82 0.00	52.47 1.16 0.00	57.21 1.27 0.00	51.03 1.25 0.00	37.48 0.98 0.00	40.59 1.05 0.00	40.73 1.09 0.00	39.34 1.05 -0.18	37.52 0.88 0.00
GILBOA___ 23599	19.15 0.44 0.00	9.67 0.28 -0.04	12.74 0.35 0.00	13.44 0.38 0.00	19.50 0.55 0.00	32.20 0.74 0.00	42.73 0.98 0.00	39.97 0.96 0.00	35.73 0.88 0.00	32.22 0.82 -0.05	32.68 0.88 -0.05	33.35 0.95 -0.04	32.78 0.92 -0.84	31.36 0.83 -1.29	35.87 1.01 0.00	70.01 1.82 0.00	52.47 1.16 0.00	57.21 1.27 0.00	51.03 1.25 0.00	37.48 0.98 0.00	40.59 1.05 0.00	40.73 1.09 0.00	39.34 1.05 -0.18	37.52 0.89 0.00
GINNA___ 23603	17.40 -1.31 0.00	7.77 -0.66 0.93	11.56 -0.83 0.00	12.21 -0.86 0.00	17.79 -1.16 0.00	29.82 -1.65 0.00	39.48 -2.27 0.00	36.72 -2.29 0.00	32.72 -2.13 0.00	29.34 -2.00 0.00	29.82 -1.94 0.00	30.28 -2.08 0.00	28.96 -2.07 0.00	27.33 -1.91 0.00	32.52 -2.34 0.00	63.68 -4.51 0.00	47.94 -3.36 0.01	52.24 -3.70 0.00	46.37 -3.42 0.00	33.97 -2.52 0.01	36.59 -2.95 0.00	36.54 -3.10 0.00	35.09 -3.05 -0.02	33.76 -2.66 0.22
GLEN PARK___ 23778	18.20 -0.51 0.00	8.54 -0.48 0.33	11.80 -0.58 0.00	12.25 -0.81 0.00	17.80 -1.15 0.00	29.80 -1.66 0.00	40.01 -1.74 0.00	37.62 -1.39 0.00	33.72 -1.13 0.00	30.08 -1.26 0.00	30.32 -1.44 0.00	31.08 -1.28 0.00	29.44 -1.59 0.00	27.50 -1.73 0.00	32.73 -2.13 0.00	66.22 -1.97 0.00	51.99 0.67 0.00	56.81 0.87 0.00	50.15 0.37 0.00	36.30 -0.20 0.00	39.46 -0.07 0.00	39.46 -0.18 0.00	37.96 -0.16 -0.01	36.45 -0.18 0.00
GLENDALE_27_KV_LOAD 356172	20.01 1.30 0.00	10.00 0.61 -0.04	13.14 0.75 0.00	13.82 0.75 0.00	20.04 1.09 0.00	33.41 1.95 0.00	44.41 2.66 0.00	41.68 2.67 0.00	37.36 2.51 0.00	34.07 2.42 -0.31	34.63 2.58 -0.29	35.98 2.66 -0.96	38.68 2.57 -5.08	39.46 2.39 -7.83	37.76 2.90 0.00	73.14 4.95 0.00	54.93 3.62 0.00	60.06 4.12 0.00	53.63 3.84 0.00	39.25 2.75 0.00	42.36 2.82 0.00	42.52 2.88 0.00	41.05 2.74 -0.20	38.87 2.23 0.00
GLENWOOD_IC_1_G1 23712	19.99 1.28 0.00	9.98 0.59 -0.04	13.11 0.72 0.00	13.81 0.75 0.00	20.03 1.08 0.00	33.44 1.97 0.00	44.47 2.72 0.00	41.57 2.56 0.00	37.36 2.51 0.00	34.08 2.42 -0.31	34.55 2.50 -0.29	35.95 2.63 -0.96	48.13 2.55 -14.55	39.44 2.38 -7.82	45.21 2.87 -7.48	74.36 5.01 -1.16	54.89 3.57 0.00	60.04 4.09 -0.01	78.22 3.81 -24.64	46.36 2.73 -7.13	63.10 2.86 -20.71	42.51 2.87 0.00	41.06 2.75 -0.20	38.87 2.23 0.00
GLENWOOD_IC_2_G1 23688	19.90 1.19 0.00	9.95 0.55 -0.04	13.06 0.67 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.31 1.84 0.00	44.26 2.51 0.00	41.41 2.40 0.00	37.16 2.31 0.00	33.89 2.24 -0.31	34.39 2.33 -0.29	35.78 2.46 -0.96	38.88 2.38 -5.48	39.27 2.21 -7.82	37.86 2.68 -0.32	72.87 4.63 -0.05	54.64 3.32 0.00	59.74 3.79 0.00	54.38 3.54 -1.06	39.34 2.53 -0.31	43.07 2.65 -0.89	42.31 2.67 0.00	40.87 2.56 -0.20	38.70 2.06 0.00
GLENWOOD_IC_3_G1 23689	19.90 1.19 0.00	9.95 0.55 -0.04	13.06 0.67 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.31 1.84 0.00	44.26 2.51 0.00	41.41 2.40 0.00	37.16 2.31 0.00	33.89 2.24 -0.31	34.39 2.33 -0.29	35.78 2.46 -0.96	38.88 2.38 -5.48	39.27 2.21 -7.82	37.86 2.68 -0.32	72.87 4.63 -0.05	54.64 3.32 0.00	59.74 3.79 0.00	54.38 3.54 -1.06	39.34 2.53 -0.31	43.07 2.65 -0.89	42.31 2.67 0.00	40.87 2.56 -0.20	38.70 2.06 0.00
GLENWOOD___4 23550	19.99 1.28 0.00	9.98 0.59 -0.04	13.11 0.72 0.00	13.81 0.75 0.00	20.03 1.08 0.00	33.44 1.97 0.00	44.47 2.72 0.00	41.57 2.56 0.00	37.36 2.51 0.00	34.08 2.42 -0.31	34.55 2.50 -0.29	35.95 2.63 -0.96	48.13 2.55 -14.55	39.44 2.38 -7.82	45.21 2.87 -7.48	74.36 5.01 -1.16	54.89 3.57 0.00	60.04 4.09 -0.01	78.22 3.81 -24.64	46.36 2.73 -7.13	63.10 2.86 -20.71	42.51 2.87 0.00	41.06 2.75 -0.20	38.87 2.23 0.00
GLENWOOD___5 23614	19.99 1.28 0.00	9.98 0.59 -0.04	13.11 0.72 0.00	13.81 0.75 0.00	20.03 1.08 0.00	33.44 1.97 0.00	44.47 2.72 0.00	41.57 2.56 0.00	37.36 2.51 0.00	34.08 2.42 -0.31	34.55 2.50 -0.29	35.95 2.63 -0.96	48.13 2.55 -14.55	39.44 2.38 -7.82	45.21 2.87 -7.48	74.36 5.01 -1.16	54.89 3.57 0.00	60.04 4.09 -0.01	78.22 3.81 -24.64	46.36 2.73 -7.13	63.10 2.86 -20.71	42.51 2.87 0.00	41.06 2.75 -0.20	38.87 2.23 0.00
GLOBAL GREEN_PORT_GT1 23814	19.89 1.19 0.00	9.92 0.52 -0.04	13.01 0.62 0.00	13.81 0.75 0.00	20.13 1.18 0.00	34.20 2.73 0.00	46.15 4.40 0.00	42.55 3.54 0.00	38.65 3.80 0.00	35.26 3.60 -0.31	35.39 3.34 -0.29	36.70 3.38 -0.96	44.89 3.32 -10.55	40.03 2.97 -7.82	42.37 3.19 -4.32	74.43 5.57 -0.67	55.29 3.97 0.00	60.88 4.94 0.00	51.71 5.28 3.35	39.94 4.14 0.70	44.90 4.88 -0.48	44.17 4.53 0.00	42.79 4.48 -0.20	40.31 3.67 0.00
GLOBE___DSASP 323697	17.27 -1.44 0.00	7.09 -0.72 1.55	11.54 -0.84 0.00	12.21 -0.85 0.00	17.88 -1.07 0.00	30.27 -1.20 0.00	39.74 -2.01 0.00	36.65 -2.36 0.00	32.65 -2.20 0.00	29.27 -2.08 0.00	30.01 -1.75 0.00	30.35 -2.01 0.00	28.71 -2.32 0.00	27.10 -2.14 0.00	32.15 -2.71 0.00	62.60 -5.59 0.00	46.99 -4.32 0.00	50.99 -4.95 0.00	45.20 -4.58 0.00	33.22 -3.28 0.00	35.67 -3.86 0.00	35.59 -4.04 0.00	34.42 -3.73 -0.03	33.84 -2.80 0.00
GOETHSLN___LBMP 323567	19.88 1.17 0.00	9.94 0.55 -0.04	13.05 0.66 0.00	13.74 0.67 0.00	19.92 0.97 0.00	33.22 1.75 0.00	44.09 2.34 0.00	41.35 2.35 0.00	37.04 2.20 0.00	33.78 2.12 -0.31	34.31 2.25 -0.29	35.66 2.34 -0.96	38.39 2.29 -5.08	39.22 2.14 -7.84	37.43 2.58 0.00	72.57 4.37 0.00	54.47 3.15 0.00	59.61 3.67 0.00	53.20 3.42 0.00	38.93 2.43 0.00	42.02 2.48 0.00	42.17 2.53 0.00	40.73 2.42 -0.20	38.58 1.94 0.00
GOLAH___69_KV_TB 1_2 80279	18.16 -0.55 0.00	8.01 -0.28 1.06	12.07 -0.31 0.00	12.76 -0.31 0.00	18.61 -0.34 0.00	31.32 -0.15 0.00	41.42 -0.33 0.00	38.44 -0.56 0.00	34.25 -0.60 0.00	30.66 -0.68 0.00	31.18 -0.58 0.00	31.59 -0.78 0.00	30.17 -0.86 0.00	28.48 -0.76 0.00	33.92 -0.95 0.00	66.39 -1.80 0.00	50.03 -1.29 0.00	54.51 -1.44 0.00	48.37 -1.42 0.00	35.44 -1.05 0.00	38.13 -1.40 0.00	38.04 -1.60 0.00	36.57 -1.56 -0.02	35.51 -1.13 0.00

GOODYEAR_LAKE_HYD 323669	19.26 0.55 0.00	9.65 0.28 -0.01	12.75 0.36 0.00	13.45 0.39 0.00	19.52 0.57 0.00	32.38 0.91 0.00	43.05 1.30 0.00	40.35 1.35 0.00	36.07 1.22 0.00	32.47 1.13 0.00	32.83 1.06 0.00	33.41 1.05 0.00	32.03 1.00 0.00	30.23 0.99 0.00	36.12 1.26 0.00	70.92 2.72 0.00	53.43 2.11 0.00	58.38 2.43 0.00	51.90 2.12 0.00	38.00 1.50 0.00	41.01 1.48 0.00	41.03 1.39 0.00	39.39 1.22 -0.06	37.78 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.79 0.08 0.00	9.39 0.03 -0.01	12.44 0.05 0.00	13.14 0.07 0.00	19.05 0.10 0.00	31.80 0.33 0.00	42.09 0.34 0.00	39.39 0.38 0.00	35.17 0.32 0.00	31.52 0.22 0.05	31.92 0.20 0.04	32.53 0.20 0.04	30.44 0.14 0.74	28.33 0.23 1.14	35.16 0.30 0.00	68.89 0.70 0.00	51.75 0.43 0.00	56.62 0.68 0.00	50.27 0.49 0.00	36.79 0.30 0.00	39.81 0.28 0.00	39.84 0.21 0.00	38.23 0.05 -0.06	36.76 0.12 0.00
GOUDEY___7 23579	18.79 0.08 0.00	9.39 0.03 -0.01	12.44 0.05 0.00	13.14 0.07 0.00	19.05 0.10 0.00	31.80 0.33 0.00	42.09 0.34 0.00	39.39 0.38 0.00	35.17 0.32 0.00	31.52 0.22 0.05	31.92 0.20 0.04	32.53 0.20 0.04	30.44 0.14 0.74	28.33 0.23 1.14	35.16 0.30 0.00	68.89 0.70 0.00	51.75 0.43 0.00	56.62 0.68 0.00	50.27 0.49 0.00	36.79 0.30 0.00	39.81 0.28 0.00	39.84 0.21 0.00	38.23 0.05 -0.06	36.76 0.12 0.00
GOUDEY___8 23580	18.79 0.08 0.00	9.39 0.03 -0.01	12.44 0.05 0.00	13.14 0.07 0.00	19.05 0.10 0.00	31.80 0.33 0.00	42.09 0.34 0.00	39.39 0.38 0.00	35.17 0.32 0.00	31.52 0.22 0.05	31.92 0.20 0.04	32.53 0.20 0.04	30.44 0.14 0.74	28.33 0.23 1.14	35.16 0.30 0.00	68.89 0.70 0.00	51.75 0.43 0.00	56.62 0.68 0.00	50.27 0.49 0.00	36.79 0.30 0.00	39.81 0.28 0.00	39.84 0.21 0.00	38.23 0.05 -0.06	36.76 0.12 0.00
GOWANUS_GT1_1 24077	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT1_2 24078	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT1_3 24079	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT1_4 24080	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT1_5 24084	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT1_6 24111	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT1_7 24112	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT1_8 24113	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GOWANUS_GT2_1 24114	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT2_2 24115	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT2_3 24116	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00

GOWANUS_GT2_4 24117	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT2_5 24118	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT2_6 24119	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT2_7 24120	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT2_8 24121	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT3_1 24122	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT3_2 24123	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT3_3 24124	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT3_4 24125	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT3_5 24126	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT3_6 24127	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT3_7 24128	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT3_8 24129	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
GOWANUS_GT4_1 24130	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT4_2 24131	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00

GOWANUS_GT4_3 24132	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT4_4 24133	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT4_5 24134	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT4_6 24135	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT4_7 24136	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GOWANUS_GT4_8 24137	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.22 2.37 0.00	33.92 2.27 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.42 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.68 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.11 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
GREENBSH_115KV_TB3 55895	19.05 0.33 0.00	9.58 0.18 -0.04	12.63 0.24 0.00	13.34 0.27 0.00	19.35 0.40 0.00	32.12 0.65 0.00	42.59 0.84 0.00	39.79 0.78 0.00	35.58 0.73 0.00	32.16 0.71 -0.11	32.80 0.94 -0.10	33.50 1.05 -0.09	33.78 0.99 -1.76	32.79 0.83 -2.72	35.83 0.97 0.00	69.74 1.54 0.00	52.32 1.01 0.00	56.95 1.01 0.00	50.72 0.94 0.00	37.24 0.74 0.00	40.44 0.91 0.00	40.72 1.08 0.00	39.58 1.24 -0.23	37.71 1.07 0.00
GREENIDGE_115KV_TB5 80291	18.37 -0.34 0.00	4.23 -0.19 4.94	12.18 -0.21 0.00	12.87 -0.20 0.00	18.72 -0.23 0.00	31.56 0.09 0.00	41.78 0.03 0.00	39.25 0.24 0.00	34.91 0.06 0.00	31.07 -0.28 0.00	31.37 -0.39 0.00	31.94 -0.42 0.00	30.45 -0.58 0.00	28.81 -0.42 0.00	34.44 -0.42 0.00	67.68 -0.51 0.00	51.22 -0.09 0.00	56.21 0.26 0.00	49.82 0.04 0.00	36.60 0.11 0.00	39.40 -0.14 0.00	39.23 -0.41 0.00	37.57 -0.58 -0.04	36.36 -0.28 0.00
GREENIDGE___3 23582	18.37 -0.34 0.00	4.23 -0.19 4.94	12.18 -0.21 0.00	12.87 -0.20 0.00	18.72 -0.23 0.00	31.56 0.09 0.00	41.78 0.03 0.00	39.25 0.24 0.00	34.91 0.06 0.00	31.07 -0.28 0.00	31.37 -0.39 0.00	31.94 -0.42 0.00	30.45 -0.58 0.00	28.81 -0.42 0.00	34.44 -0.42 0.00	67.68 -0.51 0.00	51.22 -0.09 0.00	56.21 0.26 0.00	49.82 0.04 0.00	36.60 0.11 0.00	39.40 -0.14 0.00	39.23 -0.41 0.00	37.57 -0.58 -0.04	36.36 -0.28 0.00
GREENIDGE___4 23583	18.37 -0.34 0.00	4.23 -0.19 4.94	12.18 -0.21 0.00	12.87 -0.20 0.00	18.72 -0.23 0.00	31.56 0.10 0.00	41.78 0.03 0.00	39.24 0.23 0.00	34.91 0.06 0.00	31.07 -0.28 0.00	31.38 -0.38 0.00	31.94 -0.42 0.00	30.46 -0.57 0.00	28.81 -0.43 0.00	34.45 -0.42 0.00	67.69 -0.51 0.00	51.23 -0.09 -0.01	56.21 0.27 0.00	49.82 0.04 0.00	36.61 0.11 0.00	39.40 -0.13 0.00	39.23 -0.41 0.00	37.57 -0.58 -0.04	36.46 -0.28 -0.10
GREENLWN_69_KV_BK 3 55738	19.95 1.24 0.00	9.96 0.56 -0.04	13.07 0.68 0.00	13.78 0.71 0.00	19.97 1.02 0.00	33.37 1.90 0.00	44.41 2.66 0.00	41.29 2.28 0.00	37.19 2.34 0.00	33.98 2.32 -0.31	34.51 2.46 -0.29	35.86 2.55 -0.96	44.20 2.50 -10.68	39.36 2.30 -7.82	42.09 2.81 -4.42	73.74 4.87 -0.68	54.62 3.30 0.00	59.72 3.77 0.00	50.56 3.61 2.84	38.54 2.60 0.55	43.24 2.83 -0.88	42.38 2.74 0.00	40.97 2.66 -0.20	38.72 2.08 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00
GRISSOM___SOLAR 323813	19.68 0.97 0.00	9.88 0.48 -0.05	13.01 0.62 0.00	13.70 0.63 0.00	19.88 0.93 0.00	33.07 1.60 0.00	44.03 2.28 0.00	41.28 2.28 0.00	36.79 1.94 0.00	32.92 1.50 -0.08	32.65 0.82 -0.07	33.16 0.73 -0.07	33.22 0.94 -1.26	31.84 0.66 -1.94	35.90 1.04 0.00	71.48 3.28 0.00	54.50 3.19 0.00	59.54 3.60 0.00	52.97 3.19 0.00	38.80 2.30 0.00	41.88 2.35 0.00	41.94 2.31 0.00	40.53 2.16 -0.26	38.67 2.03 0.00
GROVEVILLE___HYD 323602	19.87 1.16 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.36 1.89 0.00	44.37 2.62 0.00	41.59 2.58 0.00	37.21 2.37 0.00	33.84 2.19 -0.30	34.30 2.25 -0.28	34.92 2.30 -0.25	38.16 2.24 -4.90	38.90 2.11 -7.55	37.43 2.57 0.00	72.90 4.70 0.00	54.83 3.52 0.00	60.00 4.06 0.00	53.52 3.74 0.00	39.17 2.67 0.00	42.31 2.78 0.00	42.43 2.79 0.00	40.92 2.61 -0.20	38.79 2.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.62 -0.09 0.00	9.28 -0.05 0.02	12.32 -0.07 0.00	13.00 -0.07 0.00	18.85 -0.10 0.00	31.31 -0.15 0.00	41.50 -0.25 0.00	38.74 -0.27 0.00	34.57 -0.28 0.00	31.04 -0.30 0.00	31.40 -0.36 0.00	31.97 -0.39 0.00	30.62 -0.41 0.00	28.93 -0.31 0.00	34.44 -0.42 0.00	67.54 -0.65 0.00	50.88 -0.43 0.00	55.58 -0.36 0.00	49.39 -0.39 0.00	36.17 -0.32 0.00	39.14 -0.40 0.00	39.15 -0.49 0.00	37.58 -0.56 -0.02	36.14 -0.49 0.00

HAMLTNNY_34_KV_TB 80303	18.63 -0.08 0.00	9.31 -0.04 0.00	12.33 -0.06 0.00	13.01 -0.05 0.00	18.88 -0.07 0.00	31.36 -0.11 0.00	41.53 -0.22 0.00	38.76 -0.24 0.00	34.59 -0.26 0.00	31.03 -0.31 0.00	31.40 -0.37 0.00	31.94 -0.42 0.00	30.59 -0.44 0.00	28.91 -0.33 0.00	34.41 -0.46 0.00	67.50 -0.69 0.00	50.86 -0.46 0.00	55.56 -0.38 0.00	49.39 -0.39 0.00	36.17 -0.32 0.00	39.11 -0.42 0.00	39.12 -0.51 0.00	37.55 -0.59 -0.02	36.11 -0.53 0.00
HAMPSHIRE___PAPER_HYD 323593	17.62 -1.09 0.00	7.75 -0.70 0.90	11.61 -0.78 0.00	12.14 -0.92 0.00	17.64 -1.31 0.00	29.56 -1.91 0.00	39.99 -1.76 0.00	37.47 -1.53 0.00	33.18 -1.66 0.00	29.50 -1.85 0.00	29.89 -1.87 0.00	30.40 -1.96 0.00	29.08 -1.95 0.00	27.26 -1.98 0.00	32.52 -2.34 0.00	65.18 -3.01 0.00	50.41 -0.91 0.00	54.41 -1.53 0.00	48.18 -1.60 0.00	35.11 -1.39 0.00	38.35 -1.19 0.00	38.42 -1.22 0.00	37.22 -0.90 -0.01	36.61 -0.02 0.00
HARDSCRABBLE_WT_PWR 323673	18.92 0.21 0.00	9.47 0.12 0.00	12.54 0.15 0.00	13.20 0.14 0.00	19.06 0.11 0.00	31.33 -0.14 0.00	41.71 -0.03 0.00	39.32 0.32 0.00	35.23 0.38 0.00	31.54 0.19 0.00	31.75 -0.01 0.00	32.45 0.09 0.00	31.25 0.23 0.00	29.38 0.14 0.00	35.21 0.35 0.00	69.37 1.18 0.00	52.27 0.96 0.00	57.18 1.23 0.00	50.90 1.12 0.00	37.28 0.78 0.00	40.39 0.85 0.00	40.55 0.91 0.00	39.01 0.90 0.00	37.36 0.72 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.73 1.02 0.00	9.88 0.49 -0.04	12.98 0.59 0.00	13.69 0.62 0.00	19.85 0.90 0.00	33.13 1.66 0.00	44.01 2.26 0.00	41.23 2.22 0.00	36.87 2.02 0.00	33.68 1.90 -0.43	34.09 1.93 -0.40	33.85 1.97 0.47	39.95 1.91 -7.02	41.87 1.81 -10.82	37.07 2.21 0.00	72.15 3.96 0.00	54.32 3.00 0.00	59.58 3.64 0.00	53.14 3.36 0.00	38.87 2.37 0.00	41.98 2.45 0.00	42.10 2.46 0.00	40.60 2.30 -0.19	38.48 1.85 0.00
HARSNRAD_115KV_TB1 81005	17.46 -1.25 0.00	7.23 -0.61 1.52	11.66 -0.73 0.00	12.33 -0.73 0.00	18.06 -0.88 0.00	30.63 -0.84 0.00	40.27 -1.48 0.00	37.21 -1.80 0.00	33.16 -1.69 0.00	29.68 -1.66 0.00	30.37 -1.39 0.00	30.71 -1.65 0.00	29.24 -1.79 0.00	27.60 -1.63 0.00	32.79 -2.07 0.00	63.96 -4.24 0.00	48.12 -3.20 0.00	52.24 -3.70 0.00	46.31 -3.47 0.00	34.02 -2.47 0.00	36.51 -3.02 0.00	36.40 -3.24 0.00	35.17 -2.97 -0.03	34.54 -2.10 0.00
HARZA MOOSE___RIVER 24016	18.51 -0.20 0.00	8.90 -0.22 0.23	12.15 -0.24 0.00	12.68 -0.38 0.00	18.41 -0.54 0.00	30.75 -0.72 0.00	41.20 -0.55 0.00	38.70 -0.31 0.00	34.73 -0.12 0.00	31.12 -0.22 0.00	31.46 -0.30 0.00	31.98 -0.39 0.00	30.46 -0.57 0.00	28.48 -0.76 0.00	33.99 -0.87 0.00	67.93 -0.27 0.00	52.23 0.91 0.00	56.80 0.86 0.00	50.28 0.50 0.00	36.70 0.20 0.00	39.88 0.34 0.00	39.95 0.31 0.00	38.45 0.33 -0.01	36.98 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.50 -0.21 0.00	9.22 -0.11 0.03	12.25 -0.14 0.00	12.92 -0.14 0.00	18.74 -0.21 0.00	31.14 -0.32 0.00	41.25 -0.50 0.00	38.49 -0.51 0.00	34.39 -0.46 0.00	30.89 -0.45 0.00	31.27 -0.49 0.00	31.83 -0.53 0.00	30.49 -0.55 0.00	28.79 -0.45 0.00	34.28 -0.58 0.00	67.14 -1.06 0.00	50.55 -0.76 0.00	55.22 -0.73 0.00	49.07 -0.71 0.00	35.94 -0.55 0.00	38.87 -0.66 0.00	38.91 -0.73 0.00	37.35 -0.78 -0.02	35.94 -0.70 0.00
HELLGATE_13_KV_LD 55870	19.94 1.23 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.71 0.00	19.98 1.03 0.00	33.28 1.81 0.00	44.22 2.47 0.00	41.48 2.48 0.00	37.19 2.34 0.00	33.92 2.27 -0.31	34.49 2.44 -0.29	35.82 2.49 -0.96	38.52 2.41 -5.08	39.32 2.25 -7.83	37.60 2.74 0.00	72.79 4.60 0.00	54.66 3.34 0.00	59.75 3.81 0.00	53.35 3.57 0.00	39.06 2.56 0.00	42.14 2.61 0.00	42.34 2.70 0.00	40.87 2.56 -0.20	38.71 2.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.94 1.23 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.71 0.00	19.98 1.03 0.00	33.28 1.81 0.00	44.22 2.47 0.00	41.48 2.48 0.00	37.19 2.34 0.00	33.92 2.27 -0.31	34.49 2.44 -0.29	35.82 2.49 -0.96	38.52 2.41 -5.08	39.32 2.25 -7.83	37.60 2.74 0.00	72.79 4.60 0.00	54.66 3.34 0.00	59.75 3.81 0.00	53.35 3.57 0.00	39.06 2.56 0.00	42.14 2.61 0.00	42.34 2.70 0.00	40.87 2.56 -0.20	38.71 2.07 0.00
HEMPSTEAD____ 23647	19.94 1.23 0.00	9.95 0.56 -0.04	13.06 0.67 0.00	13.76 0.70 0.00	19.96 1.01 0.00	33.34 1.87 0.00	44.37 2.62 0.00	41.41 2.40 0.00	37.29 2.44 0.00	34.05 2.39 -0.31	34.46 2.40 -0.29	35.87 2.55 -0.96	46.75 2.47 -13.25	39.37 2.31 -7.82	44.10 2.79 -6.45	74.00 4.81 -0.99	54.64 3.33 0.00	59.72 3.77 0.00	74.60 3.57 -21.24	45.21 2.56 -6.15	60.13 2.74 -17.86	42.40 2.76 0.00	40.97 2.66 -0.20	38.76 2.12 0.00
HEWLETT_69_KV_BK3 55828	20.08 1.37 0.00	10.01 0.62 -0.04	13.14 0.75 0.00	13.84 0.78 0.00	20.07 1.13 0.00	33.55 2.08 0.00	44.63 2.88 0.00	41.62 2.61 0.00	37.45 2.60 0.00	34.21 2.55 -0.31	34.67 2.61 -0.29	36.10 2.78 -0.96	47.66 2.69 -13.94	39.58 2.51 -7.82	44.88 3.02 -7.00	74.59 5.32 -1.08	55.07 3.75 0.00	60.21 4.27 0.00	99.97 4.00 -46.18	52.37 2.86 -13.01	77.03 3.02 -34.48	42.68 3.04 0.00	41.25 2.94 -0.20	39.03 2.39 0.00
HICKLING___1 23621	18.20 -0.51 0.00	4.21 -0.28 4.86	12.06 -0.33 0.00	12.75 -0.32 0.00	18.52 -0.43 0.00	31.35 -0.12 0.00	41.42 -0.33 0.00	38.87 -0.13 0.00	34.63 -0.22 0.00	30.90 -0.44 0.00	31.32 -0.44 0.00	31.95 -0.41 0.00	30.48 -0.55 0.00	28.93 -0.31 0.00	34.47 -0.39 0.00	67.84 -0.36 0.00	50.92 -0.39 0.00	55.95 0.00 0.00	49.48 -0.30 0.00	36.16 -0.33 0.00	39.06 -0.47 0.00	38.95 -0.69 0.00	37.21 -0.95 -0.05	36.05 -0.58 0.00
HICKLING___2 23622	18.20 -0.51 0.00	4.21 -0.28 4.86	12.06 -0.33 0.00	12.75 -0.32 0.00	18.52 -0.43 0.00	31.35 -0.12 0.00	41.42 -0.33 0.00	38.87 -0.13 0.00	34.63 -0.22 0.00	30.90 -0.44 0.00	31.32 -0.44 0.00	31.95 -0.41 0.00	30.48 -0.55 0.00	28.93 -0.31 0.00	34.47 -0.39 0.00	67.84 -0.36 0.00	50.92 -0.39 0.00	55.95 0.00 0.00	49.48 -0.30 0.00	36.16 -0.33 0.00	39.06 -0.47 0.00	38.95 -0.69 0.00	37.21 -0.95 -0.05	36.05 -0.58 0.00
HIGH FALLS___HY 23754	19.85 1.14 0.00	9.93 0.54 -0.04	13.05 0.66 0.00	13.76 0.70 0.00	19.95 1.00 0.00	33.26 1.79 0.00	44.26 2.51 0.00	41.50 2.49 0.00	37.14 2.28 0.00	33.60 2.08 -0.18	34.00 2.07 -0.17	34.46 1.95 -0.15	35.87 1.96 -2.88	35.60 1.91 -4.45	37.21 2.35 0.00	72.55 4.36 0.00	54.75 3.43 0.00	60.10 4.16 0.00	53.64 3.86 0.00	39.25 2.75 0.00	42.35 2.82 0.00	42.40 2.76 0.00	40.82 2.52 -0.19	38.66 2.03 0.00
HIGH_RIVER___SOLAR 323847	19.41 0.70 0.00	9.75 0.36 -0.05	12.85 0.46 0.00	13.54 0.47 0.00	19.65 0.70 0.00	32.70 1.23 0.00	43.45 1.70 0.00	40.65 1.64 0.00	36.28 1.43 0.00	32.58 1.15 -0.09	32.32 0.48 -0.08	33.14 0.71 -0.07	33.09 0.66 -1.40	31.93 0.54 -2.16	35.73 0.87 0.00	70.71 2.52 0.00	53.58 2.26 0.00	58.44 2.49 0.00	52.02 2.24 0.00	38.13 1.63 0.00	41.25 1.72 0.00	41.34 1.70 0.00	39.96 1.60 -0.25	38.10 1.46 0.00

HILLBURN___GT 23639	19.70 0.99 0.00	9.86 0.47 -0.04	12.95 0.56 0.00	13.66 0.59 0.00	19.81 0.86 0.00	33.07 1.60 0.00	43.90 2.15 0.00	41.12 2.11 0.00	36.76 1.91 0.00	33.67 1.83 -0.50	34.08 1.86 -0.46	33.85 1.93 0.44	40.93 1.87 -8.03	43.40 1.77 -12.39	36.99 2.13 0.00	71.85 3.66 0.00	54.07 2.76 0.00	59.38 3.43 0.00	52.98 3.20 0.00	38.75 2.25 0.00	41.83 2.30 0.00	41.98 2.34 0.00	40.49 2.19 -0.19	38.36 1.73 0.00
HILLSIDE_115KV_TB1 80332	18.17 -0.54 0.00	4.36 -0.30 4.69	12.03 -0.36 0.00	12.71 -0.35 0.00	18.44 -0.51 0.00	31.10 -0.37 0.00	40.96 -0.79 0.00	38.45 -0.56 0.00	34.29 -0.56 0.00	30.66 -0.68 0.00	31.10 -0.66 0.00	31.76 -0.60 0.00	30.32 -0.71 0.00	28.77 -0.47 0.00	34.25 -0.60 0.00	67.21 -0.98 0.00	50.27 -1.05 0.00	55.29 -0.66 0.00	48.90 -0.89 0.00	35.72 -0.78 0.00	38.69 -0.84 0.00	38.65 -0.99 0.00	36.95 -1.22 -0.05	35.69 -0.94 0.00
HISHELDN_WT_PWR 323625	17.37 -1.34 0.00	6.46 -0.67 2.22	11.58 -0.81 0.00	12.24 -0.82 0.00	17.94 -1.01 0.00	30.63 -0.84 0.00	40.56 -1.19 0.00	37.74 -1.27 0.00	33.57 -1.28 0.00	29.94 -1.41 0.00	30.53 -1.23 0.00	30.96 -1.40 0.00	29.52 -1.51 0.00	27.91 -1.32 0.00	33.19 -1.67 0.00	65.20 -3.00 0.00	49.19 -2.10 0.02	53.67 -2.28 0.00	47.53 -2.26 0.00	34.84 -1.65 0.01	37.36 -2.17 0.00	37.17 -2.47 0.00	35.75 -2.39 -0.03	34.71 -1.60 0.32
HOLTSVILLE_IC_1 23690	20.13 1.42 0.00	10.04 0.65 -0.04	13.17 0.79 0.00	13.90 0.83 0.00	20.15 1.20 0.00	33.72 2.25 0.00	44.92 3.17 0.00	41.61 2.61 0.00	37.65 2.80 0.00	34.48 2.82 -0.31	34.82 2.76 -0.29	36.29 2.97 -0.96	44.40 2.83 -10.54	39.69 2.63 -7.82	42.36 3.18 -4.31	74.36 5.50 -0.67	55.04 3.73 0.00	60.21 4.26 0.00	50.43 4.07 3.42	38.73 2.95 0.72	43.32 3.35 -0.43	42.81 3.17 0.00	41.42 3.11 -0.20	39.12 2.49 0.00
HOLTSVILLE_IC_10 23699	20.21 1.50 0.00	10.07 0.68 -0.04	13.22 0.84 0.00	13.94 0.88 0.00	20.22 1.27 0.00	33.85 2.39 0.00	45.12 3.38 0.00	41.78 2.78 0.00	37.85 3.00 0.00	34.64 2.98 -0.31	34.98 2.92 -0.29	36.45 3.13 -0.96	44.58 2.97 -10.58	39.83 2.77 -7.82	42.58 3.37 -4.35	74.73 5.87 -0.67	55.32 4.01 0.00	60.51 4.57 0.00	51.01 4.35 3.12	39.01 3.15 0.64	43.78 3.60 -0.65	43.01 3.37 0.00	41.62 3.31 -0.20	39.28 2.64 0.00
HOLTSVILLE_IC_2 23691	20.13 1.42 0.00	10.04 0.65 -0.04	13.17 0.79 0.00	13.90 0.83 0.00	20.15 1.20 0.00	33.72 2.25 0.00	44.92 3.17 0.00	41.61 2.61 0.00	37.65 2.80 0.00	34.48 2.82 -0.31	34.82 2.76 -0.29	36.29 2.97 -0.96	44.40 2.83 -10.54	39.69 2.63 -7.82	42.36 3.18 -4.31	74.36 5.50 -0.67	55.04 3.73 0.00	60.21 4.26 0.00	50.43 4.07 3.42	38.73 2.95 0.72	43.32 3.35 -0.43	42.81 3.17 0.00	41.42 3.11 -0.20	39.12 2.49 0.00
HOLTSVILLE_IC_3 23692	20.13 1.42 0.00	10.04 0.65 -0.04	13.17 0.79 0.00	13.90 0.83 0.00	20.15 1.20 0.00	33.72 2.25 0.00	44.92 3.17 0.00	41.61 2.61 0.00	37.65 2.80 0.00	34.48 2.82 -0.31	34.82 2.76 -0.29	36.29 2.97 -0.96	44.40 2.83 -10.54	39.69 2.63 -7.82	42.36 3.18 -4.31	74.36 5.50 -0.67	55.04 3.73 0.00	60.21 4.26 0.00	50.43 4.07 3.42	38.73 2.95 0.72	43.32 3.35 -0.43	42.81 3.17 0.00	41.42 3.11 -0.20	39.12 2.49 0.00
HOLTSVILLE_IC_4 23693	20.13 1.42 0.00	10.04 0.65 -0.04	13.17 0.79 0.00	13.90 0.83 0.00	20.15 1.20 0.00	33.72 2.25 0.00	44.92 3.17 0.00	41.61 2.61 0.00	37.65 2.80 0.00	34.48 2.82 -0.31	34.82 2.76 -0.29	36.29 2.97 -0.96	44.40 2.83 -10.54	39.69 2.63 -7.82	42.36 3.18 -4.31	74.36 5.50 -0.67	55.04 3.73 0.00	60.21 4.26 0.00	50.43 4.07 3.42	38.73 2.95 0.72	43.32 3.35 -0.43	42.81 3.17 0.00	41.42 3.11 -0.20	39.12 2.49 0.00
HOLTSVILLE_IC_5 23694	20.13 1.42 0.00	10.04 0.65 -0.04	13.17 0.79 0.00	13.90 0.83 0.00	20.15 1.20 0.00	33.72 2.25 0.00	44.92 3.17 0.00	41.61 2.61 0.00	37.65 2.80 0.00	34.48 2.82 -0.31	34.82 2.76 -0.29	36.29 2.97 -0.96	44.40 2.83 -10.54	39.69 2.63 -7.82	42.36 3.18 -4.31	74.36 5.50 -0.67	55.04 3.73 0.00	60.21 4.26 0.00	50.43 4.07 3.42	38.73 2.95 0.72	43.32 3.35 -0.43	42.81 3.17 0.00	41.42 3.11 -0.20	39.12 2.49 0.00
HOLTSVILLE_IC_6 23695	20.21 1.50 0.00	10.07 0.68 -0.04	13.22 0.84 0.00	13.94 0.88 0.00	20.22 1.27 0.00	33.85 2.39 0.00	45.12 3.38 0.00	41.78 2.78 0.00	37.85 3.00 0.00	34.64 2.98 -0.31	34.98 2.92 -0.29	36.45 3.13 -0.96	44.58 2.97 -10.58	39.83 2.77 -7.82	42.58 3.37 -4.35	74.73 5.87 -0.67	55.32 4.01 0.00	60.51 4.57 0.00	51.01 4.35 3.12	39.01 3.15 0.64	43.78 3.60 -0.65	43.01 3.37 0.00	41.62 3.31 -0.20	39.28 2.64 0.00
HOLTSVILLE_IC_7 23696	20.21 1.50 0.00	10.07 0.68 -0.04	13.22 0.84 0.00	13.94 0.88 0.00	20.22 1.27 0.00	33.85 2.39 0.00	45.12 3.38 0.00	41.78 2.78 0.00	37.85 3.00 0.00	34.64 2.98 -0.31	34.98 2.92 -0.29	36.45 3.13 -0.96	44.58 2.97 -10.58	39.83 2.77 -7.82	42.58 3.37 -4.35	74.73 5.87 -0.67	55.32 4.01 0.00	60.51 4.57 0.00	51.01 4.35 3.12	39.01 3.15 0.64	43.78 3.60 -0.65	43.01 3.37 0.00	41.62 3.31 -0.20	39.28 2.64 0.00
HOLTSVILLE_IC_8 23697	20.21 1.50 0.00	10.07 0.68 -0.04	13.22 0.84 0.00	13.94 0.88 0.00	20.22 1.27 0.00	33.85 2.39 0.00	45.12 3.38 0.00	41.78 2.78 0.00	37.85 3.00 0.00	34.64 2.98 -0.31	34.98 2.92 -0.29	36.45 3.13 -0.96	44.58 2.97 -10.58	39.83 2.77 -7.82	42.58 3.37 -4.35	74.73 5.87 -0.67	55.32 4.01 0.00	60.51 4.57 0.00	51.01 4.35 3.12	39.01 3.15 0.64	43.78 3.60 -0.65	43.01 3.37 0.00	41.62 3.31 -0.20	39.28 2.64 0.00
HOLTSVILLE_IC_9 23698	20.21 1.50 0.00	10.07 0.68 -0.04	13.22 0.84 0.00	13.94 0.88 0.00	20.22 1.27 0.00	33.85 2.39 0.00	45.12 3.38 0.00	41.78 2.78 0.00	37.85 3.00 0.00	34.64 2.98 -0.31	34.98 2.92 -0.29	36.45 3.13 -0.96	44.58 2.97 -10.58	39.83 2.77 -7.82	42.58 3.37 -4.35	74.73 5.87 -0.67	55.32 4.01 0.00	60.51 4.57 0.00	51.01 4.35 3.12	39.01 3.15 0.64	43.78 3.60 -0.65	43.01 3.37 0.00	41.62 3.31 -0.20	39.28 2.64 0.00
HOMER_HL_115KV_TB2 355744	18.56 -0.15 0.00	7.05 -0.09 2.22	12.31 -0.08 0.00	13.05 -0.01 0.00	19.04 0.09 0.00	32.29 0.82 0.00	42.17 0.43 0.00	39.23 0.22 0.00	35.09 0.24 0.00	31.57 0.22 0.00	32.31 0.55 0.00	32.94 0.58 0.00	31.43 0.40 0.00	29.72 0.48 0.00	35.24 0.38 0.00	68.31 0.11 0.00	50.88 -0.43 0.00	55.50 -0.44 0.00	49.21 -0.57 0.00	36.00 -0.49 0.00	38.58 -0.96 0.00	38.45 -1.19 0.00	37.12 -1.03 -0.03	36.00 -0.63 0.00
HOWARD_WT_PWR 323690	17.06 -1.65 0.00	4.01 -0.81 4.54	11.40 -0.99 0.00	12.06 -1.01 0.00	17.66 -1.29 0.00	30.54 -0.93 0.00	40.52 -1.22 0.00	38.21 -0.80 0.00	34.03 -0.82 0.00	30.27 -1.07 0.00	30.85 -0.91 0.00	31.34 -1.02 0.00	29.90 -1.13 0.00	28.35 -0.89 0.00	33.83 -1.03 0.00	67.14 -1.05 0.00	50.90 -0.42 0.00	55.80 -0.14 0.00	49.23 -0.55 0.00	35.97 -0.53 0.00	38.57 -0.96 0.00	37.91 -1.73 0.00	36.71 -1.44 -0.04	36.04 -0.60 0.00

HQ_GEN_CEDARS 23644	17.23 -1.48 0.00	6.96 -0.82 1.57	11.52 -0.86 0.00	12.18 -0.88 0.00	17.71 -1.24 0.00	29.70 -1.77 0.00	40.30 -1.45 0.00	37.56 -1.45 0.00	32.76 -2.09 0.00	28.93 -2.41 0.00	29.48 -2.29 0.00	29.95 -2.41 0.00	28.91 -2.12 0.00	27.27 -1.96 0.00	32.58 -2.28 0.00	64.25 -3.94 0.00	49.05 -2.27 0.00	52.40 -3.55 0.00	46.67 -3.11 0.00	34.08 -2.42 0.00	37.38 -2.16 0.00	37.45 -2.18 0.00	36.59 -1.53 0.00	36.93 0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	17.23 -1.48 0.00	6.96 -0.82 1.57	11.52 -0.86 0.00	12.18 -0.88 0.00	17.72 -1.23 0.00	29.70 -1.77 0.00	40.30 -1.45 0.00	37.56 -1.45 0.00	32.76 -2.09 0.00	28.93 -2.41 0.00	29.48 -2.29 0.00	29.95 -2.41 0.00	28.91 -2.12 0.00	27.27 -1.97 0.00	32.58 -2.28 0.00	64.25 -3.94 0.00	49.05 -2.26 0.00	52.40 -3.55 0.00	46.67 -3.11 0.00	34.08 -2.42 0.00	37.38 -2.15 0.00	37.46 -2.18 0.00	36.59 -1.52 0.00	36.93 0.29 0.00
HQ_GEN_IMPORT 323601	18.71 0.00 0.00	9.35 0.00 0.00	12.39 0.00 0.00	13.06 0.00 0.00	18.95 0.00 0.00	31.47 0.00 0.00	41.94 0.00 -0.19	37.56 0.00 1.45	34.85 0.00 0.00	31.35 0.00 0.00	31.76 0.00 0.00	32.36 0.00 0.00	31.03 0.00 0.00	29.24 0.00 0.00	34.86 0.00 0.00	68.19 0.00 0.00	51.28 0.00 0.04	56.74 0.00 -0.80	49.78 0.00 0.00	36.50 0.00 0.00	39.53 0.00 0.00	39.64 0.00 0.00	38.11 0.00 0.00	36.64 0.00 0.00
HQ_GEN_WHEEL 23651	18.71 0.00 0.00	9.35 0.00 0.00	12.39 0.00 0.00	13.06 0.00 0.00	18.95 0.00 0.00	31.47 0.00 0.00	41.94 0.00 -0.19	37.56 0.00 1.45	34.85 0.00 0.00	31.35 0.00 0.00	31.76 0.00 0.00	32.36 0.00 0.00	31.03 0.00 0.00	29.24 0.00 0.00	34.86 0.00 0.00	68.19 0.00 0.00	51.28 0.00 0.04	56.74 0.00 -0.80	49.78 0.00 0.00	36.50 0.00 0.00	39.53 0.00 0.00	39.64 0.00 0.00	38.11 0.00 0.00	36.64 0.00 0.00
HUDSON_AVE_GT_3 23810	19.95 1.24 0.00	9.98 0.58 -0.04	13.10 0.71 0.00	13.79 0.73 0.00	20.00 1.05 0.00	33.36 1.89 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.24 2.39 0.00	33.96 2.30 -0.31	34.52 2.46 -0.29	35.89 2.57 -0.96	38.60 2.49 -5.08	39.40 2.32 -7.84	37.65 2.79 0.00	72.98 4.78 0.00	54.79 3.47 0.00	59.90 3.96 0.00	53.46 3.67 0.00	39.13 2.63 0.00	42.23 2.70 0.00	42.38 2.74 0.00	40.94 2.63 -0.20	38.78 2.15 0.00
HUDSON_AVE_GT_4 23540	19.95 1.24 0.00	9.98 0.58 -0.04	13.10 0.71 0.00	13.79 0.73 0.00	20.00 1.05 0.00	33.36 1.89 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.24 2.39 0.00	33.96 2.30 -0.31	34.52 2.46 -0.29	35.89 2.57 -0.96	38.60 2.49 -5.08	39.40 2.32 -7.84	37.65 2.79 0.00	72.98 4.78 0.00	54.79 3.47 0.00	59.90 3.96 0.00	53.46 3.67 0.00	39.13 2.63 0.00	42.23 2.70 0.00	42.38 2.74 0.00	40.94 2.63 -0.20	38.78 2.15 0.00
HUDSON_AVE_GT_5 23657	19.95 1.24 0.00	9.98 0.58 -0.04	13.10 0.71 0.00	13.79 0.73 0.00	20.00 1.05 0.00	33.36 1.89 0.00	44.29 2.54 0.00	41.55 2.55 0.00	37.24 2.39 0.00	33.96 2.30 -0.31	34.52 2.46 -0.29	35.89 2.57 -0.96	38.60 2.49 -5.08	39.40 2.32 -7.84	37.65 2.79 0.00	72.98 4.78 0.00	54.79 3.47 0.00	59.90 3.96 0.00	53.46 3.67 0.00	39.13 2.63 0.00	42.23 2.70 0.00	42.38 2.74 0.00	40.94 2.63 -0.20	38.78 2.15 0.00
HUDSON_AVE_10 24168	19.87 1.16 0.00	9.94 0.55 -0.04	13.05 0.66 0.00	13.74 0.67 0.00	19.92 0.97 0.00	33.21 1.74 0.00	44.07 2.32 0.00	41.36 2.36 0.00	37.07 2.22 0.00	33.81 2.15 -0.31	34.40 2.34 -0.29	35.75 2.43 -0.96	38.46 2.36 -5.08	39.27 2.19 -7.84	37.50 2.63 0.00	72.60 4.41 0.00	54.53 3.21 0.00	59.61 3.67 0.00	64.58 3.43 -11.38	42.07 2.45 -3.12	49.47 2.51 -7.43	42.22 2.58 0.00	40.80 2.49 -0.20	38.64 2.00 0.00
HUDSON___115KV_TB 4 355613	19.46 0.75 0.00	9.79 0.39 -0.04	12.92 0.53 0.00	13.64 0.58 0.00	19.82 0.87 0.00	32.96 1.49 0.00	43.80 2.05 0.00	40.98 1.97 0.00	36.64 1.79 0.00	32.95 1.49 -0.12	33.40 1.53 -0.11	34.12 1.66 -0.10	34.41 1.42 -1.96	33.44 1.18 -3.02	36.34 1.49 0.00	71.48 3.29 0.00	53.87 2.55 0.00	58.69 2.75 0.00	52.23 2.45 0.00	38.32 1.82 0.00	41.58 2.05 0.00	41.80 2.16 0.00	40.52 2.18 -0.23	38.59 1.95 0.00
HUNTER MOUNT___DRP 323613	19.55 0.84 0.00	9.83 0.44 -0.04	13.00 0.61 0.00	13.73 0.66 0.00	19.94 0.99 0.00	33.20 1.73 0.00	44.14 2.39 0.00	41.30 2.29 0.00	36.92 2.07 0.00	33.19 1.71 -0.14	33.58 1.69 -0.13	34.27 1.79 -0.11	34.75 1.52 -2.20	33.86 1.23 -3.39	36.43 1.57 0.00	71.95 3.76 0.00	54.26 2.94 0.00	59.10 3.15 0.00	52.55 2.77 0.00	38.55 2.05 0.00	41.85 2.31 0.00	42.06 2.42 0.00	40.77 2.43 -0.22	38.85 2.21 0.00
HUNTINGTON_RES_REC 323705	20.05 1.34 0.00	10.00 0.61 -0.04	13.13 0.74 0.00	13.84 0.77 0.00	20.07 1.12 0.00	33.56 2.10 0.00	44.71 2.96 0.00	41.50 2.49 0.00	37.46 2.61 0.00	34.24 2.58 -0.31	34.67 2.62 -0.29	36.07 2.75 -0.96	44.29 2.66 -10.60	39.53 2.47 -7.82	42.24 3.02 -4.36	74.15 5.29 -0.67	54.95 3.63 0.00	60.11 4.16 0.00	50.59 3.97 3.17	38.71 2.87 0.65	43.35 3.19 -0.63	42.67 3.03 0.00	41.25 2.94 -0.20	38.94 2.31 0.00
HUNTLEY___63 23557	17.65 -1.06 0.00	7.23 -0.52 1.61	11.78 -0.61 0.00	12.46 -0.60 0.00	18.26 -0.69 0.00	30.96 -0.51 0.00	40.73 -1.02 0.00	37.66 -1.35 0.00	33.55 -1.29 0.00	30.05 -1.29 0.00	30.78 -0.98 0.00	31.11 -1.25 0.00	29.55 -1.48 0.00	27.90 -1.33 0.00	33.15 -1.71 0.00	64.67 -3.53 0.00	48.64 -2.68 0.00	52.85 -3.10 0.00	46.83 -2.95 0.00	34.38 -2.11 0.00	36.87 -2.67 0.00	36.75 -2.89 0.00	35.48 -2.66 -0.03	34.82 -1.82 0.00
HUNTLEY___64 23558	17.65 -1.06 0.00	7.23 -0.52 1.61	11.78 -0.61 0.00	12.46 -0.60 0.00	18.26 -0.69 0.00	30.96 -0.51 0.00	40.73 -1.02 0.00	37.66 -1.35 0.00	33.55 -1.29 0.00	30.05 -1.29 0.00	30.78 -0.98 0.00	31.11 -1.25 0.00	29.55 -1.48 0.00	27.90 -1.33 0.00	33.15 -1.71 0.00	64.67 -3.53 0.00	48.64 -2.68 0.00	52.85 -3.10 0.00	46.83 -2.95 0.00	34.38 -2.11 0.00	36.87 -2.67 0.00	36.75 -2.89 0.00	35.48 -2.66 -0.03	34.82 -1.82 0.00
HUNTLEY___65 23559	17.65 -1.06 0.00	7.23 -0.52 1.61	11.78 -0.61 0.00	12.46 -0.60 0.00	18.26 -0.69 0.00	30.96 -0.51 0.00	40.73 -1.02 0.00	37.66 -1.35 0.00	33.55 -1.29 0.00	30.05 -1.29 0.00	30.78 -0.98 0.00	31.11 -1.25 0.00	29.55 -1.48 0.00	27.90 -1.33 0.00	33.15 -1.71 0.00	64.67 -3.53 0.00	48.64 -2.68 0.00	52.85 -3.10 0.00	46.83 -2.95 0.00	34.38 -2.11 0.00	36.87 -2.67 0.00	36.75 -2.89 0.00	35.48 -2.66 -0.03	34.82 -1.82 0.00
HUNTLEY___66 23560	17.65 -1.06 0.00	7.23 -0.52 1.61	11.78 -0.61 0.00	12.46 -0.60 0.00	18.26 -0.69 0.00	30.96 -0.51 0.00	40.73 -1.02 0.00	37.66 -1.35 0.00	33.55 -1.29 0.00	30.05 -1.29 0.00	30.78 -0.98 0.00	31.11 -1.25 0.00	29.55 -1.48 0.00	27.90 -1.33 0.00	33.15 -1.71 0.00	64.67 -3.53 0.00	48.64 -2.68 0.00	52.85 -3.10 0.00	46.83 -2.95 0.00	34.38 -2.11 0.00	36.87 -2.67 0.00	36.75 -2.89 0.00	35.48 -2.66 -0.03	34.82 -1.82 0.00

HUNTLEY___67 23561	17.52 -1.18 0.00	7.09 -0.59 1.67	11.70 -0.69 0.00	12.38 -0.69 0.00	18.13 -0.82 0.00	30.75 -0.72 0.00	40.45 -1.30 0.00	37.40 -1.61 0.00	33.34 -1.51 0.00	29.87 -1.47 0.00	30.58 -1.18 0.00	30.95 -1.41 0.00	29.44 -1.59 0.00	27.80 -1.44 0.00	33.03 -1.84 0.00	64.42 -3.78 0.00	48.40 -2.91 0.00	52.59 -3.35 0.00	46.60 -3.18 0.00	34.22 -2.28 0.00	36.71 -2.83 0.00	36.59 -3.04 0.00	35.35 -2.79 -0.03	34.65 -1.99 0.00
HUNTLEY___68 23562	17.52 -1.18 0.00	7.09 -0.59 1.67	11.70 -0.69 0.00	12.38 -0.69 0.00	18.13 -0.82 0.00	30.75 -0.72 0.00	40.45 -1.30 0.00	37.40 -1.61 0.00	33.34 -1.51 0.00	29.87 -1.47 0.00	30.58 -1.18 0.00	30.95 -1.41 0.00	29.44 -1.59 0.00	27.80 -1.44 0.00	33.03 -1.84 0.00	64.42 -3.78 0.00	48.40 -2.91 0.00	52.59 -3.35 0.00	46.60 -3.18 0.00	34.22 -2.28 0.00	36.71 -2.83 0.00	36.59 -3.04 0.00	35.35 -2.79 -0.03	34.65 -1.99 0.00
HYLAND___LFGE 323620	18.51 -0.19 0.00	6.67 -0.13 2.55	12.30 -0.09 0.00	13.00 -0.07 0.00	18.99 0.04 0.00	32.31 0.84 0.00	42.96 1.22 0.00	40.15 1.14 0.00	35.67 0.82 0.00	31.13 -0.21 0.00	31.76 0.00 0.00	31.87 -0.49 0.00	30.40 -0.63 0.00	28.67 -0.57 0.00	34.18 -0.68 0.00	68.11 -0.09 0.00	52.07 0.76 0.01	57.51 1.56 0.00	51.10 1.32 0.00	37.39 0.90 0.00	40.17 0.64 0.00	39.80 0.16 0.00	38.11 -0.03 -0.03	36.99 0.44 0.09
INDECK___CORINTH 23802	19.89 1.17 0.00	10.00 0.59 -0.05	13.15 0.77 0.00	13.87 0.80 0.00	20.15 1.20 0.00	33.86 2.39 0.00	45.07 3.32 0.00	42.13 3.13 0.00	37.65 2.80 0.00	33.68 2.24 -0.10	33.90 2.05 -0.09	34.67 2.23 -0.08	34.63 2.03 -1.58	33.47 1.79 -2.43	37.20 2.34 0.00	73.25 5.06 0.00	55.25 3.94 0.00	60.00 4.06 0.00	53.37 3.59 0.00	39.24 2.74 0.00	42.53 3.00 0.00	42.59 2.95 0.00	41.06 2.70 -0.24	39.06 2.42 0.00
INDECK___ILION 23567	18.86 0.15 0.00	9.43 0.08 0.00	12.48 0.10 0.00	13.17 0.10 0.00	19.07 0.12 0.00	31.61 0.14 0.00	41.98 0.23 0.00	39.35 0.35 0.00	35.20 0.35 0.00	31.56 0.21 0.00	31.88 0.12 0.00	32.53 0.16 0.00	31.24 0.21 0.00	29.38 0.14 0.00	35.12 0.26 0.00	69.02 0.82 0.00	51.93 0.62 0.00	56.68 0.73 0.00	50.44 0.66 0.00	36.98 0.48 0.00	40.09 0.56 0.00	40.26 0.62 0.00	38.71 0.60 0.00	37.14 0.50 0.00
INDECK___OLEAN 23982	18.56 -0.15 0.00	7.05 -0.09 2.22	12.31 -0.08 0.00	13.05 -0.01 0.00	19.04 0.09 0.00	32.29 0.82 0.00	42.17 0.42 0.00	39.23 0.22 0.00	35.09 0.24 0.00	31.57 0.23 0.00	32.31 0.55 0.00	32.96 0.60 0.00	31.51 0.48 0.00	29.75 0.51 0.00	35.24 0.38 0.00	68.31 0.11 0.00	50.83 -0.43 0.05	55.51 -0.44 0.00	49.21 -0.57 0.00	35.98 -0.49 0.02	38.57 -0.96 0.00	38.46 -1.19 0.00	37.10 -1.04 -0.03	35.19 -0.64 0.81
INDECK___OSWEGO 23783	18.29 -0.42 0.00	9.07 -0.23 0.05	12.09 -0.30 0.00	12.74 -0.32 0.00	18.47 -0.49 0.00	30.63 -0.84 0.00	40.55 -1.20 0.00	37.84 -1.17 0.00	33.81 -1.04 0.00	30.44 -0.91 0.00	30.80 -0.96 0.00	31.34 -1.02 0.00	30.00 -1.03 0.00	28.31 -0.92 0.00	33.67 -1.19 0.00	66.03 -2.16 0.00	49.85 -1.46 0.00	54.43 -1.51 0.00	48.37 -1.41 0.00	35.41 -1.08 0.00	38.34 -1.19 0.00	38.40 -1.24 0.00	36.87 -1.25 -0.01	35.49 -1.15 0.00
INDECK___YERKES 23781	17.67 -1.04 0.00	7.23 -0.51 1.61	11.79 -0.60 0.00	12.47 -0.60 0.00	18.27 -0.68 0.00	30.99 -0.48 0.00	40.77 -0.98 0.00	37.69 -1.31 0.00	33.59 -1.26 0.00	30.09 -1.26 0.00	30.81 -0.95 0.00	31.16 -1.20 0.00	29.67 -1.36 0.00	27.97 -1.27 0.00	33.17 -1.69 0.00	64.70 -3.49 0.00	48.66 -2.63 0.04	52.89 -3.06 0.00	46.87 -2.91 0.00	34.41 -2.08 0.01	36.89 -2.64 0.00	36.79 -2.85 0.00	35.49 -2.65 -0.03	34.31 -1.79 0.54
INDIAN POINT_GT_1 24139	19.69 0.98 0.00	9.85 0.46 -0.04	12.95 0.56 0.00	13.65 0.58 0.00	19.79 0.84 0.00	33.03 1.56 0.00	43.85 2.10 0.00	41.08 2.07 0.00	36.75 1.90 0.00	33.53 1.81 -0.37	34.00 1.89 -0.35	34.64 1.97 -0.32	39.00 1.91 -6.06	40.37 1.78 -9.35	37.01 2.15 0.00	71.91 3.72 0.00	54.09 2.77 0.00	59.32 3.38 0.00	52.95 3.17 0.00	38.75 2.25 0.00	41.85 2.32 0.00	41.99 2.35 0.00	40.53 2.23 -0.19	38.41 1.77 0.00
INDIAN POINT_GT_2 23659	19.69 0.98 0.00	9.85 0.46 -0.04	12.95 0.56 0.00	13.65 0.58 0.00	19.79 0.84 0.00	33.03 1.56 0.00	43.85 2.10 0.00	41.08 2.07 0.00	36.75 1.90 0.00	33.53 1.81 -0.37	34.00 1.89 -0.35	34.64 1.97 -0.32	39.00 1.91 -6.06	40.37 1.78 -9.35	37.01 2.15 0.00	71.91 3.72 0.00	54.09 2.77 0.00	59.32 3.38 0.00	52.95 3.17 0.00	38.75 2.25 0.00	41.85 2.32 0.00	41.99 2.35 0.00	40.53 2.23 -0.19	38.41 1.77 0.00
INDIAN POINT_GT_3 24019	19.69 0.98 0.00	9.85 0.46 -0.04	12.95 0.56 0.00	13.65 0.58 0.00	19.79 0.84 0.00	33.03 1.56 0.00	43.85 2.10 0.00	41.08 2.07 0.00	36.75 1.90 0.00	33.53 1.81 -0.37	34.00 1.89 -0.35	34.64 1.97 -0.32	39.00 1.91 -6.06	40.37 1.78 -9.35	37.01 2.15 0.00	71.91 3.72 0.00	54.09 2.77 0.00	59.32 3.38 0.00	52.95 3.17 0.00	38.75 2.25 0.00	41.85 2.32 0.00	41.99 2.35 0.00	40.53 2.23 -0.19	38.41 1.77 0.00
INDIAN POINT___2 23530	19.64 0.93 0.00	9.83 0.44 -0.04	12.91 0.52 0.00	13.62 0.55 0.00	19.75 0.79 0.00	32.96 1.49 0.00	43.74 2.00 0.00	40.96 1.96 0.00	36.64 1.79 0.00	33.49 1.71 -0.44	33.91 1.75 -0.41	33.30 1.81 0.87	39.83 1.75 -7.05	41.77 1.65 -10.88	36.85 1.99 0.00	71.61 3.42 0.00	53.89 2.57 0.00	59.23 3.29 0.00	52.88 3.10 0.00	38.70 2.20 0.00	41.78 2.25 0.00	41.93 2.30 0.00	40.47 2.16 -0.19	38.36 1.72 0.00
INDIAN POINT___3 23531	19.70 0.99 0.00	9.86 0.47 -0.04	12.96 0.57 0.00	13.66 0.59 0.00	19.80 0.85 0.00	33.03 1.57 0.00	43.88 2.13 0.00	41.10 2.10 0.00	36.78 1.93 0.00	33.55 1.85 -0.36	34.02 1.92 -0.33	35.78 2.01 -1.41	38.75 1.95 -5.78	39.97 1.82 -8.91	37.05 2.19 0.00	71.99 3.79 0.00	54.12 2.80 0.00	59.28 3.33 0.00	52.87 3.09 0.00	38.70 2.20 0.00	41.80 2.26 0.00	41.94 2.30 0.00	40.49 2.18 -0.19	38.37 1.73 0.00
INGHAM_C_115KV_TB7 356103	19.01 0.30 0.00	9.52 0.17 0.00	12.58 0.20 0.00	13.27 0.21 0.00	19.19 0.24 0.00	31.72 0.25 0.00	42.07 0.32 0.00	39.58 0.57 0.00	35.45 0.60 0.00	31.63 0.29 0.00	31.82 0.06 0.00	32.56 0.19 0.00	31.36 0.33 0.00	29.44 0.20 0.00	35.32 0.46 0.00	69.69 1.50 0.00	52.40 1.08 0.00	57.32 1.38 0.00	51.03 1.25 0.00	37.41 0.91 0.00	40.60 1.07 0.00	40.83 1.19 0.00	39.23 1.11 0.00	37.47 0.83 0.00
IP CORINTH___1 23988	19.89 1.17 0.00	9.99 0.59 -0.05	13.15 0.77 0.00	13.87 0.80 0.00	20.15 1.20 0.00	33.85 2.39 0.00	45.07 3.32 0.00	42.13 3.12 0.00	37.65 2.80 0.00	33.68 2.24 -0.10	33.90 2.05 -0.09	34.68 2.23 -0.08	34.63 2.02 -1.58	33.47 1.79 -2.43	37.20 2.34 0.00	73.25 5.06 0.00	55.25 3.94 0.00	60.00 4.06 0.00	53.37 3.59 0.00	39.24 2.74 0.00	42.53 3.00 0.00	42.59 2.95 0.00	41.06 2.70 -0.24	39.06 2.42 0.00

IP__TICONDEROGA 23804	20.39 1.68 0.00	10.27 0.88 -0.05	13.52 1.13 0.00	14.27 1.20 0.00	20.76 1.81 0.00	35.58 4.11 0.00	47.53 5.78 0.00	44.32 5.32 0.00	39.51 4.67 0.00	34.98 3.54 -0.10	35.26 3.41 -0.09	36.13 3.68 -0.08	35.72 3.11 -1.59	34.46 2.78 -2.45	38.67 3.82 0.00	76.40 8.21 0.00	58.08 6.76 0.00	62.58 6.64 0.00	55.57 5.79 0.00	41.08 4.58 0.00	44.51 4.98 0.00	44.35 4.71 0.00	42.60 4.25 -0.24	40.32 3.69 0.00
ISLIP_RES_REC 323679	20.27 1.56 0.00	10.11 0.71 -0.04	13.26 0.87 0.00	13.98 0.92 0.00	20.29 1.34 0.00	33.98 2.51 0.00	45.32 3.57 0.00	41.97 2.96 0.00	38.01 3.17 0.00	34.78 3.12 -0.31	35.09 3.04 -0.29	36.58 3.26 -0.96	44.73 3.09 -10.60	39.95 2.89 -7.82	42.74 3.51 -4.37	75.07 6.21 -0.67	55.58 4.26 0.00	60.82 4.88 0.00	51.50 4.62 2.90	39.26 3.34 0.57	44.13 3.79 -0.80	43.19 3.54 0.00	41.78 3.46 -0.20	39.42 2.78 0.00
JAMAICA__27_KV_LOAD 355505	19.97 1.26 0.00	9.99 0.60 -0.04	13.12 0.73 0.00	13.80 0.74 0.00	20.02 1.06 0.00	33.37 1.90 0.00	44.19 2.45 0.00	41.53 2.52 0.00	37.20 2.35 0.00	33.90 2.25 -0.31	34.59 2.54 -0.29	35.94 2.62 -0.96	38.63 2.52 -5.08	39.42 2.35 -7.84	37.66 2.80 0.00	72.79 4.60 0.00	54.71 3.39 0.00	59.81 3.86 0.00	67.33 3.59 -13.96	42.96 2.64 -3.83	51.35 2.71 -9.11	42.48 2.84 0.00	41.06 2.76 -0.20	38.89 2.25 0.00
JANIS__SOLAR 323808	19.31 0.60 0.00	13.75 0.28 -4.11	12.77 0.38 0.00	13.50 0.43 0.00	19.59 0.64 0.00	32.58 1.11 0.00	43.38 1.63 0.00	40.77 1.76 0.00	36.36 1.51 0.00	32.06 0.76 0.04	32.28 0.56 0.04	32.76 0.43 0.03	30.78 0.36 0.61	28.76 0.46 0.94	35.61 0.75 0.00	71.29 3.10 0.00	53.94 2.62 -0.01	59.15 3.20 0.00	52.34 2.56 0.00	38.29 1.79 0.00	41.32 1.79 0.00	41.22 1.58 0.00	39.46 1.29 -0.05	38.11 1.34 -0.13
JARVIS____ 23743	18.71 0.00 0.00	9.35 0.00 0.00	12.39 0.00 0.00	13.06 0.00 0.00	18.95 0.00 0.00	31.46 -0.01 0.00	41.79 0.04 0.00	39.07 0.06 0.00	34.91 0.06 0.00	31.39 0.05 0.00	31.79 0.03 0.00	32.40 0.03 0.00	31.06 0.03 0.00	29.26 0.02 0.00	34.89 0.04 0.00	68.31 0.11 0.00	51.42 0.11 0.00	56.01 0.07 0.00	49.84 0.06 0.00	36.54 0.04 0.00	39.61 0.08 0.00	39.72 0.09 0.00	38.23 0.12 0.00	36.77 0.13 0.00
JENNISON__1 23625	19.14 0.43 0.00	10.71 0.17 -1.18	12.60 0.21 0.00	13.38 0.31 0.00	19.37 0.42 0.00	32.30 0.83 0.00	42.95 1.21 0.00	40.50 1.50 0.00	36.55 1.70 0.00	32.71 1.42 0.05	33.05 1.34 0.05	33.53 1.21 0.04	31.39 1.14 0.78	29.21 1.17 1.20	36.41 1.55 0.00	72.07 3.88 0.00	54.33 3.01 0.00	59.32 3.37 0.00	52.34 2.55 0.00	38.32 1.83 0.00	41.40 1.87 0.00	41.27 1.63 0.00	39.37 1.20 -0.06	38.07 1.43 0.00
JENNISON__2 23626	19.14 0.43 0.00	10.71 0.17 -1.18	12.60 0.21 0.00	13.38 0.31 0.00	19.37 0.42 0.00	32.30 0.83 0.00	42.95 1.21 0.00	40.50 1.50 0.00	36.55 1.70 0.00	32.71 1.42 0.05	33.05 1.34 0.05	33.53 1.21 0.04	31.39 1.14 0.78	29.21 1.17 1.20	36.41 1.55 0.00	72.07 3.88 0.00	54.33 3.01 0.00	59.32 3.37 0.00	52.34 2.55 0.00	38.32 1.83 0.00	41.40 1.87 0.00	41.27 1.63 0.00	39.37 1.20 -0.06	38.07 1.43 0.00
JERICHO_RISE_WT_PWR 323719	16.76 -1.95 0.00	6.63 -1.08 1.64	11.18 -1.21 0.00	11.85 -1.22 0.00	17.24 -1.71 0.00	28.94 -2.53 0.00	39.33 -2.41 0.00	36.62 -2.39 0.00	31.84 -3.00 0.00	28.09 -3.26 0.00	28.60 -3.16 0.00	29.08 -3.28 0.00	28.14 -2.89 0.00	26.62 -2.62 0.00	31.86 -3.00 0.00	63.15 -5.05 0.00	48.25 -3.07 0.00	51.23 -4.71 0.00	45.86 -3.92 0.00	33.49 -3.01 0.00	36.90 -2.63 0.00	37.03 -2.61 0.00	36.27 -1.84 0.00	36.70 0.06 0.00
KATONAH__115KV_46KV_TB4 355592	19.82 1.12 0.00	9.93 0.53 -0.04	13.04 0.65 0.00	13.74 0.67 0.00	19.93 0.98 0.00	33.26 1.79 0.00	44.22 2.47 0.00	41.45 2.44 0.00	37.11 2.26 0.00	33.79 2.16 -0.29	34.29 2.26 -0.27	35.39 2.35 -0.67	37.99 2.27 -4.69	38.59 2.12 -7.24	37.41 2.55 0.00	72.72 4.53 0.00	54.66 3.34 0.00	59.82 3.88 0.00	53.36 3.58 0.00	39.06 2.56 0.00	42.18 2.65 0.00	42.31 2.68 0.00	40.84 2.53 -0.20	38.68 2.05 0.00
KCE_NY_1 323755	19.72 1.01 0.00	9.91 0.51 -0.05	13.04 0.65 0.00	13.75 0.69 0.00	19.97 1.02 0.00	33.42 1.95 0.00	44.37 2.62 0.00	41.49 2.48 0.00	37.07 2.22 0.00	33.28 1.84 -0.10	33.56 1.71 -0.09	34.31 1.86 -0.08	34.41 1.78 -1.60	33.29 1.58 -2.47	36.88 2.02 0.00	72.46 4.26 0.00	54.56 3.24 0.00	59.32 3.37 0.00	52.76 2.98 0.00	38.73 2.24 0.00	42.03 2.50 0.00	42.13 2.49 0.00	40.66 2.30 -0.24	38.66 2.03 0.00
KCE_NY_6_ESR 323823	17.74 -0.96 0.00	7.09 -0.47 1.79	11.84 -0.55 0.00	12.52 -0.55 0.00	18.35 -0.60 0.00	31.17 -0.30 0.00	41.04 -0.71 0.00	38.07 -0.94 0.00	33.94 -0.91 0.00	30.38 -0.96 0.00	31.09 -0.67 0.00	31.45 -0.91 0.00	30.00 -1.03 0.00	28.30 -0.94 0.00	33.63 -1.23 0.00	65.66 -2.54 0.00	49.37 -1.91 0.04	53.80 -2.15 0.00	47.61 -2.18 0.00	34.96 -1.52 0.02	37.45 -2.08 0.00	37.31 -2.33 0.00	35.99 -2.15 -0.03	34.65 -1.40 0.59
KEDC_PORT_JEFF_GT2 24210	20.19 1.48 0.00	10.06 0.67 -0.04	13.21 0.82 0.00	13.93 0.86 0.00	20.19 1.24 0.00	33.81 2.35 0.00	45.07 3.32 0.00	41.74 2.73 0.00	37.80 2.95 0.00	34.58 2.93 -0.31	34.92 2.87 -0.29	36.40 3.08 -0.96	44.52 2.93 -10.57	39.80 2.73 -7.82	42.52 3.32 -4.34	74.64 5.78 -0.67	55.27 3.96 0.00	60.46 4.51 0.00	50.83 4.29 3.24	38.95 3.12 0.67	43.65 3.55 -0.56	42.98 3.34 0.00	41.58 3.27 -0.20	39.24 2.60 0.00
KEDC_PORT_JEFF_GT3 24211	20.19 1.48 0.00	10.06 0.67 -0.04	13.21 0.82 0.00	13.93 0.86 0.00	20.19 1.24 0.00	33.81 2.35 0.00	45.07 3.32 0.00	41.74 2.73 0.00	37.80 2.95 0.00	34.58 2.93 -0.31	34.92 2.87 -0.29	36.40 3.08 -0.96	44.52 2.93 -10.57	39.80 2.73 -7.82	42.52 3.32 -4.34	74.64 5.78 -0.67	55.27 3.96 0.00	60.46 4.51 0.00	50.83 4.29 3.24	38.95 3.12 0.67	43.65 3.55 -0.56	42.98 3.34 0.00	41.58 3.27 -0.20	39.24 2.60 0.00
KEDC_GLWD_GT4 24219	19.99 1.28 0.00	9.98 0.59 -0.04	13.11 0.72 0.00	13.81 0.75 0.00	20.03 1.08 0.00	33.44 1.97 0.00	44.47 2.72 0.00	41.58 2.57 0.00	37.36 2.51 0.00	34.08 2.42 -0.31	34.55 2.50 -0.29	35.95 2.63 -0.96	48.13 2.55 -14.55	39.44 2.38 -7.82	45.22 2.88 -7.48	74.36 5.01 -1.16	54.88 3.56 0.00	60.04 4.09 -0.01	78.21 3.79 -24.64	46.35 2.72 -7.13	63.10 2.86 -20.71	42.51 2.87 0.00	41.07 2.76 -0.20	38.87 2.23 0.00
KEDC_GLWD_GT5 24220	19.99 1.28 0.00	9.98 0.59 -0.04	13.11 0.72 0.00	13.81 0.75 0.00	20.03 1.08 0.00	33.44 1.97 0.00	44.47 2.72 0.00	41.58 2.57 0.00	37.36 2.51 0.00	34.08 2.42 -0.31	34.55 2.50 -0.29	35.95 2.63 -0.96	48.13 2.55 -14.55	39.44 2.38 -7.82	45.22 2.88 -7.48	74.36 5.01 -1.16	54.88 3.56 0.00	60.04 4.09 -0.01	78.21 3.79 -24.64	46.35 2.72 -7.13	63.10 2.86 -20.71	42.51 2.87 0.00	41.07 2.76 -0.20	38.87 2.23 0.00

KENSICO____ 23655	19.79 1.08 0.00	9.91 0.52 -0.04	13.02 0.63 0.00	13.71 0.65 0.00	19.88 0.93 0.00	33.17 1.70 0.00	44.06 2.31 0.00	41.29 2.29 0.00	36.97 2.12 0.00	33.70 2.03 -0.32	34.20 2.14 -0.30	35.65 2.25 -1.04	38.41 2.18 -5.20	39.29 2.03 -8.02	37.30 2.44 0.00	72.45 4.26 0.00	54.43 3.12 0.00	59.51 3.57 0.00	53.07 3.29 0.00	38.85 2.35 0.00	41.96 2.43 0.00	42.10 2.46 0.00	40.65 2.34 -0.20	38.52 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.85 1.14 0.00	9.93 0.55 -0.04	13.06 0.67 0.00	13.77 0.70 0.00	19.97 1.02 0.00	33.30 1.83 0.00	44.31 2.56 0.00	41.52 2.52 0.00	37.14 2.29 0.00	33.56 2.07 -0.14	33.94 2.04 -0.13	34.41 1.93 -0.12	35.29 1.94 -2.32	34.67 1.85 -3.58	37.16 2.30 0.00	72.57 4.37 0.00	54.78 3.46 0.00	60.07 4.13 0.00	53.61 3.82 0.00	39.23 2.73 0.00	42.36 2.83 0.00	42.43 2.79 0.00	40.85 2.56 -0.18	38.73 2.10 0.00
KIAC_JFK_GT1 23816	19.87 1.16 0.00	9.94 0.55 -0.04	13.05 0.66 0.00	13.73 0.66 0.00	19.91 0.96 0.00	33.14 1.67 0.00	43.75 2.01 0.00	41.11 2.11 0.00	36.83 1.98 0.00	33.58 1.93 -0.31	34.40 2.35 -0.29	35.75 2.43 -0.96	38.45 2.34 -5.08	39.25 2.17 -7.84	37.42 2.57 0.00	72.08 3.89 0.00	54.17 2.85 0.00	59.21 3.27 0.00	66.80 3.06 -13.96	42.57 2.25 -3.83	50.95 2.30 -9.11	42.23 2.59 0.00	40.83 2.52 -0.20	38.67 2.04 0.00
KIAC_JFK_GT2 23817	19.87 1.16 0.00	9.94 0.55 -0.04	13.05 0.66 0.00	13.73 0.66 0.00	19.91 0.96 0.00	33.14 1.67 0.00	43.75 2.01 0.00	41.11 2.11 0.00	36.83 1.98 0.00	33.58 1.93 -0.31	34.40 2.35 -0.29	35.75 2.43 -0.96	38.45 2.34 -5.08	39.25 2.17 -7.84	37.42 2.57 0.00	72.08 3.89 0.00	54.17 2.85 0.00	59.21 3.27 0.00	66.80 3.06 -13.96	42.57 2.25 -3.83	50.95 2.30 -9.11	42.23 2.59 0.00	40.83 2.52 -0.20	38.67 2.04 0.00
KIAC_JFK____ 323774	19.87 1.16 0.00	9.94 0.55 -0.04	13.05 0.66 0.00	13.73 0.66 0.00	19.91 0.96 0.00	33.14 1.67 0.00	43.75 2.00 0.00	41.11 2.11 0.00	36.82 1.98 0.00	33.58 1.93 -0.31	34.41 2.35 -0.29	35.75 2.43 -0.96	38.44 2.33 -5.08	39.25 2.17 -7.84	37.43 2.57 0.00	72.08 3.88 0.00	54.17 2.85 0.00	59.21 3.27 0.00	66.80 3.06 -13.96	42.57 2.25 -3.83	50.94 2.30 -9.11	42.22 2.59 0.00	40.84 2.52 -0.20	38.67 2.04 0.00
KINTIGH____ 23543	17.59 -1.12 0.00	7.53 -0.57 1.25	11.73 -0.66 0.00	12.40 -0.67 0.00	18.12 -0.83 0.00	30.55 -0.92 0.00	40.21 -1.54 0.00	37.21 -1.79 0.00	33.19 -1.66 0.00	29.77 -1.57 0.00	30.44 -1.32 0.00	30.86 -1.50 0.00	29.40 -1.63 0.00	27.74 -1.50 0.00	32.94 -1.92 0.00	64.23 -3.97 0.00	48.22 -3.09 0.00	52.41 -3.53 0.00	46.50 -3.28 0.00	34.12 -2.38 0.00	36.67 -2.86 0.00	36.62 -3.02 0.00	35.31 -2.83 -0.02	34.47 -2.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.07 -1.64 0.00	6.76 -0.93 1.66	11.38 -1.01 0.00	12.05 -1.02 0.00	17.56 -1.39 0.00	29.58 -1.89 0.00	40.17 -1.58 0.00	37.41 -1.59 0.00	32.50 -2.35 0.00	28.63 -2.72 0.00	29.09 -2.68 0.00	29.64 -2.72 0.00	28.69 -2.34 0.00	27.15 -2.09 0.00	32.60 -2.26 0.00	64.51 -3.69 0.00	49.41 -1.91 0.00	52.51 -3.43 0.00	46.98 -2.81 0.00	34.39 -2.10 0.00	37.82 -1.72 0.00	37.91 -1.73 0.00	37.04 -1.07 0.00	37.45 0.81 0.00
LACHUTE__HYDRO 323717	20.39 1.68 0.00	10.27 0.88 -0.05	13.52 1.13 0.00	14.27 1.20 0.00	20.76 1.81 0.00	35.58 4.11 0.00	47.53 5.78 0.00	44.32 5.32 0.00	39.52 4.67 0.00	34.98 3.54 -0.10	35.26 3.41 -0.09	36.13 3.68 -0.08	35.72 3.11 -1.59	34.46 2.78 -2.45	38.67 3.82 0.00	76.40 8.21 0.00	58.08 6.76 0.00	62.58 6.64 0.00	55.57 5.79 0.00	41.08 4.58 0.00	44.51 4.98 0.00	44.34 4.70 0.00	42.60 4.25 -0.24	40.32 3.69 0.00
LAWRNCALV_115KV_TB1 80681	17.27 -1.44 0.00	7.14 -0.82 1.39	11.52 -0.87 0.00	12.16 -0.91 0.00	17.68 -1.27 0.00	29.66 -1.81 0.00	40.29 -1.47 0.00	37.59 -1.42 0.00	32.83 -2.02 0.00	28.97 -2.37 0.00	29.48 -2.28 0.00	29.97 -2.40 0.00	28.90 -2.13 0.00	27.25 -1.99 0.00	32.53 -2.33 0.00	64.46 -3.74 0.00	49.39 -1.93 0.00	52.84 -3.10 0.00	47.01 -2.77 0.00	34.31 -2.19 0.00	37.62 -1.91 0.00	37.68 -1.96 0.00	36.76 -1.35 0.00	36.96 0.32 0.00
LEDERLE____ 23769	19.76 1.05 0.00	9.89 0.50 -0.04	12.99 0.60 0.00	13.70 0.63 0.00	19.86 0.91 0.00	33.16 1.69 0.00	44.04 2.29 0.00	41.24 2.23 0.00	36.89 2.04 0.00	33.75 1.95 -0.46	34.17 1.98 -0.43	35.09 2.05 -0.68	40.47 1.99 -7.45	42.61 1.88 -11.49	37.12 2.26 0.00	72.12 3.93 0.00	54.28 2.96 0.00	59.57 3.63 0.00	53.15 3.37 0.00	38.87 2.37 0.00	41.97 2.44 0.00	42.10 2.46 0.00	40.62 2.31 -0.19	38.48 1.85 0.00
LIGHTHSE_115KV_TB6 355974	18.33 -0.38 0.00	8.95 -0.27 0.13	12.04 -0.35 0.00	12.63 -0.43 0.00	18.32 -0.62 0.00	30.49 -0.98 0.00	40.49 -1.26 0.00	37.87 -1.14 0.00	33.90 -0.95 0.00	30.47 -0.87 0.00	30.81 -0.95 0.00	31.39 -0.97 0.00	29.94 -1.09 0.00	28.17 -1.07 0.00	33.52 -1.35 0.00	66.25 -1.95 0.00	50.63 -0.68 0.00	55.25 -0.70 0.00	48.96 -0.82 0.00	35.74 -0.76 0.00	38.84 -0.69 0.00	38.87 -0.77 0.00	37.35 -0.78 -0.01	35.90 -0.73 0.00
LINDEN COGEN____ 23786	19.87 1.16 0.00	9.94 0.54 -0.04	13.05 0.66 0.00	13.73 0.67 0.00	19.91 0.96 0.00	33.21 1.74 0.00	44.07 2.33 0.00	41.34 2.33 0.00	37.03 2.18 0.00	33.77 2.11 -0.31	34.29 2.24 -0.29	35.65 2.33 -0.96	38.38 2.27 -5.08	39.20 2.13 -7.84	37.42 2.57 0.00	72.52 4.32 0.00	54.45 3.13 0.00	59.59 3.65 0.00	53.18 3.40 0.00	38.92 2.42 0.00	42.00 2.47 0.00	42.15 2.52 0.00	40.72 2.42 -0.20	38.55 1.92 0.00
LINDHRST_69_KV_BK1 356055	20.22 1.51 0.00	10.08 0.69 -0.04	13.23 0.84 0.00	13.94 0.88 0.00	20.22 1.27 0.00	33.82 2.35 0.00	45.06 3.31 0.00	41.92 2.91 0.00	37.80 2.96 0.00	34.53 2.87 -0.31	34.91 2.85 -0.29	36.38 3.06 -0.96	45.19 2.95 -11.21	39.80 2.74 -7.82	43.04 3.34 -4.84	74.84 5.90 -0.75	55.44 4.13 0.00	60.62 4.67 0.00	56.32 4.43 -2.11	40.51 3.19 -0.82	47.37 3.47 -4.37	43.09 3.45 0.00	41.62 3.32 -0.20	39.31 2.68 0.00
LIPA_MISC_IPP 23656	20.11 1.40 0.00	10.03 0.63 -0.04	13.16 0.77 0.00	13.88 0.81 0.00	20.14 1.19 0.00	33.76 2.29 0.00	45.02 3.28 0.00	41.51 2.50 0.00	37.81 2.96 0.00	34.58 2.93 -0.31	34.90 2.85 -0.29	36.35 3.03 -0.96	44.45 2.88 -10.55	39.74 2.68 -7.82	42.39 3.21 -4.32	74.22 5.36 -0.67	54.89 3.57 0.00	60.01 4.06 0.00	50.40 3.99 3.38	38.71 2.92 0.71	43.44 3.44 -0.47	42.80 3.16 0.00	41.48 3.16 -0.20	39.15 2.51 0.00
LISF__SOLAR 323691	20.14 1.43 0.00	10.04 0.65 -0.04	13.17 0.79 0.00	13.90 0.84 0.00	20.17 1.22 0.00	33.81 2.34 0.00	45.09 3.35 0.00	41.56 2.56 0.00	37.85 3.00 0.00	34.62 2.96 -0.31	34.93 2.88 -0.29	36.37 3.06 -0.96	44.48 2.90 -10.55	39.77 2.71 -7.82	42.45 3.26 -4.32	74.35 5.49 -0.67	54.99 3.67 0.00	60.12 4.17 0.00	50.51 4.05 3.32	38.77 2.97 0.69	43.57 3.53 -0.50	42.87 3.23 0.00	41.55 3.24 -0.20	39.20 2.56 0.00

LITTLE FALLS___HYD 24013	19.01 0.30 0.00	9.52 0.17 0.00	12.58 0.20 0.00	13.27 0.21 0.00	19.19 0.24 0.00	31.72 0.25 0.00	42.07 0.32 0.00	39.58 0.57 0.00	35.45 0.60 0.00	31.63 0.29 0.00	31.82 0.06 0.00	32.56 0.19 0.00	31.36 0.33 0.00	29.44 0.20 0.00	35.32 0.46 0.00	69.69 1.50 0.00	52.40 1.08 0.00	57.32 1.38 0.00	51.03 1.25 0.00	37.41 0.91 0.00	40.60 1.07 0.00	40.83 1.19 0.00	39.23 1.11 0.00	37.47 0.83 0.00
LITTLRIV_115KV_TB1 356100	17.45 -1.26 0.00	7.26 -0.73 1.36	11.64 -0.74 0.00	12.29 -0.78 0.00	17.88 -1.07 0.00	30.04 -1.43 0.00	40.89 -0.86 0.00	38.17 -0.84 0.00	33.22 -1.63 0.00	29.10 -2.25 0.00	29.58 -2.19 0.00	30.08 -2.28 0.00	29.05 -1.98 0.00	27.44 -1.80 0.00	32.77 -2.09 0.00	65.12 -3.07 0.00	50.08 -1.24 0.00	53.64 -2.31 0.00	47.67 -2.11 0.00	34.80 -1.70 0.00	38.14 -1.39 0.00	38.17 -1.47 0.00	37.22 -0.90 0.00	37.40 0.76 0.00
LI_NEWBRDGE___DRP 323616	19.92 1.21 0.00	9.93 0.54 -0.04	13.03 0.64 0.00	13.74 0.67 0.00	19.92 0.97 0.00	33.27 1.81 0.00	44.27 2.52 0.00	41.25 2.24 0.00	37.14 2.30 0.00	33.94 2.29 -0.31	34.38 2.33 -0.29	35.80 2.48 -0.96	43.59 2.40 -10.16	39.29 2.23 -7.82	41.58 2.70 -4.02	73.45 4.64 -0.62	54.50 3.18 0.00	59.59 3.65 0.00	44.49 3.48 8.78	36.78 2.49 2.20	38.96 2.67 3.25	42.29 2.65 0.00	40.88 2.57 -0.20	38.67 2.03 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.47 -1.24 0.00	7.26 -0.60 1.50	11.66 -0.72 0.00	12.34 -0.72 0.00	18.07 -0.88 0.00	30.64 -0.83 0.00	40.29 -1.46 0.00	37.22 -1.79 0.00	33.17 -1.67 0.00	29.68 -1.66 0.00	30.36 -1.40 0.00	30.71 -1.66 0.00	29.24 -1.79 0.00	27.60 -1.63 0.00	32.80 -2.06 0.00	63.97 -4.23 0.00	48.13 -3.19 0.00	52.28 -3.67 0.00	46.34 -3.44 0.00	34.05 -2.45 0.00	36.52 -3.02 0.00	36.41 -3.23 0.00	35.19 -2.95 -0.03	34.57 -2.07 0.00
LOCKPORT___CC1 323769	17.46 -1.25 0.00	7.23 -0.61 1.52	11.66 -0.73 0.00	12.33 -0.74 0.00	18.06 -0.88 0.00	30.63 -0.84 0.00	40.27 -1.48 0.00	37.21 -1.80 0.00	33.15 -1.70 0.00	29.69 -1.66 0.00	30.37 -1.39 0.00	30.73 -1.63 0.00	29.32 -1.71 0.00	27.64 -1.60 0.00	32.79 -2.07 0.00	63.96 -4.24 0.00	48.09 -3.20 0.03	52.25 -3.70 0.00	46.32 -3.46 0.00	34.01 -2.47 0.01	36.50 -3.03 0.00	36.40 -3.24 0.00	35.15 -2.99 -0.03	34.06 -2.10 0.48
LOCKPORT___CC2 323770	17.46 -1.25 0.00	7.23 -0.61 1.52	11.66 -0.73 0.00	12.33 -0.74 0.00	18.06 -0.88 0.00	30.63 -0.84 0.00	40.27 -1.48 0.00	37.21 -1.80 0.00	33.15 -1.70 0.00	29.69 -1.66 0.00	30.37 -1.39 0.00	30.73 -1.63 0.00	29.32 -1.71 0.00	27.64 -1.60 0.00	32.79 -2.07 0.00	63.96 -4.24 0.00	48.09 -3.20 0.03	52.25 -3.70 0.00	46.32 -3.46 0.00	34.01 -2.47 0.01	36.50 -3.03 0.00	36.40 -3.24 0.00	35.15 -2.99 -0.03	34.06 -2.10 0.48
LOCKPORT___CC3 323771	17.46 -1.25 0.00	7.23 -0.61 1.52	11.66 -0.73 0.00	12.33 -0.74 0.00	18.06 -0.88 0.00	30.63 -0.84 0.00	40.27 -1.48 0.00	37.21 -1.80 0.00	33.15 -1.70 0.00	29.69 -1.66 0.00	30.37 -1.39 0.00	30.73 -1.63 0.00	29.32 -1.71 0.00	27.64 -1.60 0.00	32.79 -2.07 0.00	63.96 -4.24 0.00	48.09 -3.20 0.03	52.25 -3.70 0.00	46.32 -3.46 0.00	34.01 -2.47 0.01	36.50 -3.03 0.00	36.40 -3.24 0.00	35.15 -2.99 -0.03	34.06 -2.10 0.48
LONG_LAKE_PHOENIX 24014	18.35 -0.36 0.00	9.13 -0.19 0.04	12.15 -0.24 0.00	12.81 -0.26 0.00	18.57 -0.38 0.00	30.82 -0.65 0.00	40.82 -0.93 0.00	38.09 -0.91 0.00	34.01 -0.84 0.00	30.58 -0.77 0.00	30.90 -0.86 0.00	31.44 -0.92 0.00	30.11 -0.92 0.00	28.43 -0.81 0.00	33.81 -1.05 0.00	66.33 -1.87 0.00	50.02 -1.30 0.00	54.64 -1.31 0.00	48.55 -1.23 0.00	35.57 -0.93 0.00	38.48 -1.05 0.00	38.52 -1.12 0.00	36.97 -1.15 -0.02	35.57 -1.07 0.00
LOVETT___3 23632	19.67 0.96 0.00	9.84 0.45 -0.04	12.94 0.55 0.00	13.64 0.57 0.00	19.77 0.82 0.00	33.00 1.53 0.00	43.82 2.07 0.00	41.02 2.02 0.00	36.70 1.85 0.00	33.55 1.77 -0.44	33.99 1.82 -0.41	35.58 1.89 -1.33	40.01 1.84 -7.15	41.99 1.73 -11.02	36.94 2.08 0.00	71.75 3.56 0.00	53.98 2.66 0.00	59.22 3.27 0.00	52.84 3.06 0.00	38.65 2.16 0.00	41.74 2.21 0.00	41.88 2.25 0.00	40.42 2.12 -0.19	38.30 1.67 0.00
LOVETT___4 23642	19.67 0.96 0.00	9.84 0.45 -0.04	12.94 0.55 0.00	13.64 0.57 0.00	19.77 0.82 0.00	33.00 1.53 0.00	43.82 2.07 0.00	41.02 2.02 0.00	36.70 1.85 0.00	33.55 1.77 -0.44	33.99 1.82 -0.41	35.58 1.89 -1.33	40.01 1.84 -7.15	41.99 1.73 -11.02	36.94 2.08 0.00	71.75 3.56 0.00	53.98 2.66 0.00	59.22 3.27 0.00	52.84 3.06 0.00	38.65 2.16 0.00	41.74 2.21 0.00	41.88 2.25 0.00	40.42 2.12 -0.19	38.30 1.67 0.00
LOVETT___5 23593	19.67 0.96 0.00	9.84 0.45 -0.04	12.94 0.55 0.00	13.64 0.57 0.00	19.77 0.82 0.00	33.00 1.53 0.00	43.82 2.07 0.00	41.02 2.02 0.00	36.70 1.85 0.00	33.55 1.77 -0.44	33.99 1.82 -0.41	35.58 1.89 -1.33	40.01 1.84 -7.15	41.99 1.73 -11.02	36.94 2.08 0.00	71.75 3.56 0.00	53.98 2.66 0.00	59.22 3.27 0.00	52.84 3.06 0.00	38.65 2.16 0.00	41.74 2.21 0.00	41.88 2.25 0.00	40.42 2.12 -0.19	38.30 1.67 0.00
LOWER RAQUET___HYD 24057	17.28 -1.43 0.00	7.20 -0.82 1.34	11.52 -0.87 0.00	12.15 -0.92 0.00	17.67 -1.28 0.00	29.64 -1.83 0.00	40.28 -1.47 0.00	37.60 -1.41 0.00	32.85 -2.00 0.00	28.98 -2.36 0.00	29.48 -2.28 0.00	29.97 -2.40 0.00	28.89 -2.14 0.00	27.24 -2.00 0.00	32.52 -2.34 0.00	64.52 -3.67 0.00	49.48 -1.83 0.00	52.99 -2.95 0.00	47.11 -2.67 0.00	34.38 -2.12 0.00	37.70 -1.83 0.00	37.76 -1.88 0.00	36.83 -1.29 0.00	36.98 0.34 0.00
LOWER___HUDSON 24059	19.45 0.74 0.00	9.78 0.38 -0.05	12.87 0.48 0.00	13.58 0.51 0.00	19.70 0.75 0.00	32.89 1.43 0.00	43.66 1.91 0.00	40.78 1.78 0.00	36.45 1.60 0.00	32.85 1.40 -0.11	33.27 1.41 -0.10	34.00 1.55 -0.09	34.25 1.49 -1.73	33.19 1.28 -2.67	36.47 1.61 0.00	71.38 3.19 0.00	53.55 2.23 0.00	58.22 2.27 0.00	51.80 2.02 0.00	38.06 1.56 0.00	41.37 1.84 0.00	41.53 1.89 0.00	40.18 1.83 -0.24	38.18 1.55 0.00
LOWVILLE_115KV_TB2 356335	18.20 -0.51 0.00	8.54 -0.45 0.37	11.86 -0.52 0.00	12.31 -0.75 0.00	17.88 -1.07 0.00	29.92 -1.55 0.00	40.26 -1.49 0.00	37.92 -1.09 0.00	34.11 -0.74 0.00	30.56 -0.78 0.00	30.92 -0.84 0.00	31.40 -0.96 0.00	29.78 -1.25 0.00	27.72 -1.51 0.00	33.03 -1.83 0.00	66.83 -1.36 0.00	51.96 0.65 0.00	56.47 0.53 0.00	49.84 0.05 0.00	36.30 -0.20 0.00	39.53 0.00 0.00	39.62 -0.02 0.00	38.16 0.04 -0.01	36.75 0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.70 0.99 0.00	9.90 0.50 -0.05	13.04 0.65 0.00	13.75 0.68 0.00	19.96 1.01 0.00	33.38 1.91 0.00	44.35 2.61 0.00	41.46 2.45 0.00	37.06 2.21 0.00	33.28 1.84 -0.10	33.56 1.71 -0.09	34.30 1.85 -0.08	34.40 1.77 -1.60	33.28 1.57 -2.47	36.86 2.00 0.00	72.42 4.23 0.00	54.51 3.20 0.00	59.28 3.34 0.00	52.73 2.94 0.00	38.72 2.23 0.00	41.99 2.46 0.00	42.10 2.46 0.00	40.65 2.30 -0.24	38.66 2.03 0.00

LUTHERNY_35_KV_BK2 355980	19.72 1.01 0.00	9.91 0.51 -0.05	13.04 0.65 0.00	13.75 0.69 0.00	19.97 1.02 0.00	33.42 1.95 0.00	44.37 2.62 0.00	41.49 2.48 0.00	37.07 2.22 0.00	33.28 1.84 -0.10	33.57 1.71 -0.09	34.31 1.87 -0.08	34.41 1.78 -1.60	33.29 1.58 -2.47	36.88 2.02 0.00	72.46 4.26 0.00	54.56 3.24 0.00	59.32 3.38 0.00	52.76 2.98 0.00	38.73 2.24 0.00	42.03 2.49 0.00	42.13 2.49 0.00	40.66 2.30 -0.24	38.66 2.03 0.00
LWR___OSWEGATCHIE_HYD 23850	17.62 -1.09 0.00	7.75 -0.70 0.90	11.61 -0.78 0.00	12.14 -0.92 0.00	17.64 -1.31 0.00	29.56 -1.91 0.00	39.99 -1.76 0.00	37.47 -1.53 0.00	33.18 -1.66 0.00	29.50 -1.85 0.00	29.89 -1.87 0.00	30.40 -1.96 0.00	29.09 -1.94 0.00	27.26 -1.98 0.00	32.52 -2.34 0.00	65.18 -3.01 0.00	50.41 -0.91 0.00	54.41 -1.53 0.00	48.18 -1.60 0.00	35.11 -1.39 0.00	38.35 -1.18 0.00	38.42 -1.22 0.00	37.22 -0.90 -0.01	36.61 -0.02 0.00
LYONS_FALL_HYD 23570	18.51 -0.20 0.00	8.90 -0.22 0.23	12.15 -0.24 0.00	12.68 -0.38 0.00	18.41 -0.54 0.00	30.75 -0.72 0.00	41.20 -0.55 0.00	38.70 -0.31 0.00	34.73 -0.11 0.00	31.12 -0.22 0.00	31.46 -0.30 0.00	31.98 -0.39 0.00	30.46 -0.57 0.00	28.48 -0.76 0.00	33.99 -0.87 0.00	67.93 -0.27 0.00	52.22 0.91 0.00	56.81 0.86 0.00	50.28 0.50 0.00	36.70 0.21 0.00	39.88 0.34 0.00	39.95 0.31 0.00	38.45 0.33 -0.01	36.98 0.34 0.00
MADISON___COUNTY_LFGE 323628	18.99 0.28 0.00	9.42 0.13 0.06	12.60 0.21 0.00	13.27 0.20 0.00	19.25 0.30 0.00	32.07 0.60 0.00	42.72 0.97 0.00	39.99 0.98 0.00	35.83 0.98 0.00	31.99 0.65 0.00	32.26 0.50 0.00	32.84 0.48 0.00	31.45 0.42 0.00	29.59 0.36 0.00	35.37 0.51 0.00	69.67 1.48 0.00	52.80 1.48 0.00	57.52 1.58 0.00	51.06 1.28 0.00	37.34 0.84 0.00	40.42 0.89 0.00	40.45 0.81 0.00	38.83 0.71 -0.01	37.30 0.66 0.00
MALONE___115KV_TB1 356076	17.10 -1.62 0.00	6.87 -0.92 1.56	11.40 -0.99 0.00	12.06 -1.00 0.00	17.56 -1.40 0.00	29.50 -1.97 0.00	40.12 -1.63 0.00	37.41 -1.60 0.00	32.59 -2.26 0.00	28.76 -2.59 0.00	29.24 -2.52 0.00	29.72 -2.65 0.00	28.76 -2.27 0.00	27.18 -2.06 0.00	32.49 -2.37 0.00	64.49 -3.71 0.00	49.28 -2.04 0.00	52.52 -3.43 0.00	46.90 -2.89 0.00	34.24 -2.26 0.00	37.65 -1.88 0.00	37.75 -1.89 0.00	36.90 -1.22 0.00	37.23 0.59 0.00
MAPLEWOD_115KV_TB3 80458	19.29 0.58 0.00	9.70 0.30 -0.05	12.78 0.39 0.00	13.49 0.42 0.00	19.57 0.61 0.00	32.55 1.08 0.00	43.18 1.43 0.00	40.34 1.34 0.00	36.07 1.23 0.00	32.59 1.14 -0.11	33.12 1.26 -0.10	33.81 1.36 -0.09	34.09 1.32 -1.73	33.03 1.12 -2.67	36.22 1.36 0.00	70.67 2.48 0.00	53.01 1.70 0.00	57.74 1.80 0.00	51.42 1.64 0.00	37.75 1.25 0.00	40.99 1.46 0.00	41.22 1.58 0.00	39.97 1.62 -0.23	38.02 1.39 0.00
MAPLE_RIDGE_WT_1 323574	17.86 -0.85 0.00	6.98 -0.49 1.88	11.80 -0.59 0.00	12.41 -0.66 0.00	18.03 -0.92 0.00	30.09 -1.39 0.00	40.48 -1.26 0.00	37.90 -1.11 0.00	33.75 -1.10 0.00	30.24 -1.11 0.00	30.65 -1.11 0.00	31.04 -1.32 0.00	29.77 -1.26 0.00	27.99 -1.25 0.00	33.45 -1.42 0.00	66.06 -2.14 0.00	50.13 -1.18 0.00	54.00 -1.95 0.00	48.00 -1.78 0.00	35.13 -1.37 0.00	38.34 -1.19 0.00	38.50 -1.14 0.00	37.27 -0.84 0.00	36.47 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	17.86 -0.85 0.00	6.98 -0.49 1.88	11.80 -0.59 0.00	12.41 -0.66 0.00	18.03 -0.92 0.00	30.09 -1.39 0.00	40.48 -1.26 0.00	37.90 -1.11 0.00	33.75 -1.10 0.00	30.24 -1.11 0.00	30.65 -1.11 0.00	31.04 -1.32 0.00	29.77 -1.26 0.00	27.99 -1.25 0.00	33.45 -1.42 0.00	66.06 -2.14 0.00	50.13 -1.18 0.00	54.00 -1.95 0.00	48.00 -1.78 0.00	35.13 -1.37 0.00	38.34 -1.19 0.00	38.50 -1.14 0.00	37.27 -0.84 0.00	36.47 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	16.83 -1.88 0.00	6.63 -1.05 1.67	11.22 -1.17 0.00	11.88 -1.18 0.00	17.29 -1.66 0.00	29.06 -2.41 0.00	39.45 -2.30 0.00	36.71 -2.30 0.00	31.94 -2.91 0.00	28.16 -3.18 0.00	28.68 -3.08 0.00	29.17 -3.19 0.00	28.22 -2.81 0.00	26.69 -2.55 0.00	31.98 -2.88 0.00	63.31 -4.88 0.00	48.45 -2.87 0.00	51.43 -4.51 0.00	46.03 -3.75 0.00	33.64 -2.85 0.00	37.04 -2.49 0.00	37.17 -2.47 0.00	36.38 -1.73 0.00	36.78 0.14 0.00
MARSHVLE_115KV_TB1 80742	19.58 0.87 0.00	9.83 0.42 -0.05	12.95 0.56 0.00	13.63 0.56 0.00	19.77 0.82 0.00	32.78 1.31 0.00	43.59 1.84 0.00	40.87 1.86 0.00	36.35 1.50 0.00	32.71 1.30 -0.06	32.60 0.78 -0.06	33.21 0.79 -0.05	33.00 0.92 -1.05	31.71 0.85 -1.62	36.04 1.18 0.00	71.25 3.06 0.00	54.20 2.88 0.00	59.21 3.26 0.00	52.66 2.88 0.00	38.51 2.01 0.00	41.49 1.95 0.00	41.57 1.94 0.00	40.22 1.84 -0.27	38.51 1.88 0.00
MARSH_HILL_WT_PWR 323713	17.06 -1.65 0.00	4.37 -0.81 4.17	11.39 -1.00 0.00	12.05 -1.02 0.00	17.64 -1.31 0.00	30.49 -0.98 0.00	40.53 -1.22 0.00	38.20 -0.81 0.00	34.02 -0.83 0.00	30.24 -1.10 0.00	30.79 -0.97 0.00	31.30 -1.07 0.00	29.85 -1.18 0.00	28.31 -0.93 0.00	33.78 -1.08 0.00	67.06 -1.13 0.00	50.83 -0.49 0.00	55.71 -0.23 0.00	49.17 -0.61 0.00	35.93 -0.57 0.00	38.53 -1.01 0.00	37.87 -1.77 0.00	36.68 -1.47 -0.04	35.99 -0.65 0.00
MCINTYRE_115KV_TB2 80467	17.53 -1.19 0.00	7.26 -0.68 1.41	11.71 -0.68 0.00	12.37 -0.70 0.00	18.00 -0.95 0.00	30.25 -1.22 0.00	41.20 -0.55 0.00	38.43 -0.57 0.00	33.35 -1.50 0.00	29.07 -2.27 0.00	29.55 -2.21 0.00	30.05 -2.31 0.00	29.06 -1.97 0.00	27.44 -1.80 0.00	32.81 -2.05 0.00	65.23 -2.97 0.00	50.24 -1.08 0.00	53.81 -2.13 0.00	47.84 -1.94 0.00	34.92 -1.57 0.00	38.27 -1.26 0.00	38.29 -1.34 0.00	37.36 -0.76 0.00	37.61 0.97 0.00
MECO_____69_KV_BK1 80468	19.83 1.12 0.00	9.95 0.55 -0.05	13.11 0.72 0.00	13.81 0.74 0.00	20.04 1.10 0.00	33.36 1.89 0.00	44.44 2.69 0.00	41.67 2.66 0.00	37.17 2.32 0.00	33.29 1.87 -0.08	32.86 1.03 -0.07	33.55 1.13 -0.06	33.43 1.18 -1.22	31.99 0.86 -1.89	36.27 1.41 0.00	72.13 3.94 0.00	55.15 3.83 0.00	60.29 4.34 0.00	53.62 3.84 0.00	39.26 2.76 0.00	42.35 2.82 0.00	42.38 2.74 0.00	40.92 2.55 -0.26	39.04 2.40 0.00
MENANDS___115KV_TB5 355628	19.18 0.47 0.00	9.64 0.24 -0.05	12.71 0.32 0.00	13.42 0.36 0.00	19.47 0.52 0.00	32.37 0.90 0.00	42.92 1.17 0.00	40.08 1.08 0.00	35.84 0.99 0.00	32.39 0.94 -0.11	32.99 1.13 -0.10	33.70 1.25 -0.09	33.97 1.20 -1.75	32.94 1.01 -2.69	36.07 1.21 0.00	70.27 2.08 0.00	52.67 1.36 0.00	57.33 1.39 0.00	51.05 1.27 0.00	37.50 1.00 0.00	40.73 1.20 0.00	40.99 1.35 0.00	39.79 1.45 -0.23	37.87 1.23 0.00
MG INDUSTRY___DRP 24185	19.20 0.49 0.00	9.66 0.26 -0.04	12.75 0.36 0.00	13.45 0.39 0.00	19.53 0.58 0.00	32.42 0.95 0.00	43.01 1.26 0.00	40.16 1.15 0.00	35.87 1.02 0.00	32.38 0.92 -0.11	32.84 0.98 -0.11	33.54 1.08 -0.10	33.86 1.00 -1.84	32.89 0.82 -2.83	35.88 1.02 0.00	70.28 2.09 0.00	52.79 1.48 0.00	57.46 1.51 0.00	51.11 1.33 0.00	37.54 1.04 0.00	40.74 1.21 0.00	40.97 1.33 0.00	39.75 1.40 -0.23	37.89 1.25 0.00

MID___OSWEGATCHIE_HYD 23849	17.62 -1.09 0.00	7.75 -0.70 0.90	11.61 -0.78 0.00	12.14 -0.92 0.00	17.64 -1.31 0.00	29.56 -1.91 0.00	39.99 -1.76 0.00	37.47 -1.53 0.00	33.18 -1.66 0.00	29.50 -1.85 0.00	29.89 -1.87 0.00	30.40 -1.96 0.00	29.09 -1.94 0.00	27.26 -1.98 0.00	32.52 -2.34 0.00	65.18 -3.01 0.00	50.41 -0.91 0.00	54.41 -1.53 0.00	48.18 -1.60 0.00	35.11 -1.39 0.00	38.35 -1.18 0.00	38.42 -1.22 0.00	37.22 -0.90 -0.01	36.61 -0.02 0.00
MID___RAQUETTE_HYD 23851	17.28 -1.43 0.00	7.20 -0.82 1.34	11.52 -0.87 0.00	12.15 -0.92 0.00	17.67 -1.28 0.00	29.64 -1.83 0.00	40.28 -1.47 0.00	37.60 -1.41 0.00	32.85 -2.00 0.00	28.98 -2.36 0.00	29.48 -2.28 0.00	29.97 -2.40 0.00	28.89 -2.14 0.00	27.24 -2.00 0.00	32.52 -2.34 0.00	64.52 -3.67 0.00	49.48 -1.83 0.00	52.99 -2.95 0.00	47.12 -2.66 0.00	34.38 -2.12 0.00	37.70 -1.83 0.00	37.76 -1.88 0.00	36.82 -1.29 0.00	36.97 0.34 0.00
MILLIKEN___1 23584	18.94 0.23 0.00	14.23 0.10 -4.77	12.53 0.14 0.00	13.23 0.17 0.00	19.21 0.25 0.00	31.95 0.48 0.00	42.40 0.65 0.00	39.67 0.67 0.00	35.37 0.52 0.00	31.58 0.24 0.00	31.85 0.09 0.00	32.41 0.05 0.00	30.99 -0.04 0.00	29.26 0.03 0.00	34.95 0.09 0.00	69.00 0.81 0.00	52.12 0.80 0.00	57.07 1.13 0.00	50.67 0.88 0.00	37.09 0.60 0.00	40.08 0.55 0.00	40.09 0.45 0.00	38.44 0.29 -0.04	36.96 0.32 0.00
MILLIKEN___2 23585	18.94 0.23 0.00	14.23 0.10 -4.77	12.53 0.14 0.00	13.23 0.17 0.00	19.21 0.25 0.00	31.95 0.48 0.00	42.40 0.65 0.00	39.67 0.67 0.00	35.37 0.52 0.00	31.58 0.24 0.00	31.85 0.09 0.00	32.41 0.05 0.00	30.99 -0.04 0.00	29.26 0.03 0.00	34.95 0.09 0.00	69.00 0.81 0.00	52.12 0.80 0.00	57.07 1.13 0.00	50.67 0.88 0.00	37.09 0.60 0.00	40.08 0.55 0.00	40.09 0.45 0.00	38.44 0.29 -0.04	36.96 0.32 0.00
MILLIKEN___DIESEL 23629	18.94 0.23 0.00	14.23 0.10 -4.77	12.53 0.14 0.00	13.23 0.17 0.00	19.21 0.25 0.00	31.95 0.48 0.00	42.40 0.65 0.00	39.67 0.67 0.00	35.37 0.52 0.00	31.58 0.24 0.00	31.85 0.09 0.00	32.41 0.05 0.00	30.99 -0.04 0.00	29.26 0.03 0.00	34.95 0.09 0.00	69.00 0.81 0.00	52.12 0.80 0.00	57.07 1.13 0.00	50.67 0.88 0.00	37.09 0.60 0.00	40.08 0.55 0.00	40.09 0.45 0.00	38.44 0.29 -0.04	36.96 0.32 0.00
MILLSEAT___LFGE 323607	17.89 -0.82 0.00	7.55 -0.40 1.41	11.93 -0.46 0.00	12.62 -0.45 0.00	18.46 -0.49 0.00	31.27 -0.19 0.00	41.23 -0.52 0.00	38.20 -0.81 0.00	34.02 -0.83 0.00	30.40 -0.94 0.00	30.94 -0.82 0.00	31.30 -1.07 0.00	29.90 -1.13 0.00	28.22 -1.02 0.00	33.57 -1.29 0.00	65.63 -2.56 0.00	49.46 -1.83 0.03	53.80 -2.15 0.00	47.70 -2.08 0.00	35.00 -1.49 0.01	37.53 -2.00 0.00	37.40 -2.24 0.00	36.05 -2.09 -0.03	34.83 -1.36 0.44
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.73 1.02 0.00	9.87 0.48 -0.04	12.98 0.59 0.00	13.67 0.61 0.00	19.83 0.88 0.00	33.08 1.61 0.00	43.93 2.19 0.00	41.16 2.16 0.00	36.84 1.99 0.00	33.60 1.91 -0.35	34.09 1.99 -0.33	35.05 2.08 -0.61	38.80 2.03 -5.74	39.97 1.88 -8.85	37.13 2.27 0.00	72.13 3.94 0.00	54.22 2.90 0.00	59.37 3.42 0.00	52.97 3.19 0.00	38.77 2.27 0.00	41.87 2.34 0.00	42.02 2.38 0.00	40.56 2.25 -0.19	38.44 1.81 0.00
MILLWOOD_13_KV_LOAD 356217	19.75 1.04 0.00	9.89 0.49 -0.04	12.99 0.60 0.00	13.69 0.62 0.00	19.85 0.90 0.00	33.12 1.65 0.00	43.99 2.24 0.00	41.21 2.20 0.00	36.89 2.04 0.00	33.64 1.94 -0.35	34.13 2.04 -0.33	35.10 2.13 -0.61	38.83 2.06 -5.74	40.02 1.92 -8.85	37.18 2.32 0.00	72.25 4.05 0.00	54.31 2.99 0.00	59.47 3.52 0.00	53.06 3.28 0.00	38.83 2.33 0.00	41.94 2.41 0.00	42.08 2.44 0.00	40.62 2.31 -0.19	38.48 1.85 0.00
MODEL_CITY_ENERGY 24167	17.26 -1.45 0.00	7.12 -0.69 1.54	11.54 -0.85 0.00	12.20 -0.87 0.00	17.86 -1.09 0.00	30.27 -1.20 0.00	39.78 -1.97 0.00	36.71 -2.30 0.00	32.72 -2.13 0.00	29.31 -2.03 0.00	29.99 -1.77 0.00	30.34 -2.02 0.00	28.98 -2.05 0.00	27.31 -1.93 0.00	32.38 -2.48 0.00	63.08 -5.11 0.00	47.41 -3.87 0.03	51.51 -4.43 0.00	45.67 -4.11 0.00	33.55 -2.93 0.01	36.01 -3.52 0.00	35.93 -3.71 0.00	34.74 -3.40 -0.03	33.70 -2.43 0.51
MODERN_LFGE___ 323580	17.26 -1.45 0.00	7.12 -0.69 1.54	11.54 -0.85 0.00	12.20 -0.87 0.00	17.86 -1.09 0.00	30.27 -1.20 0.00	39.78 -1.97 0.00	36.71 -2.30 0.00	32.72 -2.13 0.00	29.31 -2.03 0.00	29.99 -1.77 0.00	30.34 -2.02 0.00	28.98 -2.05 0.00	27.31 -1.93 0.00	32.38 -2.48 0.00	63.08 -5.11 0.00	47.41 -3.87 0.03	51.51 -4.43 0.00	45.67 -4.11 0.00	33.55 -2.93 0.01	36.01 -3.52 0.00	35.93 -3.71 0.00	34.74 -3.40 -0.03	33.70 -2.43 0.51
MOHAWK_PAPER___DRP 24187	19.29 0.58 0.00	9.70 0.30 -0.05	12.78 0.39 0.00	13.49 0.42 0.00	19.57 0.61 0.00	32.55 1.08 0.00	43.18 1.43 0.00	40.34 1.34 0.00	36.07 1.23 0.00	32.59 1.14 -0.11	33.12 1.26 -0.10	33.81 1.36 -0.09	34.09 1.32 -1.73	33.03 1.12 -2.67	36.22 1.36 0.00	70.67 2.48 0.00	53.01 1.70 0.00	57.74 1.80 0.00	51.42 1.64 0.00	37.75 1.25 0.00	40.99 1.46 0.00	41.22 1.58 0.00	39.97 1.62 -0.23	38.02 1.39 0.00
MOHICAN___35_KV_115KV_LD 80490	19.94 1.23 0.00	10.02 0.62 -0.05	13.19 0.80 0.00	13.91 0.84 0.00	20.20 1.25 0.00	34.00 2.53 0.00	45.27 3.52 0.00	42.31 3.30 0.00	37.81 2.96 0.00	33.81 2.37 -0.10	34.02 2.16 -0.09	34.81 2.36 -0.08	34.77 2.15 -1.59	33.59 1.90 -2.46	37.33 2.47 0.00	73.55 5.36 0.00	55.50 4.19 0.00	60.22 4.28 0.00	53.57 3.78 0.00	39.39 2.89 0.00	42.71 3.18 0.00	42.76 3.12 0.00	41.21 2.85 -0.24	39.18 2.54 0.00
MONGAUP___HYD 23641	19.77 1.06 0.00	9.90 0.51 -0.03	13.02 0.64 0.00	13.73 0.67 0.00	19.93 0.98 0.00	33.21 1.74 0.00	44.17 2.42 0.00	41.40 2.39 0.00	36.97 2.13 0.00	32.19 1.88 1.03	32.52 1.73 0.96	32.29 1.56 1.64	15.77 1.42 16.68	4.88 1.38 25.74	36.66 1.81 0.00	71.99 3.80 0.00	54.50 3.19 0.00	59.83 3.88 0.00	53.37 3.59 0.00	39.07 2.57 0.00	42.21 2.68 0.00	42.31 2.67 0.00	40.76 2.46 -0.18	38.68 2.04 0.00
MONTAUK___DIESEL 23721	19.67 0.96 0.00	9.80 0.41 -0.04	12.86 0.47 0.00	13.68 0.62 0.00	19.97 1.02 0.00	34.09 2.62 0.00	46.17 4.42 0.00	42.57 3.57 0.00	38.61 3.76 0.00	35.21 3.55 -0.31	35.29 3.24 -0.29	36.55 3.23 -0.96	44.80 3.22 -10.55	39.88 2.81 -7.82	42.03 2.85 -4.32	73.86 5.00 -0.67	54.93 3.61 0.00	60.63 4.68 0.00	51.72 5.29 3.35	40.05 4.25 0.70	45.01 4.99 -0.48	44.31 4.67 0.00	42.92 4.62 -0.20	40.43 3.79 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.71 -1.00 0.00	6.83 -0.56 1.96	11.69 -0.70 0.00	12.54 -0.52 0.00	18.61 -0.34 0.00	31.99 0.52 0.00	42.41 0.66 0.00	39.35 0.34 0.00	35.07 0.22 0.00	31.38 0.03 0.00	31.87 0.11 0.00	32.22 -0.14 0.00	30.61 -0.41 0.00	29.09 -0.15 0.00	34.72 -0.14 0.00	67.96 -0.24 0.00	51.17 -0.15 0.00	55.84 -0.11 0.00	49.42 -0.36 0.00	35.92 -0.58 0.00	37.92 -1.62 0.00	37.81 -1.83 0.00	36.94 -1.20 -0.03	36.20 -0.43 0.00

MORRIS_RIDGE___SOLAR 323848	17.41 -1.30 0.00	5.85 -0.65 2.85	11.59 -0.80 0.00	12.26 -0.81 0.00	17.92 -1.03 0.00	30.62 -0.85 0.00	40.63 -1.11 0.00	38.01 -0.99 0.00	33.79 -1.06 0.00	30.01 -1.34 0.00	30.50 -1.26 0.00	31.02 -1.34 0.00	29.57 -1.46 0.00	28.03 -1.21 0.00	33.34 -1.52 0.00	66.01 -2.18 0.00	49.92 -1.40 0.00	54.60 -1.35 0.00	48.32 -1.47 0.00	35.36 -1.13 0.00	37.98 -1.56 0.00	37.70 -1.94 0.00	36.17 -1.97 -0.04	35.42 -1.22 0.00
MORTIMER_115KV_TB3 55949	18.06 -0.65 0.00	7.98 -0.33 1.04	12.01 -0.38 0.00	12.68 -0.38 0.00	18.50 -0.45 0.00	31.06 -0.40 0.00	41.05 -0.70 0.00	38.13 -0.88 0.00	34.00 -0.85 0.00	30.48 -0.86 0.00	31.03 -0.73 0.00	31.48 -0.88 0.00	30.06 -0.97 0.00	28.37 -0.87 0.00	33.75 -1.11 0.00	66.02 -2.17 0.00	49.69 -1.63 0.00	54.12 -1.82 0.00	48.03 -1.75 0.00	35.20 -1.29 0.00	37.90 -1.63 0.00	37.84 -1.80 0.00	36.38 -1.76 -0.02	35.30 -1.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.89 1.18 0.00	9.95 0.56 -0.04	13.07 0.68 0.00	13.76 0.70 0.00	19.95 1.01 0.00	33.28 1.81 0.00	44.19 2.44 0.00	41.44 2.43 0.00	37.13 2.28 0.00	33.85 2.20 -0.31	34.40 2.35 -0.29	35.76 2.44 -0.96	38.47 2.37 -5.07	39.27 2.20 -7.83	37.52 2.66 0.00	72.77 4.57 0.00	54.63 3.31 0.00	59.73 3.78 0.00	53.29 3.51 0.00	39.01 2.51 0.00	42.12 2.58 0.00	42.27 2.63 0.00	40.83 2.52 -0.20	38.68 2.04 0.00
MUNSVILLE_WIND_PWR 323609	19.80 1.09 0.00	12.51 0.52 -2.64	13.08 0.69 0.00	13.84 0.77 0.00	20.11 1.16 0.00	33.28 1.81 0.00	44.44 2.69 0.00	41.99 2.98 0.00	37.63 2.79 0.00	33.36 2.06 0.04	33.52 1.80 0.04	34.11 1.79 0.04	32.10 1.77 0.69	29.91 1.75 1.07	37.10 2.24 0.00	74.41 6.22 0.00	56.31 4.98 -0.01	61.68 5.73 0.00	54.31 4.53 0.00	39.69 3.20 0.00	42.76 3.23 0.00	42.57 2.93 0.00	40.72 2.55 -0.06	39.37 2.59 -0.14
N SALMON___HYD 24042	17.10 -1.62 0.00	6.87 -0.92 1.56	11.40 -0.99 0.00	12.06 -1.00 0.00	17.55 -1.39 0.00	29.50 -1.97 0.00	40.12 -1.63 0.00	37.41 -1.60 0.00	32.59 -2.26 0.00	28.76 -2.59 0.00	29.24 -2.52 0.00	29.72 -2.65 0.00	28.75 -2.28 0.00	27.18 -2.06 0.00	32.49 -2.37 0.00	64.49 -3.71 0.00	49.28 -2.04 0.00	52.52 -3.43 0.00	46.90 -2.89 0.00	34.24 -2.26 0.00	37.65 -1.88 0.00	37.75 -1.89 0.00	36.90 -1.22 0.00	37.23 0.59 0.00
N.AKRON__115KV_KNAPP 355671	17.78 -0.93 0.00	7.46 -0.45 1.45	11.86 -0.53 0.00	12.55 -0.52 0.00	18.37 -0.58 0.00	31.12 -0.35 0.00	41.00 -0.75 0.00	37.95 -1.05 0.00	33.81 -1.04 0.00	30.22 -1.12 0.00	30.82 -0.94 0.00	31.17 -1.19 0.00	29.70 -1.33 0.00	28.05 -1.19 0.00	33.39 -1.47 0.00	65.23 -2.97 0.00	49.13 -2.18 0.00	53.38 -2.56 0.00	47.33 -2.45 0.00	34.75 -1.75 0.00	37.27 -2.26 0.00	37.14 -2.50 0.00	35.83 -2.31 -0.03	35.10 -1.54 0.00
N.BELMOR_69_KV_BK1 55787	20.05 1.34 0.00	10.00 0.60 -0.04	13.12 0.73 0.00	13.83 0.76 0.00	20.04 1.09 0.00	33.51 2.04 0.00	44.60 2.85 0.00	41.58 2.57 0.00	37.43 2.58 0.00	34.18 2.52 -0.31	34.60 2.55 -0.29	36.03 2.71 -0.96	46.35 2.62 -12.70	39.51 2.44 -7.82	43.84 2.97 -6.02	74.30 5.18 -0.93	54.83 3.51 0.00	59.88 3.93 0.00	73.42 3.82 -19.81	44.97 2.74 -5.73	59.11 2.92 -16.65	42.63 2.99 0.00	41.20 2.89 -0.20	38.96 2.32 0.00
N.E_GEN_SANDY PD 24062	45.84 0.79 -26.34	40.83 0.39 -31.09	37.42 0.49 -24.54	35.31 0.51 -21.74	43.37 0.74 -23.67	40.78 1.43 -7.88	44.99 1.95 -1.29	47.55 1.86 -6.68	36.52 1.67 0.00	33.05 1.53 -0.18	33.55 1.62 -0.17	34.29 1.77 -0.15	35.73 1.73 -2.97	35.19 1.51 -4.44	36.70 1.84 0.00	74.51 3.40 -2.92	54.66 2.38 -0.97	56.51 2.50 1.94	52.03 2.25 0.00	38.21 1.71 0.00	41.62 1.95 -0.13	41.65 2.02 0.00	40.41 1.94 -0.35	37.80 1.55 0.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.70 0.99 0.00	9.86 0.47 -0.04	12.96 0.57 0.00	13.66 0.59 0.00	19.80 0.85 0.00	33.06 1.59 0.00	43.89 2.14 0.00	41.09 2.09 0.00	36.76 1.91 0.00	33.63 1.83 -0.45	34.05 1.87 -0.42	35.31 1.94 -1.00	40.24 1.88 -7.33	42.32 1.78 -11.31	36.99 2.14 0.00	71.89 3.69 0.00	54.07 2.75 0.00	59.34 3.39 0.00	52.95 3.16 0.00	38.73 2.24 0.00	41.82 2.29 0.00	41.96 2.32 0.00	40.49 2.19 -0.19	38.37 1.73 0.00
N.QUEENS_27_KV_LOAD 356247	19.91 1.21 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.76 0.69 0.00	19.96 1.01 0.00	33.20 1.73 0.00	44.30 2.55 0.00	41.59 2.59 0.00	37.25 2.41 0.00	33.93 2.27 -0.31	34.54 2.49 -0.29	35.84 2.52 -0.96	38.56 2.45 -5.08	39.31 2.24 -7.83	37.62 2.76 0.00	72.82 4.62 0.00	54.72 3.40 0.00	59.85 3.91 0.00	61.47 3.59 -8.10	41.24 2.52 -2.22	47.37 2.55 -5.29	42.26 2.62 0.00	40.82 2.51 -0.20	38.66 2.02 0.00
N.TROY___115KV_TB1 355778	19.45 0.74 0.00	9.78 0.38 -0.05	12.87 0.48 0.00	13.58 0.51 0.00	19.70 0.75 0.00	32.89 1.42 0.00	43.66 1.91 0.00	40.78 1.77 0.00	36.45 1.60 0.00	32.86 1.41 -0.11	33.27 1.41 -0.10	34.00 1.55 -0.09	34.25 1.49 -1.73	33.19 1.28 -2.67	36.47 1.61 0.00	71.38 3.18 0.00	53.55 2.24 0.00	58.22 2.28 0.00	51.79 2.01 0.00	38.06 1.56 0.00	41.37 1.84 0.00	41.53 1.89 0.00	40.18 1.83 -0.24	38.18 1.55 0.00
NARROWS_GT1_1 24228	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT1_2 24229	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT1_3 24230	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT1_4 24231	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00

NARROWS_GT1_5 24232	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT1_6 24233	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT1_7 24234	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT1_8 24235	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_1 24236	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_2 24237	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_3 24238	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_4 24239	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_5 24240	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_6 24241	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_7 24242	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NARROWS_GT2_8 24243	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.58 0.00	41.58 2.57 0.00	37.23 2.39 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.53 2.43 -5.08	39.34 2.27 -7.83	37.60 2.75 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.46 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.55 0.84 0.00	9.83 0.44 -0.04	13.00 0.61 0.00	13.73 0.66 0.00	19.94 0.99 0.00	33.20 1.73 0.00	44.14 2.39 0.00	41.30 2.29 0.00	36.92 2.07 0.00	33.19 1.71 -0.14	33.58 1.69 -0.13	34.27 1.79 -0.11	34.75 1.52 -2.20	33.86 1.23 -3.39	36.43 1.57 0.00	71.95 3.76 0.00	54.26 2.94 0.00	59.10 3.15 0.00	52.55 2.77 0.00	38.55 2.05 0.00	41.85 2.31 0.00	42.06 2.42 0.00	40.77 2.43 -0.22	38.85 2.21 0.00
NCHELSEA_115KV_TR2 355582	19.83 1.12 0.00	9.93 0.54 -0.04	13.06 0.67 0.00	13.76 0.70 0.00	19.96 1.01 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.51 2.51 0.00	37.15 2.30 0.00	33.79 2.14 -0.31	34.25 2.20 -0.29	34.87 2.25 -0.26	38.21 2.19 -4.99	39.00 2.05 -7.71	37.36 2.50 0.00	72.76 4.57 0.00	54.74 3.42 0.00	59.90 3.95 0.00	53.43 3.65 0.00	39.11 2.62 0.00	42.25 2.72 0.00	42.37 2.73 0.00	40.86 2.56 -0.20	38.73 2.10 0.00
NEG CAPITAL___MECHNVIL 23645	19.70 0.99 0.00	9.90 0.50 -0.05	13.03 0.64 0.00	13.74 0.68 0.00	19.95 1.00 0.00	33.36 1.89 0.00	44.34 2.59 0.00	41.45 2.44 0.00	37.04 2.19 0.00	33.30 1.86 -0.10	33.61 1.75 -0.09	34.34 1.89 -0.09	34.50 1.83 -1.64	33.37 1.60 -2.53	36.90 2.04 0.00	72.48 4.28 0.00	54.52 3.21 0.00	59.30 3.36 0.00	52.75 2.97 0.00	38.73 2.23 0.00	42.02 2.49 0.00	42.13 2.49 0.00	40.68 2.33 -0.24	38.67 2.03 0.00

NEG CENTRAL_HIGH_ACRES 23767	17.89 -0.83 0.00	8.17 -0.42 0.76	11.88 -0.51 0.00	12.54 -0.52 0.00	18.27 -0.68 0.00	30.63 -0.84 0.00	40.54 -1.21 0.00	37.71 -1.30 0.00	33.62 -1.23 0.00	30.15 -1.20 0.00	30.64 -1.13 0.00	31.10 -1.26 0.00	29.74 -1.29 0.00	28.08 -1.16 0.00	33.40 -1.46 0.00	65.40 -2.79 0.00	49.24 -2.07 0.01	53.68 -2.26 0.00	47.65 -2.13 0.00	34.90 -1.59 0.00	37.60 -1.93 0.00	37.55 -2.09 0.00	36.07 -2.07 -0.02	34.72 -1.71 0.20
NEG CENTRAL___DRP 24199	18.52 -0.19 0.00	8.11 -0.11 1.14	12.27 -0.12 0.00	12.96 -0.11 0.00	18.83 -0.12 0.00	31.51 0.04 0.00	41.76 0.01 0.00	39.08 0.08 0.00	34.81 -0.04 0.00	31.09 -0.25 0.00	31.43 -0.33 0.00	31.97 -0.38 0.00	30.53 -0.50 0.00	28.88 -0.35 0.00	34.44 -0.41 0.00	67.67 -0.52 0.00	51.12 -0.20 0.00	55.99 0.05 0.00	49.69 -0.10 0.00	36.41 -0.09 0.00	39.29 -0.25 0.00	39.21 -0.43 0.00	37.58 -0.56 -0.02	36.26 -0.38 0.00
NEG CENTRAL___INDECK 23768	18.28 -0.43 0.00	6.56 -0.23 2.56	12.15 -0.23 0.00	12.84 -0.22 0.00	18.77 -0.18 0.00	31.90 0.43 0.00	42.34 0.59 0.00	39.54 0.53 0.00	35.19 0.34 0.00	31.04 -0.30 0.00	31.64 -0.12 0.00	31.95 -0.41 0.00	30.52 -0.51 0.00	28.78 -0.46 0.00	34.30 -0.55 0.00	67.99 -0.20 0.00	51.62 0.30 0.01	56.70 0.75 0.00	50.32 0.54 0.00	36.80 0.30 0.00	39.54 0.01 0.00	39.20 -0.44 0.00	37.57 -0.57 -0.03	36.50 -0.05 0.09
NEG CENTRAL___SENECA 23627	18.45 -0.26 0.00	7.07 -0.15 2.14	12.23 -0.16 0.00	12.92 -0.14 0.00	18.80 -0.15 0.00	31.62 0.15 0.00	41.87 0.13 0.00	39.27 0.27 0.00	34.93 0.08 0.00	31.14 -0.20 0.00	31.48 -0.28 0.00	32.02 -0.34 0.00	30.55 -0.48 0.00	28.92 -0.32 0.00	34.51 -0.35 0.00	67.83 -0.37 0.00	51.27 -0.05 0.00	56.23 0.28 0.00	49.84 0.06 0.00	36.56 0.06 0.00	39.38 -0.16 0.00	39.25 -0.39 0.00	37.59 -0.55 -0.03	36.35 -0.29 0.00
NEG CENTRAL___STATE_STREET 24147	18.74 0.03 0.00	9.89 0.00 -0.53	12.38 -0.01 0.00	13.08 0.02 0.00	19.02 0.07 0.00	31.56 0.09 0.00	41.82 0.07 0.00	39.07 0.07 0.00	34.84 -0.01 0.00	31.18 -0.16 0.00	31.51 -0.25 0.00	32.07 -0.29 0.00	30.68 -0.35 0.00	28.99 -0.25 0.00	34.55 -0.31 0.00	67.89 -0.30 0.00	51.25 -0.06 0.00	56.05 0.11 0.00	49.78 0.00 0.00	36.46 -0.04 0.00	39.41 -0.13 0.00	39.41 -0.23 0.00	37.79 -0.34 -0.02	36.38 -0.26 0.00
NEG MILLWOOD___DRP 24198	19.89 1.18 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.79 0.73 0.00	20.01 1.06 0.00	33.40 1.93 0.00	44.42 2.67 0.00	41.65 2.64 0.00	37.28 2.43 0.00	33.92 2.28 -0.29	34.40 2.37 -0.27	35.05 2.45 -0.24	38.09 2.36 -4.69	38.69 2.21 -7.24	37.53 2.67 0.00	73.05 4.85 0.00	54.95 3.64 0.00	60.15 4.21 0.00	53.65 3.87 0.00	39.27 2.78 0.00	42.41 2.88 0.00	42.53 2.89 0.00	41.03 2.72 -0.20	38.86 2.23 0.00
NEG NORTH_FLCN_SEA 23793	17.01 -1.70 0.00	6.73 -0.95 1.67	11.34 -1.05 0.00	12.01 -1.05 0.00	17.51 -1.44 0.00	29.51 -1.96 0.00	40.01 -1.74 0.00	37.24 -1.77 0.00	32.37 -2.48 0.00	28.53 -2.82 0.00	28.99 -2.78 0.00	29.56 -2.81 0.00	28.58 -2.45 0.00	27.02 -2.22 0.00	32.46 -2.40 0.00	64.15 -4.04 0.00	49.15 -2.17 0.00	52.17 -3.77 0.00	46.68 -3.11 0.00	34.20 -2.30 0.00	37.61 -1.92 0.00	37.72 -1.92 0.00	36.85 -1.26 0.00	37.27 0.63 0.00
NEG NORTH_KES_CHATEGAY 23792	16.83 -1.88 0.00	6.67 -1.05 1.64	11.23 -1.16 0.00	11.89 -1.18 0.00	17.30 -1.65 0.00	29.04 -2.43 0.00	39.49 -2.26 0.00	36.77 -2.24 0.00	31.98 -2.87 0.00	28.15 -3.19 0.00	28.65 -3.11 0.00	29.15 -3.21 0.00	28.21 -2.82 0.00	26.70 -2.54 0.00	31.98 -2.88 0.00	63.36 -4.83 0.00	48.42 -2.90 0.00	51.48 -4.47 0.00	46.06 -3.73 0.00	33.63 -2.86 0.00	37.06 -2.48 0.00	37.16 -2.48 0.00	36.39 -1.72 0.00	36.81 0.17 0.00
NEG NORTH___ALICE_FALLS 23915	17.07 -1.64 0.00	6.76 -0.93 1.66	11.38 -1.01 0.00	12.05 -1.02 0.00	17.56 -1.39 0.00	29.58 -1.89 0.00	40.17 -1.58 0.00	37.41 -1.59 0.00	32.50 -2.35 0.00	28.63 -2.72 0.00	29.09 -2.68 0.00	29.64 -2.72 0.00	28.69 -2.34 0.00	27.15 -2.09 0.00	32.60 -2.26 0.00	64.51 -3.69 0.00	49.41 -1.91 0.00	52.51 -3.43 0.00	46.98 -2.81 0.00	34.39 -2.10 0.00	37.82 -1.72 0.00	37.91 -1.73 0.00	37.04 -1.07 0.00	37.45 0.81 0.00
NEG NORTH___LWR_SARANAC 23913	17.07 -1.64 0.00	6.76 -0.93 1.66	11.38 -1.01 0.00	12.05 -1.02 0.00	17.56 -1.39 0.00	29.58 -1.89 0.00	40.17 -1.58 0.00	37.41 -1.59 0.00	32.50 -2.35 0.00	28.63 -2.72 0.00	29.09 -2.68 0.00	29.64 -2.72 0.00	28.69 -2.34 0.00	27.15 -2.09 0.00	32.60 -2.26 0.00	64.51 -3.69 0.00	49.41 -1.91 0.00	52.51 -3.43 0.00	46.98 -2.81 0.00	34.39 -2.10 0.00	37.82 -1.72 0.00	37.91 -1.73 0.00	37.04 -1.07 0.00	37.45 0.81 0.00
NEG NORTH___PLATTSBURG 23628	17.07 -1.64 0.00	6.76 -0.93 1.66	11.38 -1.01 0.00	12.05 -1.02 0.00	17.56 -1.39 0.00	29.58 -1.89 0.00	40.16 -1.58 0.00	37.41 -1.59 0.00	32.50 -2.35 0.00	28.63 -2.72 0.00	29.09 -2.67 0.00	29.64 -2.72 0.00	28.69 -2.35 0.00	27.15 -2.09 0.00	32.60 -2.26 0.00	64.50 -3.69 0.00	49.41 -1.91 0.00	52.51 -3.44 0.00	46.98 -2.81 0.00	34.39 -2.10 0.00	37.82 -1.72 0.00	37.92 -1.72 0.00	37.04 -1.08 0.00	37.44 0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	17.46 -1.25 0.00	7.23 -0.61 1.52	11.66 -0.73 0.00	12.33 -0.73 0.00	18.06 -0.88 0.00	30.63 -0.84 0.00	40.27 -1.48 0.00	37.21 -1.80 0.00	33.16 -1.69 0.00	29.68 -1.66 0.00	30.37 -1.39 0.00	30.71 -1.65 0.00	29.24 -1.79 0.00	27.60 -1.63 0.00	32.79 -2.07 0.00	63.96 -4.24 0.00	48.12 -3.20 0.00	52.24 -3.70 0.00	46.31 -3.47 0.00	34.02 -2.47 0.00	36.51 -3.02 0.00	36.40 -3.24 0.00	35.17 -2.97 -0.03	34.54 -2.10 0.00
NEG WEST___LANCASTR 23811	18.28 -0.43 0.00	7.25 -0.21 1.89	12.18 -0.21 0.00	12.89 -0.18 0.00	18.83 -0.12 0.00	31.91 0.44 0.00	41.84 0.10 0.00	38.83 -0.18 0.00	34.65 -0.20 0.00	31.07 -0.27 0.00	31.79 0.03 0.00	32.28 -0.08 0.00	30.78 -0.25 0.00	29.08 -0.16 0.00	34.56 -0.30 0.00	67.33 -0.86 0.00	50.45 -0.87 0.00	54.88 -1.07 0.00	48.62 -1.17 0.00	35.67 -0.82 0.00	38.28 -1.26 0.00	38.18 -1.46 0.00	36.79 -1.35 -0.03	35.89 -0.75 0.00
NEG_PENN_ALLEGHNY 23528	18.75 0.04 0.00	9.37 0.01 -0.01	12.41 0.02 0.00	13.10 0.04 0.00	19.00 0.05 0.00	31.72 0.25 0.00	42.01 0.26 0.00	39.31 0.30 0.00	35.10 0.25 0.00	31.46 0.16 0.05	31.86 0.15 0.04	32.46 0.14 0.04	30.37 0.08 0.74	28.26 0.17 1.14	35.08 0.23 0.00	68.76 0.57 0.00	51.67 0.34 -0.01	56.53 0.58 0.00	50.17 0.39 0.00	36.73 0.23 -0.01	39.74 0.21 0.00	39.76 0.13 0.00	38.15 -0.03 -0.06	36.88 0.04 -0.21
NEG___GEN_MONROE 24207	18.16 -0.55 0.00	8.01 -0.28 1.06	12.07 -0.31 0.00	12.76 -0.31 0.00	18.61 -0.34 0.00	31.32 -0.15 0.00	41.42 -0.33 0.00	38.44 -0.56 0.00	34.25 -0.60 0.00	30.66 -0.68 0.00	31.18 -0.58 0.00	31.59 -0.78 0.00	30.17 -0.86 0.00	28.48 -0.76 0.00	33.92 -0.95 0.00	66.39 -1.80 0.00	50.03 -1.29 0.00	54.51 -1.44 0.00	48.37 -1.42 0.00	35.44 -1.05 0.00	38.13 -1.40 0.00	38.04 -1.60 0.00	36.57 -1.56 -0.02	35.51 -1.13 0.00

NEPA__ENERGY 23901	17.69 -1.01 0.00	7.00 -0.53 1.83	11.77 -0.62 0.00	12.50 -0.57 0.00	18.38 -0.58 0.00	31.37 -0.10 0.00	41.41 -0.34 0.00	38.41 -0.60 0.00	34.23 -0.61 0.00	30.63 -0.71 0.00	31.27 -0.49 0.00	31.61 -0.75 0.00	30.05 -0.98 0.00	28.44 -0.80 0.00	33.87 -0.99 0.00	66.20 -2.00 0.00	49.84 -1.48 0.00	54.28 -1.66 0.00	48.08 -1.70 0.00	35.20 -1.30 0.00	37.53 -2.01 0.00	37.36 -2.28 0.00	36.22 -1.92 -0.03	35.46 -1.17 0.00
NEVERSink__HYD 23608	19.66 0.95 0.00	9.85 0.46 -0.03	12.96 0.57 0.00	13.67 0.60 0.00	19.83 0.88 0.00	33.03 1.57 0.00	43.91 2.16 0.00	41.15 2.14 0.00	36.79 1.94 0.00	33.13 1.75 -0.04	33.51 1.71 -0.04	34.02 1.63 -0.04	33.34 1.62 -0.69	31.86 1.56 -1.06	36.83 1.97 0.00	72.00 3.81 0.00	54.33 3.01 0.00	59.54 3.60 0.00	53.09 3.30 0.00	38.88 2.39 0.00	42.00 2.47 0.00	42.07 2.44 0.00	40.51 2.23 -0.17	38.47 1.83 0.00
NEWKRMKL_115KV_TB1 55635	19.07 0.37 0.00	9.59 0.19 -0.05	12.65 0.26 0.00	13.36 0.30 0.00	19.39 0.44 0.00	32.17 0.70 0.00	42.67 0.92 0.00	39.87 0.87 0.00	35.66 0.81 0.00	32.23 0.78 -0.11	32.88 1.02 -0.10	33.58 1.13 -0.09	33.82 1.07 -1.72	32.80 0.90 -2.65	35.92 1.06 0.00	69.93 1.74 0.00	52.45 1.14 0.00	57.11 1.17 0.00	50.84 1.06 0.00	37.33 0.84 0.00	40.54 1.01 0.00	40.82 1.18 0.00	39.68 1.33 -0.23	37.79 1.16 0.00
NEWTON__FALLS_HYD 23847	17.62 -1.09 0.00	7.75 -0.70 0.90	11.61 -0.78 0.00	12.14 -0.92 0.00	17.64 -1.31 0.00	29.56 -1.91 0.00	39.99 -1.76 0.00	37.47 -1.53 0.00	33.18 -1.66 0.00	29.50 -1.85 0.00	29.89 -1.87 0.00	30.40 -1.96 0.00	29.09 -1.94 0.00	27.26 -1.98 0.00	32.52 -2.34 0.00	65.18 -3.01 0.00	50.41 -0.91 0.00	54.41 -1.53 0.00	48.18 -1.60 0.00	35.11 -1.39 0.00	38.35 -1.18 0.00	38.42 -1.22 0.00	37.22 -0.90 -0.01	36.61 -0.02 0.00
NGRID_A1_DSASP 323792	17.29 -1.42 0.00	7.10 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.71 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.07 -1.70 0.00	30.41 -1.95 0.00	28.85 -2.18 0.00	27.19 -2.05 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.06 -4.22 0.04	51.11 -4.84 0.00	45.31 -4.47 0.00	33.28 -3.20 0.01	35.74 -3.79 0.00	35.67 -3.96 0.00	34.47 -3.67 -0.03	33.36 -2.73 0.54
NGRID_A2_DSASP 323793	17.29 -1.42 0.00	7.10 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.71 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.07 -1.70 0.00	30.41 -1.95 0.00	28.85 -2.18 0.00	27.19 -2.05 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.06 -4.22 0.04	51.11 -4.84 0.00	45.31 -4.47 0.00	33.28 -3.20 0.01	35.74 -3.79 0.00	35.67 -3.96 0.00	34.47 -3.67 -0.03	33.36 -2.73 0.54
NGRID_A4_DSASP 323807	17.29 -1.42 0.00	7.10 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.71 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.07 -1.70 0.00	30.41 -1.95 0.00	28.85 -2.18 0.00	27.19 -2.05 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.06 -4.22 0.04	51.11 -4.84 0.00	45.31 -4.47 0.00	33.28 -3.20 0.01	35.74 -3.79 0.00	35.67 -3.96 0.00	34.47 -3.67 -0.03	33.36 -2.73 0.54
NIAGARA_115E_LBMP 323715	17.14 -1.57 0.00	7.04 -0.75 1.57	11.46 -0.93 0.00	12.12 -0.95 0.00	17.74 -1.21 0.00	30.07 -1.40 0.00	39.49 -2.26 0.00	36.42 -2.59 0.00	32.46 -2.38 0.00	29.09 -2.26 0.00	29.79 -1.98 0.00	30.13 -2.24 0.00	28.77 -2.25 0.00	27.12 -2.12 0.00	32.14 -2.72 0.00	62.61 -5.58 0.00	47.03 -4.26 0.03	51.07 -4.88 0.00	45.27 -4.51 0.00	33.27 -3.21 0.01	35.72 -3.81 0.00	35.66 -3.98 0.00	34.49 -3.65 -0.03	33.47 -2.63 0.53
NIAGARA_115W_LBMP 323714	17.27 -1.44 0.00	7.09 -0.72 1.55	11.54 -0.84 0.00	12.21 -0.85 0.00	17.88 -1.07 0.00	30.27 -1.20 0.00	39.74 -2.01 0.00	36.64 -2.37 0.00	32.65 -2.20 0.00	29.28 -2.07 0.00	30.01 -1.75 0.00	30.36 -2.00 0.00	28.79 -2.23 0.00	27.14 -2.10 0.00	32.15 -2.71 0.00	62.57 -5.62 0.00	46.96 -4.32 0.04	51.00 -4.95 0.00	45.21 -4.57 0.00	33.21 -3.27 0.01	35.67 -3.87 0.00	35.60 -4.04 0.00	34.41 -3.74 -0.03	33.30 -2.80 0.54
NIAGARA_230_LBMP 323716	17.35 -1.36 0.00	7.16 -0.68 1.51	11.59 -0.80 0.00	12.26 -0.81 0.00	17.94 -1.01 0.00	30.35 -1.11 0.00	39.85 -1.90 0.00	36.78 -2.22 0.00	32.79 -2.06 0.00	29.41 -1.94 0.00	30.14 -1.62 0.00	30.51 -1.85 0.00	29.10 -1.93 0.00	27.42 -1.82 0.00	32.50 -2.37 0.00	63.30 -4.90 0.00	47.48 -3.81 0.04	51.57 -4.37 0.00	45.73 -4.05 0.00	33.57 -2.91 0.01	36.07 -3.46 0.00	36.01 -3.63 0.00	34.77 -3.37 -0.03	33.60 -2.50 0.54
NIAGARA__115KV_198_GIBSON 55903	17.27 -1.44 0.00	7.09 -0.72 1.55	11.54 -0.84 0.00	12.21 -0.85 0.00	17.88 -1.07 0.00	30.27 -1.20 0.00	39.74 -2.01 0.00	36.65 -2.36 0.00	32.65 -2.20 0.00	29.27 -2.08 0.00	30.01 -1.75 0.00	30.35 -2.01 0.00	28.71 -2.32 0.00	27.10 -2.14 0.00	32.15 -2.71 0.00	62.60 -5.59 0.00	46.99 -4.32 0.00	50.99 -4.95 0.00	45.20 -4.58 0.00	33.22 -3.28 0.00	35.67 -3.86 0.00	35.59 -4.04 0.00	34.42 -3.73 -0.03	33.84 -2.80 0.00
NIAGARA____ 23760	17.35 -1.36 0.00	7.15 -0.68 1.53	11.59 -0.80 0.00	12.26 -0.81 0.00	17.94 -1.01 0.00	30.35 -1.11 0.00	39.85 -1.90 0.00	36.78 -2.22 0.00	32.79 -2.06 0.00	29.41 -1.94 0.00	30.14 -1.62 0.00	30.51 -1.85 0.00	29.10 -1.93 0.00	27.42 -1.82 0.00	32.50 -2.37 0.00	63.30 -4.90 0.00	47.48 -3.81 0.04	51.57 -4.37 0.00	45.73 -4.05 0.00	33.57 -2.91 0.01	36.07 -3.46 0.00	36.01 -3.63 0.00	34.77 -3.37 -0.03	33.60 -2.50 0.53
NINE_MILE_1 23575	18.18 -0.53 0.00	9.09 -0.27 0.00	12.04 -0.34 0.00	12.70 -0.36 0.00	18.41 -0.54 0.00	30.52 -0.95 0.00	40.41 -1.34 0.00	37.68 -1.33 0.00	33.65 -1.19 0.00	30.28 -1.06 0.00	30.65 -1.11 0.00	31.19 -1.17 0.00	29.90 -1.13 0.00	28.22 -1.02 0.00	33.56 -1.30 0.00	65.71 -2.48 0.00	49.48 -1.84 0.00	53.98 -1.96 0.00	47.99 -1.79 0.00	35.17 -1.32 0.00	38.06 -1.47 0.00	38.12 -1.52 0.00	36.63 -1.50 -0.01	35.30 -1.34 0.00
NINE_MILE_2 23744	18.19 -0.52 0.00	9.09 -0.27 0.00	12.04 -0.34 0.00	12.70 -0.36 0.00	18.41 -0.54 0.00	30.52 -0.95 0.00	40.41 -1.34 0.00	37.68 -1.33 0.00	33.65 -1.19 0.00	30.28 -1.06 0.00	30.65 -1.11 0.00	31.20 -1.16 0.00	29.90 -1.13 0.00	28.22 -1.02 0.00	33.56 -1.30 0.00	65.71 -2.48 0.00	49.48 -1.83 0.00	53.98 -1.96 0.00	47.99 -1.79 0.00	35.17 -1.32 0.00	38.06 -1.47 0.00	38.12 -1.52 0.00	36.63 -1.50 -0.01	35.30 -1.34 0.00
NM_CAPITAL__DRP 24208	19.14 0.43 0.00	9.62 0.22 -0.04	12.69 0.29 0.00	13.39 0.33 0.00	19.43 0.48 0.00	32.28 0.81 0.00	42.80 1.05 0.00	39.98 0.98 0.00	35.76 0.91 0.00	32.32 0.87 -0.11	32.94 1.08 -0.10	33.64 1.19 -0.09	33.92 1.14 -1.76	32.91 0.96 -2.71	36.00 1.15 0.00	70.10 1.91 0.00	52.56 1.25 0.00	57.21 1.26 0.00	50.93 1.15 0.00	37.40 0.91 0.00	40.63 1.10 0.00	40.90 1.26 0.00	39.72 1.37 -0.23	37.81 1.18 0.00

NM_CENTRAL___DRP 24181	18.52 -0.19 0.00	9.22 -0.10 0.03	12.26 -0.12 0.00	12.94 -0.13 0.00	18.76 -0.19 0.00	31.17 -0.30 0.00	41.31 -0.43 0.00	38.55 -0.46 0.00	34.43 -0.42 0.00	30.93 -0.41 0.00	31.31 -0.45 0.00	31.87 -0.49 0.00	30.53 -0.50 0.00	28.83 -0.41 0.00	34.31 -0.55 0.00	67.22 -0.98 0.00	50.64 -0.68 0.00	55.28 -0.66 0.00	49.13 -0.65 0.00	35.98 -0.52 0.00	38.92 -0.61 0.00	38.94 -0.69 0.00	37.39 -0.74 -0.02	35.97 -0.66 0.00
NM_FRONTIER___DRP 24179	17.27 -1.44 0.00	7.09 -0.72 1.55	11.54 -0.84 0.00	12.21 -0.85 0.00	17.88 -1.07 0.00	30.27 -1.20 0.00	39.74 -2.01 0.00	36.65 -2.36 0.00	32.65 -2.20 0.00	29.27 -2.08 0.00	30.01 -1.75 0.00	30.35 -2.01 0.00	28.71 -2.32 0.00	27.10 -2.14 0.00	32.15 -2.71 0.00	62.60 -5.59 0.00	46.99 -4.32 0.00	50.99 -4.95 0.00	45.20 -4.58 0.00	33.22 -3.28 0.00	35.67 -3.86 0.00	35.59 -4.04 0.00	34.42 -3.73 -0.03	33.84 -2.80 0.00
NM_ST_REGIS___HYD 24053	17.23 -1.48 0.00	7.12 -0.85 1.38	11.49 -0.90 0.00	12.12 -0.94 0.00	17.64 -1.31 0.00	29.61 -1.86 0.00	40.24 -1.51 0.00	37.56 -1.44 0.00	32.79 -2.06 0.00	28.92 -2.42 0.00	29.42 -2.34 0.00	29.90 -2.46 0.00	28.86 -2.17 0.00	27.22 -2.02 0.00	32.52 -2.35 0.00	64.53 -3.66 0.00	49.46 -1.86 0.00	52.88 -3.07 0.00	47.08 -2.71 0.00	34.35 -2.15 0.00	37.70 -1.84 0.00	37.77 -1.87 0.00	36.86 -1.26 0.00	37.06 0.43 0.00
NORTHPORT___1 23551	20.15 1.44 0.00	10.05 0.66 -0.04	13.21 0.82 0.00	13.93 0.87 0.00	20.18 1.23 0.00	33.67 2.21 0.00	44.80 3.05 0.00	41.56 2.55 0.00	37.48 2.63 0.00	34.42 2.76 -0.31	34.72 2.67 -0.29	36.24 2.92 -0.96	44.30 2.81 -10.47	39.65 2.59 -7.82	42.25 3.13 -4.26	74.25 5.40 -0.66	54.92 3.61 0.00	60.06 4.11 0.00	50.57 3.91 3.12	38.69 2.84 0.64	43.27 3.15 -0.59	42.66 3.01 0.00	41.29 2.97 -0.20	39.02 2.38 0.00
NORTHPORT___2 23552	20.15 1.44 0.00	10.05 0.66 -0.04	13.21 0.82 0.00	13.93 0.87 0.00	20.18 1.23 0.00	33.67 2.21 0.00	44.80 3.05 0.00	41.56 2.55 0.00	37.48 2.63 0.00	34.42 2.76 -0.31	34.72 2.67 -0.29	36.24 2.92 -0.96	44.30 2.81 -10.47	39.65 2.59 -7.82	42.25 3.13 -4.26	74.25 5.40 -0.66	54.92 3.61 0.00	60.06 4.11 0.00	50.57 3.91 3.12	38.69 2.84 0.64	43.27 3.15 -0.59	42.66 3.01 0.00	41.29 2.97 -0.20	39.02 2.38 0.00
NORTHPORT___3 23553	19.90 1.20 0.00	9.94 0.55 -0.04	13.04 0.65 0.00	13.75 0.69 0.00	19.93 0.98 0.00	33.30 1.83 0.00	44.32 2.57 0.00	41.18 2.17 0.00	37.09 2.24 0.00	33.89 2.23 -0.31	34.45 2.39 -0.29	35.77 2.45 -0.96	43.95 2.40 -10.52	39.28 2.22 -7.82	41.86 2.70 -4.30	73.52 4.66 -0.66	54.43 3.11 0.00	59.49 3.55 0.00	48.84 3.40 4.34	37.98 2.46 0.97	42.05 2.69 0.18	42.25 2.61 0.00	40.86 2.55 -0.20	38.61 1.98 0.00
NORTHPORT___4 23650	19.90 1.20 0.00	9.94 0.55 -0.04	13.04 0.65 0.00	13.75 0.69 0.00	19.93 0.98 0.00	33.30 1.83 0.00	44.32 2.57 0.00	41.18 2.17 0.00	37.09 2.24 0.00	33.89 2.23 -0.31	34.45 2.39 -0.29	35.77 2.45 -0.96	43.95 2.40 -10.52	39.28 2.22 -7.82	41.86 2.70 -4.30	73.52 4.66 -0.66	54.43 3.11 0.00	59.49 3.55 0.00	48.84 3.40 4.34	37.98 2.46 0.97	42.05 2.69 0.18	42.25 2.61 0.00	40.86 2.55 -0.20	38.61 1.98 0.00
NORTHPORT___IC 23718	20.15 1.44 0.00	10.05 0.66 -0.04	13.21 0.82 0.00	13.93 0.87 0.00	20.18 1.23 0.00	33.67 2.20 0.00	44.80 3.05 0.00	41.56 2.55 0.00	37.48 2.63 0.00	34.42 2.76 -0.31	34.72 2.67 -0.29	36.24 2.93 -0.96	44.31 2.81 -10.47	39.65 2.59 -7.82	42.25 3.12 -4.26	74.25 5.40 -0.66	54.92 3.61 0.00	60.06 4.11 0.00	50.60 3.94 3.12	38.71 2.85 0.64	43.27 3.15 -0.59	42.65 3.01 0.00	41.29 2.97 -0.20	39.02 2.38 0.00
NORTH___COUNTRY_ESR 323785	16.76 -1.95 0.00	6.63 -1.08 1.64	11.18 -1.21 0.00	11.85 -1.22 0.00	17.24 -1.71 0.00	28.94 -2.53 0.00	39.33 -2.41 0.00	36.62 -2.39 0.00	31.84 -3.00 0.00	28.09 -3.26 0.00	28.60 -3.16 0.00	29.08 -3.28 0.00	28.14 -2.89 0.00	26.62 -2.62 0.00	31.86 -3.00 0.00	63.15 -5.05 0.00	48.25 -3.07 0.00	51.23 -4.71 0.00	45.86 -3.92 0.00	33.49 -3.01 0.00	36.90 -2.63 0.00	37.03 -2.61 0.00	36.27 -1.84 0.00	36.70 0.06 0.00
NPX_GEN_1385_PROXY 323591	20.33 1.62 0.00	10.14 0.75 -0.04	13.43 1.04 0.00	14.22 1.16 0.00	20.63 1.68 0.00	34.42 2.95 0.00	46.00 4.25 0.00	42.23 3.23 0.00	37.68 2.84 0.00	34.61 2.95 -0.31	34.56 2.50 -0.29	36.29 2.97 -0.96	44.48 2.99 -10.47	39.59 2.53 -7.82	42.12 3.00 -4.26	74.36 5.51 -0.66	55.08 3.76 0.00	60.56 4.62 0.00	51.14 4.48 3.12	39.24 3.39 0.64	43.92 3.79 -0.59	42.82 3.18 0.00	41.44 3.12 -0.20	38.94 2.30 0.00
NPX_GEN_CSC 323557	20.10 1.39 0.00	10.02 0.63 -0.04	13.15 0.76 0.00	13.88 0.81 0.00	20.14 1.19 0.00	33.81 2.34 0.00	45.13 3.38 0.00	41.42 2.41 0.00	38.00 3.15 0.00	34.73 3.07 -0.31	35.04 2.98 -0.29	36.47 3.16 -0.96	44.57 2.99 -10.55	39.85 2.79 -7.82	42.48 3.30 -4.32	74.10 5.24 -0.67	54.72 3.41 0.00	59.81 3.86 0.00	50.22 3.81 3.37	38.61 2.82 0.70	43.52 3.51 -0.47	42.75 3.11 0.00	41.51 3.20 -0.20	39.15 2.52 0.00
NSINS_S___GLNS_FALLS 23858	19.92 1.21 0.00	10.01 0.61 -0.05	13.18 0.79 0.00	13.89 0.83 0.00	20.18 1.23 0.00	33.95 2.48 0.00	45.19 3.44 0.00	42.24 3.23 0.00	37.74 2.90 0.00	33.75 2.31 -0.10	33.97 2.12 -0.09	34.76 2.31 -0.08	34.72 2.11 -1.59	33.55 1.86 -2.45	37.29 2.43 0.00	73.46 5.27 0.00	55.41 4.09 0.00	60.16 4.21 0.00	53.50 3.72 0.00	39.33 2.84 0.00	42.64 3.11 0.00	42.69 3.05 0.00	41.15 2.80 -0.24	39.13 2.50 0.00
NUCOR_STEEL___DRP 24197	18.74 0.03 0.00	9.99 0.01 -0.63	12.37 -0.01 0.00	13.08 0.02 0.00	19.02 0.07 0.00	31.52 0.05 0.00	41.76 0.01 0.00	39.00 -0.01 0.00	34.78 -0.07 0.00	31.15 -0.19 0.00	31.48 -0.28 0.00	32.05 -0.32 0.00	30.66 -0.37 0.00	28.97 -0.27 0.00	34.53 -0.33 0.00	67.82 -0.38 0.00	51.17 -0.15 0.00	55.95 0.00 0.00	49.70 -0.09 0.00	36.40 -0.10 0.00	39.35 -0.19 0.00	39.36 -0.28 0.00	37.75 -0.38 -0.02	36.33 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	18.15 -0.56 0.00	8.49 -0.48 0.38	11.82 -0.57 0.00	12.26 -0.80 0.00	17.81 -1.14 0.00	29.80 -1.67 0.00	40.12 -1.63 0.00	37.79 -1.22 0.00	34.01 -0.84 0.00	30.47 -0.87 0.00	30.84 -0.92 0.00	31.31 -1.05 0.00	29.68 -1.35 0.00	27.62 -1.62 0.00	32.92 -1.94 0.00	66.67 -1.52 0.00	51.88 0.57 0.00	56.35 0.41 0.00	49.72 -0.06 0.00	36.21 -0.29 0.00	39.45 -0.08 0.00	39.54 -0.10 0.00	38.09 -0.03 -0.01	36.69 0.06 0.00
NYISO_LBMP_REFERENCE 24008	18.71 0.00 0.00	9.35 0.00 0.00	12.39 0.00 0.00	13.06 0.00 0.00	18.95 0.00 0.00	31.47 0.00 0.00	41.75 0.00 0.00	39.01 0.00 0.00	34.85 0.00 0.00	31.35 0.00 0.00	31.76 0.00 0.00	32.36 0.00 0.00	31.03 0.00 0.00	29.24 0.00 0.00	34.86 0.00 0.00	68.19 0.00 0.00	51.32 0.00 0.00	55.94 0.00 0.00	49.78 0.00 0.00	36.50 0.00 0.00	39.53 0.00 0.00	39.64 0.00 0.00	38.11 0.00 0.00	36.64 0.00 0.00

NYPA_BRENTWD____GT 24164	20.28 1.57 0.00	10.11 0.72 -0.04	13.28 0.89 0.00	14.00 0.93 0.00	20.29 1.34 0.00	33.93 2.47 0.00	45.21 3.46 0.00	41.97 2.97 0.00	37.86 3.02 0.00	34.67 3.01 -0.31	35.02 2.97 -0.29	36.50 3.18 -0.96	44.71 3.05 -10.64	39.88 2.82 -7.82	42.69 3.44 -4.39	74.97 6.09 -0.68	55.55 4.23 0.00	60.74 4.79 0.00	51.84 4.52 2.46	39.30 3.26 0.45	44.26 3.62 -1.11	43.10 3.45 0.00	41.68 3.37 -0.20	39.36 2.73 0.00
NYPA_GOWANUS____GT5 24156	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
NYPA_GOWANUS____GT6 24157	19.94 1.23 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.31 1.84 0.00	44.29 2.54 0.00	41.56 2.55 0.00	37.22 2.37 0.00	33.92 2.26 -0.31	34.45 2.40 -0.29	35.78 2.46 -0.96	38.52 2.41 -5.08	39.31 2.24 -7.83	37.58 2.72 0.00	72.80 4.61 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.44 3.66 0.00	39.12 2.62 0.00	42.21 2.68 0.00	42.37 2.73 0.00	40.88 2.57 -0.20	38.70 2.07 0.00
NYPA_HARLEM__RVR__GT1 24160	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.42 -0.29	35.77 2.45 -0.96	38.49 2.38 -5.08	39.25 2.17 -7.83	37.56 2.70 0.00	72.68 4.48 0.00	54.61 3.30 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.17 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.77 2.46 -0.20	38.61 1.97 0.00
NYPA_HARLEM__RVR__GT2 24161	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.68 0.00	13.74 0.67 0.00	19.94 0.99 0.00	33.15 1.69 0.00	44.24 2.49 0.00	41.53 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.48 2.42 -0.29	35.77 2.45 -0.96	38.49 2.38 -5.08	39.25 2.17 -7.83	37.56 2.70 0.00	72.68 4.48 0.00	54.61 3.30 0.00	59.73 3.79 0.00	61.37 3.49 -8.10	41.17 2.45 -2.22	47.30 2.48 -5.29	42.19 2.55 0.00	40.77 2.46 -0.20	38.61 1.97 0.00
NYPA_KENT____GT 24152	19.96 1.25 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.79 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.30 2.55 0.00	41.56 2.55 0.00	37.23 2.38 0.00	33.95 2.30 -0.31	34.50 2.44 -0.29	35.84 2.52 -0.96	38.55 2.44 -5.08	39.34 2.27 -7.83	37.62 2.76 0.00	72.87 4.67 0.00	54.72 3.40 0.00	59.80 3.85 0.00	53.44 3.66 0.00	39.13 2.63 0.00	42.22 2.69 0.00	42.38 2.74 0.00	40.91 2.60 -0.20	38.74 2.10 0.00
NYPA_POUCH1____GT 24155	19.90 1.19 0.00	9.95 0.56 -0.04	13.07 0.68 0.00	13.76 0.69 0.00	19.95 1.01 0.00	33.27 1.80 0.00	44.25 2.50 0.00	41.49 2.48 0.00	37.14 2.29 0.00	33.83 2.18 -0.31	34.34 2.29 -0.29	35.68 2.35 -0.96	38.43 2.32 -5.08	39.22 2.15 -7.83	37.47 2.61 0.00	72.60 4.40 0.00	54.53 3.21 0.00	59.62 3.68 0.00	53.31 3.52 0.00	39.03 2.53 0.00	42.12 2.59 0.00	42.27 2.63 0.00	40.79 2.48 -0.20	38.62 1.98 0.00
NYPA_VERNON____GT2 24162	19.96 1.25 0.00	9.98 0.58 -0.04	13.10 0.71 0.00	13.79 0.72 0.00	19.99 1.05 0.00	33.33 1.86 0.00	44.28 2.53 0.00	41.54 2.54 0.00	37.23 2.39 0.00	33.97 2.31 -0.31	34.52 2.47 -0.29	35.86 2.54 -0.96	38.56 2.46 -5.08	39.37 2.29 -7.83	37.64 2.79 0.00	72.91 4.72 0.00	54.73 3.41 0.00	59.83 3.88 0.00	53.40 3.62 0.00	39.10 2.61 0.00	42.20 2.67 0.00	42.38 2.74 0.00	40.91 2.61 -0.20	38.75 2.11 0.00
NYPA_VERNON____GT3 24163	19.96 1.25 0.00	9.98 0.58 -0.04	13.10 0.71 0.00	13.79 0.72 0.00	19.99 1.05 0.00	33.33 1.86 0.00	44.28 2.53 0.00	41.54 2.54 0.00	37.23 2.39 0.00	33.97 2.31 -0.31	34.52 2.47 -0.29	35.86 2.54 -0.96	38.56 2.46 -5.08	39.37 2.29 -7.83	37.64 2.79 0.00	72.91 4.72 0.00	54.73 3.41 0.00	59.83 3.88 0.00	53.40 3.62 0.00	39.10 2.61 0.00	42.20 2.67 0.00	42.38 2.74 0.00	40.91 2.61 -0.20	38.75 2.11 0.00
NYPA__ASTORIA_CC1 323568	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.33 3.55 0.00	39.05 2.55 0.00	42.13 2.60 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
NYPA__ASTORIA_CC2 323569	19.94 1.23 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.71 0.00	19.98 1.02 0.00	33.27 1.81 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.17 2.32 0.00	33.91 2.25 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.50 2.40 -5.08	39.31 2.24 -7.83	37.59 2.73 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.73 3.79 0.00	53.33 3.55 0.00	39.05 2.55 0.00	42.13 2.60 0.00	42.32 2.68 0.00	40.86 2.55 -0.20	38.70 2.07 0.00
NYPA__HOLTSVILL 23794	20.13 1.42 0.00	10.04 0.65 -0.04	13.17 0.79 0.00	13.90 0.83 0.00	20.15 1.20 0.00	33.72 2.25 0.00	44.92 3.17 0.00	41.61 2.61 0.00	37.65 2.80 0.00	34.48 2.82 -0.31	34.82 2.76 -0.29	36.29 2.97 -0.96	44.40 2.83 -10.54	39.69 2.63 -7.82	42.36 3.18 -4.31	74.36 5.50 -0.67	55.04 3.73 0.00	60.21 4.26 0.00	50.43 4.07 3.42	38.73 2.95 0.72	43.32 3.35 -0.43	42.81 3.17 0.00	41.42 3.11 -0.20	39.12 2.49 0.00
NYPA__HELLGATE_GT1 24158	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.68 0.00	13.74 0.68 0.00	19.94 0.99 0.00	33.17 1.70 0.00	44.24 2.50 0.00	41.52 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.47 2.42 -0.29	35.76 2.44 -0.96	38.48 2.37 -5.08	39.24 2.17 -7.83	37.54 2.69 0.00	72.67 4.48 0.00	54.60 3.28 0.00	59.72 3.78 0.00	53.27 3.49 0.00	38.96 2.47 0.00	42.04 2.51 0.00	42.21 2.58 0.00	40.78 2.47 -0.20	38.62 1.98 0.00
NYPA__HELLGATE_GT2 24159	19.89 1.18 0.00	9.94 0.55 -0.04	13.06 0.68 0.00	13.74 0.68 0.00	19.94 0.99 0.00	33.17 1.70 0.00	44.24 2.50 0.00	41.52 2.52 0.00	37.19 2.35 0.00	33.88 2.22 -0.31	34.47 2.42 -0.29	35.76 2.44 -0.96	38.48 2.37 -5.08	39.24 2.17 -7.83	37.54 2.69 0.00	72.67 4.48 0.00	54.60 3.28 0.00	59.72 3.78 0.00	53.27 3.49 0.00	38.96 2.47 0.00	42.04 2.51 0.00	42.21 2.58 0.00	40.78 2.47 -0.20	38.62 1.98 0.00
NYS_BARGE__HYD 23848	17.48 -1.24 0.00	7.26 -0.60 1.50	11.67 -0.72 0.00	12.34 -0.72 0.00	18.07 -0.88 0.00	30.64 -0.83 0.00	40.29 -1.46 0.00	37.22 -1.79 0.00	33.17 -1.68 0.00	29.69 -1.65 0.00	30.37 -1.39 0.00	30.72 -1.64 0.00	29.32 -1.71 0.00	27.64 -1.60 0.00	32.79 -2.07 0.00	63.97 -4.23 0.00	48.10 -3.18 0.03	52.28 -3.67 0.00	46.34 -3.44 0.00	34.03 -2.45 0.01	36.52 -3.02 0.00	36.41 -3.23 0.00	35.18 -2.97 -0.03	34.09 -2.07 0.48

OAK ORCHARD___HYD 24046	18.06 -0.65 0.00	7.98 -0.33 1.04	12.01 -0.38 0.00	12.68 -0.38 0.00	18.50 -0.45 0.00	31.06 -0.40 0.00	41.05 -0.70 0.00	38.14 -0.87 0.00	34.00 -0.85 0.00	30.48 -0.86 0.00	31.04 -0.73 0.00	31.49 -0.87 0.00	30.11 -0.92 0.00	28.39 -0.85 0.00	33.75 -1.11 0.00	66.02 -2.17 0.00	49.67 -1.63 0.02	54.12 -1.82 0.00	48.04 -1.74 0.00	35.20 -1.29 0.01	37.90 -1.63 0.00	37.84 -1.80 0.00	36.37 -1.76 -0.02	35.03 -1.34 0.27
OAKDALE___35_KV_LOAD 356122	18.73 0.03 0.00	9.37 0.00 -0.01	12.40 0.01 0.00	13.10 0.03 0.00	19.00 0.05 0.00	31.69 0.22 0.00	41.94 0.19 0.00	39.25 0.24 0.00	35.05 0.20 0.00	31.42 0.12 0.05	31.83 0.11 0.04	32.43 0.11 0.04	30.36 0.06 0.73	28.25 0.15 1.13	35.04 0.18 0.00	68.67 0.48 0.00	51.57 0.25 0.00	56.42 0.48 0.00	50.08 0.30 0.00	36.67 0.17 0.00	39.68 0.14 0.00	39.71 0.07 0.00	38.11 -0.07 -0.06	36.64 0.01 0.00
OCC_CHEM___DRP 24175	17.30 -1.42 0.00	7.09 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.70 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.06 -1.70 0.00	30.40 -1.96 0.00	28.76 -2.27 0.00	27.15 -2.09 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.10 -4.22 0.00	51.11 -4.84 0.00	45.30 -4.48 0.00	33.29 -3.20 0.00	35.75 -3.79 0.00	35.68 -3.96 0.00	34.49 -3.65 -0.03	33.90 -2.74 0.00
OH_GEN_PROXY 24063	17.40 -1.31 0.00	7.18 -0.66 1.52	11.62 -0.77 0.00	12.29 -0.78 0.00	17.98 -0.97 0.00	30.40 -1.06 0.00	39.94 -1.81 0.00	36.90 -2.11 0.00	32.90 -1.95 0.00	29.51 -1.84 0.00	30.24 -1.53 0.00	30.63 -1.73 0.00	29.21 -1.82 0.00	27.53 -1.71 0.00	32.62 -2.23 0.00	63.54 -4.65 0.00	47.63 -3.65 0.04	51.76 -4.18 0.00	45.90 -3.88 0.00	33.69 -2.80 0.02	36.20 -3.33 0.00	36.15 -3.50 0.00	34.87 -3.27 -0.03	33.58 -2.46 0.60
OLIN_CORP_DRP 24177	17.18 -1.53 0.00	7.03 -0.73 1.58	11.48 -0.91 0.00	12.14 -0.92 0.00	17.78 -1.17 0.00	30.12 -1.35 0.00	39.58 -2.18 0.00	36.51 -2.50 0.00	32.54 -2.31 0.00	29.15 -2.19 0.00	29.85 -1.91 0.00	30.18 -2.18 0.00	28.74 -2.28 0.00	27.13 -2.11 0.00	32.21 -2.65 0.00	62.74 -5.45 0.00	47.17 -4.15 0.00	51.18 -4.76 0.00	45.38 -4.40 0.00	33.36 -3.13 0.00	35.80 -3.73 0.00	35.73 -3.90 0.00	34.58 -3.56 -0.03	34.05 -2.59 0.00
OLIN_CORP_DSASP 323712	17.29 -1.42 0.00	7.10 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.71 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.07 -1.70 0.00	30.41 -1.95 0.00	28.85 -2.18 0.00	27.19 -2.05 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.06 -4.22 0.04	51.11 -4.84 0.00	45.31 -4.47 0.00	33.28 -3.20 0.01	35.74 -3.79 0.00	35.67 -3.96 0.00	34.47 -3.67 -0.03	33.36 -2.73 0.54
ONEIDA_HERK_LFGE 323681	18.69 -0.02 0.00	9.10 -0.09 0.16	12.31 -0.08 0.00	12.89 -0.17 0.00	18.71 -0.24 0.00	31.22 -0.25 0.00	41.73 -0.02 0.00	39.14 0.13 0.00	35.10 0.25 0.00	31.44 0.09 0.00	31.78 0.02 0.00	32.33 -0.04 0.00	30.86 -0.17 0.00	28.92 -0.32 0.00	34.53 -0.33 0.00	68.57 0.38 0.00	52.39 1.08 0.00	57.03 1.08 0.00	50.55 0.77 0.00	36.95 0.45 0.00	40.09 0.56 0.00	40.16 0.52 0.00	38.62 0.50 -0.01	37.14 0.50 0.00
ONEIDA___115KV_TB4 55905	18.99 0.28 0.00	9.42 0.13 0.06	12.60 0.21 0.00	13.27 0.20 0.00	19.25 0.30 0.00	32.07 0.60 0.00	42.72 0.97 0.00	39.99 0.98 0.00	35.83 0.98 0.00	31.99 0.65 0.00	32.26 0.50 0.00	32.84 0.48 0.00	31.45 0.42 0.00	29.59 0.36 0.00	35.37 0.51 0.00	69.67 1.48 0.00	52.80 1.48 0.00	57.52 1.58 0.00	51.06 1.28 0.00	37.34 0.84 0.00	40.42 0.89 0.00	40.45 0.81 0.00	38.83 0.71 -0.01	37.30 0.66 0.00
ONONDAGA_REF_OCCRA 23987	18.63 -0.08 0.00	9.74 -0.04 -0.43	12.34 -0.05 0.00	13.01 -0.05 0.00	18.87 -0.08 0.00	31.37 -0.10 0.00	41.59 -0.16 0.00	38.84 -0.17 0.00	34.64 -0.21 0.00	31.08 -0.26 0.00	31.46 -0.30 0.00	32.03 -0.34 0.00	30.67 -0.36 0.00	28.97 -0.27 0.00	34.51 -0.35 0.00	67.68 -0.51 0.00	51.01 -0.31 0.00	55.74 -0.20 0.00	49.53 -0.25 0.00	36.27 -0.22 0.00	39.23 -0.30 0.00	39.26 -0.38 0.00	37.68 -0.45 -0.02	36.23 -0.40 0.00
ONONDAGA___COGEN 23986	18.62 -0.09 0.00	9.28 -0.05 0.02	12.32 -0.07 0.00	13.00 -0.07 0.00	18.85 -0.10 0.00	31.31 -0.15 0.00	41.50 -0.25 0.00	38.74 -0.27 0.00	34.57 -0.28 0.00	31.04 -0.30 0.00	31.40 -0.36 0.00	31.97 -0.39 0.00	30.62 -0.41 0.00	28.93 -0.31 0.00	34.44 -0.42 0.00	67.54 -0.65 0.00	50.88 -0.43 0.00	55.58 -0.36 0.00	49.39 -0.39 0.00	36.17 -0.32 0.00	39.14 -0.40 0.00	39.15 -0.49 0.00	37.58 -0.56 -0.02	36.14 -0.49 0.00
ONTARIO___LFGE 23819	18.45 -0.26 0.00	7.07 -0.15 2.14	12.23 -0.16 0.00	12.92 -0.14 0.00	18.80 -0.15 0.00	31.62 0.15 0.00	41.88 0.13 0.00	39.27 0.26 0.00	34.93 0.08 0.00	31.15 -0.19 0.00	31.48 -0.28 0.00	32.02 -0.34 0.00	30.56 -0.47 0.00	28.91 -0.32 0.00	34.52 -0.34 0.00	67.83 -0.36 0.00	51.27 -0.05 0.00	56.23 0.29 0.00	49.85 0.07 0.00	36.56 0.06 0.00	39.38 -0.15 0.00	39.25 -0.39 0.00	37.59 -0.55 -0.03	36.35 -0.29 0.00
ORANGEVILLE_WT_PWR 323706	17.31 -1.40 0.00	6.25 -0.70 2.40	11.54 -0.85 0.00	12.20 -0.87 0.00	17.87 -1.08 0.00	30.53 -0.94 0.00	40.51 -1.24 0.00	37.77 -1.24 0.00	33.56 -1.29 0.00	29.89 -1.46 0.00	30.45 -1.31 0.00	30.90 -1.46 0.00	29.47 -1.56 0.00	27.90 -1.34 0.00	33.17 -1.69 0.00	65.32 -2.87 0.00	49.36 -1.94 0.02	53.88 -2.06 0.00	47.71 -2.07 0.00	34.96 -1.53 0.01	37.51 -2.02 0.00	37.28 -2.36 0.00	35.83 -2.32 -0.03	34.86 -1.53 0.24
ORANGEVILLE___ESR 323794	17.31 -1.40 0.00	6.25 -0.70 2.40	11.54 -0.85 0.00	12.20 -0.87 0.00	17.87 -1.08 0.00	30.53 -0.94 0.00	40.51 -1.24 0.00	37.77 -1.24 0.00	33.56 -1.29 0.00	29.89 -1.46 0.00	30.45 -1.31 0.00	30.90 -1.46 0.00	29.47 -1.56 0.00	27.90 -1.34 0.00	33.17 -1.69 0.00	65.32 -2.87 0.00	49.36 -1.94 0.02	53.88 -2.06 0.00	47.71 -2.07 0.00	34.96 -1.53 0.01	37.51 -2.02 0.00	37.28 -2.36 0.00	35.83 -2.32 -0.03	34.86 -1.53 0.24
OSWEGATCHIE___HYD 24044	17.62 -1.09 0.00	7.75 -0.70 0.90	11.61 -0.78 0.00	12.14 -0.92 0.00	17.64 -1.31 0.00	29.56 -1.91 0.00	39.99 -1.76 0.00	37.47 -1.53 0.00	33.18 -1.66 0.00	29.50 -1.85 0.00	29.89 -1.87 0.00	30.40 -1.96 0.00	29.08 -1.95 0.00	27.26 -1.98 0.00	32.52 -2.34 0.00	65.18 -3.01 0.00	50.41 -0.91 0.00	54.41 -1.53 0.00	48.18 -1.60 0.00	35.11 -1.39 0.00	38.35 -1.19 0.00	38.42 -1.22 0.00	37.22 -0.90 -0.01	36.61 -0.02 0.00
OSWEGO___5 23606	18.30 -0.41 0.00	9.15 -0.21 0.00	12.12 -0.27 0.00	12.78 -0.29 0.00	18.53 -0.42 0.00	30.75 -0.72 0.00	40.71 -1.04 0.00	37.99 -1.02 0.00	33.92 -0.93 0.00	30.51 -0.83 0.00	30.89 -0.87 0.00	31.44 -0.93 0.00	30.12 -0.91 0.00	28.44 -0.81 0.00	33.83 -1.03 0.00	66.25 -1.94 0.00	49.89 -1.42 0.00	54.45 -1.50 0.00	48.40 -1.39 0.00	35.47 -1.03 0.00	38.38 -1.15 0.00	38.44 -1.20 0.00	36.93 -1.20 -0.01	35.56 -1.07 0.00

OSWEGO___6 23613	18.30 -0.41 0.00	9.15 -0.21 0.00	12.12 -0.27 0.00	12.78 -0.29 0.00	18.53 -0.42 0.00	30.75 -0.72 0.00	40.71 -1.04 0.00	37.99 -1.02 0.00	33.92 -0.93 0.00	30.51 -0.83 0.00	30.89 -0.87 0.00	31.44 -0.93 0.00	30.12 -0.91 0.00	28.44 -0.81 0.00	33.83 -1.03 0.00	66.25 -1.94 0.00	49.89 -1.42 0.00	54.45 -1.50 0.00	48.40 -1.39 0.00	35.47 -1.03 0.00	38.38 -1.15 0.00	38.44 -1.20 0.00	36.93 -1.20 -0.01	35.56 -1.07 0.00
OUTOKUMPU-AB___DRP 24206	17.65 -1.06 0.00	7.23 -0.52 1.61	11.78 -0.61 0.00	12.46 -0.60 0.00	18.26 -0.69 0.00	30.96 -0.51 0.00	40.73 -1.02 0.00	37.66 -1.35 0.00	33.55 -1.29 0.00	30.05 -1.29 0.00	30.78 -0.98 0.00	31.11 -1.25 0.00	29.55 -1.48 0.00	27.90 -1.33 0.00	33.15 -1.71 0.00	64.67 -3.53 0.00	48.64 -2.68 0.00	52.85 -3.10 0.00	46.83 -2.95 0.00	34.38 -2.11 0.00	36.87 -2.67 0.00	36.75 -2.89 0.00	35.48 -2.66 -0.03	34.82 -1.82 0.00
OXBOW___BTM 323836	17.51 -1.20 0.00	7.18 -0.59 1.58	11.69 -0.70 0.00	12.37 -0.70 0.00	18.11 -0.84 0.00	30.70 -0.77 0.00	40.36 -1.39 0.00	37.27 -1.74 0.00	33.20 -1.65 0.00	29.75 -1.59 0.00	30.49 -1.27 0.00	30.84 -1.52 0.00	29.32 -1.71 0.00	27.63 -1.61 0.00	32.76 -2.10 0.00	63.84 -4.36 0.00	47.94 -3.34 0.04	52.12 -3.83 0.00	46.19 -3.60 0.00	33.90 -2.58 0.01	36.39 -3.15 0.00	36.30 -3.34 0.00	35.05 -3.09 -0.03	33.89 -2.22 0.54
OXBOW____ 24026	17.51 -1.20 0.00	7.18 -0.59 1.58	11.69 -0.70 0.00	12.37 -0.70 0.00	18.11 -0.84 0.00	30.70 -0.77 0.00	40.36 -1.39 0.00	37.27 -1.74 0.00	33.20 -1.65 0.00	29.75 -1.60 0.00	30.49 -1.27 0.00	30.83 -1.54 0.00	29.23 -1.81 0.00	27.59 -1.65 0.00	32.76 -2.10 0.00	63.83 -4.36 0.00	47.97 -3.35 0.00	52.12 -3.83 0.00	46.18 -3.60 0.00	33.92 -2.58 0.00	36.39 -3.14 0.00	36.31 -3.33 0.00	35.06 -3.08 -0.03	34.42 -2.21 0.00
OXY_CHEM_DSASP 323612	17.30 -1.42 0.00	7.09 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.70 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.06 -1.70 0.00	30.40 -1.96 0.00	28.76 -2.27 0.00	27.15 -2.09 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.10 -4.22 0.00	51.11 -4.84 0.00	45.30 -4.48 0.00	33.29 -3.20 0.00	35.75 -3.79 0.00	35.68 -3.96 0.00	34.49 -3.65 -0.03	33.90 -2.74 0.00
OZONE_PARK_ESR 323760	20.07 1.36 0.00	10.03 0.64 -0.04	13.18 0.79 0.00	13.87 0.80 0.00	20.11 1.16 0.00	33.55 2.08 0.00	44.58 2.83 0.00	41.85 2.85 0.00	37.49 2.65 0.00	34.18 2.52 -0.31	34.74 2.69 -0.29	36.11 2.79 -0.96	38.80 2.69 -5.08	39.59 2.51 -7.84	37.88 3.02 0.00	73.44 5.25 0.00	55.14 3.83 0.00	60.32 4.37 0.00	53.84 4.05 0.00	39.40 2.91 0.00	42.53 3.00 0.00	42.68 3.05 0.00	41.22 2.91 -0.20	39.03 2.39 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	17.30 -1.42 0.00	7.09 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.70 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.06 -1.70 0.00	30.40 -1.96 0.00	28.76 -2.27 0.00	27.15 -2.09 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.10 -4.22 0.00	51.11 -4.84 0.00	45.30 -4.48 0.00	33.29 -3.20 0.00	35.75 -3.79 0.00	35.68 -3.96 0.00	34.49 -3.65 -0.03	33.90 -2.74 0.00
PACKARD___115KV_DUPONT_184 80571	17.30 -1.42 0.00	7.09 -0.70 1.56	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.31 -1.16 0.00	39.80 -1.95 0.00	36.70 -2.30 0.00	32.70 -2.15 0.00	29.32 -2.03 0.00	30.06 -1.70 0.00	30.40 -1.96 0.00	28.76 -2.27 0.00	27.15 -2.09 0.00	32.21 -2.65 0.00	62.74 -5.46 0.00	47.10 -4.22 0.00	51.11 -4.84 0.00	45.30 -4.48 0.00	33.29 -3.20 0.00	35.75 -3.79 0.00	35.68 -3.96 0.00	34.49 -3.65 -0.03	33.90 -2.74 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	19.88 1.18 0.00	9.94 0.55 -0.04	13.06 0.67 0.00	13.74 0.67 0.00	19.94 0.98 0.00	33.18 1.72 0.00	44.24 2.49 0.00	41.50 2.49 0.00	37.17 2.32 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.72 2.40 -0.96	38.44 2.33 -5.08	39.22 2.15 -7.83	37.50 2.64 0.00	72.62 4.42 0.00	54.58 3.26 0.00	59.68 3.73 0.00	53.27 3.49 0.00	38.98 2.49 0.00	42.08 2.55 0.00	42.25 2.61 0.00	40.79 2.48 -0.20	38.64 2.00 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	19.93 1.22 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	20.01 1.06 0.00	33.30 1.83 0.00	44.51 2.76 0.00	41.58 2.57 0.00	37.20 2.36 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.74 2.42 -0.96	38.48 2.37 -5.08	39.23 2.16 -7.83	37.50 2.64 0.00	72.66 4.47 0.00	54.65 3.34 0.00	59.80 3.86 0.00	53.39 3.60 0.00	39.04 2.55 0.00	42.09 2.56 0.00	42.25 2.61 0.00	40.79 2.48 -0.20	38.64 2.00 0.00
PATROON___115KV_TB1 80586	19.13 0.42 0.00	9.62 0.22 -0.05	12.69 0.30 0.00	13.40 0.33 0.00	19.44 0.49 0.00	32.27 0.80 0.00	42.82 1.07 0.00	40.01 1.00 0.00	35.78 0.93 0.00	32.33 0.88 -0.11	32.97 1.11 -0.10	33.67 1.22 -0.09	33.90 1.16 -1.71	32.87 0.99 -2.64	36.03 1.17 0.00	70.19 1.99 0.00	52.64 1.32 0.00	57.32 1.37 0.00	51.03 1.25 0.00	37.46 0.96 0.00	40.68 1.14 0.00	40.94 1.30 0.00	39.77 1.42 -0.23	37.88 1.24 0.00
PATTRSNVILLE___SOLAR 323815	19.37 0.66 0.00	9.74 0.34 -0.05	12.82 0.43 0.00	13.52 0.45 0.00	19.61 0.66 0.00	32.63 1.16 0.00	43.36 1.61 0.00	40.56 1.55 0.00	36.21 1.37 0.00	32.57 1.14 -0.09	32.60 0.76 -0.08	33.32 0.89 -0.07	33.33 0.88 -1.43	32.17 0.73 -2.20	35.89 1.03 0.00	70.68 2.49 0.00	53.44 2.12 0.00	58.26 2.32 0.00	51.87 2.09 0.00	38.03 1.53 0.00	41.15 1.62 0.00	41.26 1.62 0.00	39.88 1.52 -0.25	38.01 1.37 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	18.13 -0.58 0.00	7.25 -0.28 1.82	12.08 -0.30 0.00	12.79 -0.28 0.00	18.70 -0.25 0.00	31.73 0.26 0.00	41.66 -0.09 0.00	38.65 -0.36 0.00	34.49 -0.36 0.00	30.90 -0.45 0.00	31.62 -0.14 0.00	32.05 -0.31 0.00	30.56 -0.47 0.00	28.88 -0.36 0.00	34.32 -0.54 0.00	66.90 -1.29 0.00	50.19 -1.13 0.00	54.61 -1.33 0.00	48.38 -1.40 0.00	35.49 -1.01 0.00	38.07 -1.46 0.00	37.95 -1.69 0.00	36.59 -1.56 -0.03	35.73 -0.91 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	19.89 1.18 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.79 0.73 0.00	20.01 1.06 0.00	33.40 1.93 0.00	44.42 2.67 0.00	41.65 2.64 0.00	37.28 2.43 0.00	33.92 2.28 -0.29	34.40 2.37 -0.27	35.05 2.45 -0.24	38.09 2.36 -4.69	38.69 2.21 -7.24	37.53 2.67 0.00	73.05 4.85 0.00	54.95 3.64 0.00	60.15 4.21 0.00	53.65 3.87 0.00	39.27 2.78 0.00	42.41 2.88 0.00	42.53 2.89 0.00	41.03 2.72 -0.20	38.86 2.23 0.00
PEEKSKILL____ 23653	19.69 0.98 0.00	9.85 0.46 -0.04	12.95 0.56 0.00	13.65 0.58 0.00	19.79 0.84 0.00	33.03 1.56 0.00	43.85 2.10 0.00	41.08 2.07 0.00	36.75 1.90 0.00	33.53 1.82 -0.37	34.00 1.89 -0.35	34.64 1.97 -0.32	38.99 1.90 -6.06	40.37 1.78 -9.35	37.01 2.15 0.00	71.91 3.71 0.00	54.09 2.77 0.00	59.32 3.38 0.00	52.95 3.17 0.00	38.74 2.25 0.00	41.85 2.32 0.00	41.99 2.35 0.00	40.54 2.23 -0.19	38.41 1.77 0.00

PGE MADISON___WINDPWR 24146	19.80 1.09 0.00	12.51 0.52 -2.64	13.08 0.69 0.00	13.84 0.77 0.00	20.11 1.16 0.00	33.28 1.81 0.00	44.44 2.69 0.00	41.99 2.98 0.00	37.63 2.79 0.00	33.36 2.06 0.04	33.52 1.80 0.04	34.11 1.79 0.04	32.10 1.77 0.69	29.91 1.75 1.07	37.10 2.24 0.00	74.41 6.22 0.00	56.31 4.98 -0.01	61.68 5.73 0.00	54.31 4.53 0.00	39.69 3.20 0.00	42.76 3.23 0.00	42.57 2.93 0.00	40.72 2.55 -0.06	39.37 2.59 -0.14
PIERCEFIELD___HYD 23852	17.28 -1.43 0.00	7.20 -0.82 1.34	11.52 -0.87 0.00	12.15 -0.92 0.00	17.67 -1.28 0.00	29.64 -1.83 0.00	40.28 -1.47 0.00	37.60 -1.41 0.00	32.85 -2.00 0.00	28.98 -2.36 0.00	29.48 -2.28 0.00	29.97 -2.40 0.00	28.89 -2.14 0.00	27.24 -2.00 0.00	32.52 -2.34 0.00	64.52 -3.67 0.00	49.48 -1.83 0.00	52.99 -2.95 0.00	47.12 -2.66 0.00	34.38 -2.12 0.00	37.70 -1.83 0.00	37.76 -1.88 0.00	36.82 -1.29 0.00	36.97 0.34 0.00
PINELAWN_CC_1 323563	20.11 1.40 0.00	10.03 0.64 -0.04	13.16 0.77 0.00	13.88 0.81 0.00	20.12 1.17 0.00	33.64 2.17 0.00	44.82 3.07 0.00	41.71 2.70 0.00	37.58 2.73 0.00	34.34 2.68 -0.31	34.72 2.66 -0.29	36.16 2.84 -0.96	44.87 2.73 -11.11	39.60 2.54 -7.82	42.75 3.13 -4.76	74.42 5.49 -0.73	55.15 3.84 0.00	60.30 4.36 0.00	54.76 4.12 -0.86	39.92 2.95 -0.48	46.27 3.23 -3.50	42.80 3.16 0.00	41.37 3.06 -0.20	39.09 2.45 0.00
PJM_GEN_HTP_PROXY 323702	19.88 1.18 0.00	9.95 0.55 -0.04	13.06 0.67 0.00	13.75 0.69 0.00	19.95 1.00 0.00	33.26 1.80 0.00	44.37 2.43 -0.19	39.99 2.43 1.45	37.12 2.27 0.00	33.85 2.19 -0.31	34.40 2.34 -0.29	35.76 2.44 -0.96	38.48 2.37 -5.08	39.29 2.21 -7.85	37.52 2.66 0.00	72.76 4.57 0.00	54.59 3.31 0.04	60.51 3.77 -0.80	53.29 3.50 0.00	39.00 2.50 0.00	42.10 2.57 0.00	42.25 2.61 0.00	40.81 2.50 -0.20	38.66 2.02 0.00
PJM_GEN_KEystone 24065	18.83 0.12 0.00	8.47 0.04 0.92	12.44 0.05 0.00	13.13 0.07 0.00	19.08 0.13 0.00	32.02 0.55 0.00	42.42 0.48 -0.19	67.67 0.42 -28.25	35.24 0.39 0.00	33.09 0.40 -1.34	31.78 0.53 0.52	31.14 0.57 1.79	35.08 0.51 -3.54	35.20 0.50 -5.46	35.38 0.52 0.00	68.67 0.48 0.00	51.41 0.17 0.08	76.12 0.44 -19.74	50.45 0.39 -0.28	36.69 0.21 0.02	39.58 0.04 0.00	39.64 0.00 0.00	33.40 -0.02 4.70	27.98 -0.04 8.61
PJM_GEN_NEPTUNE_PROXY 323594	19.91 1.20 0.00	9.93 0.54 -0.04	13.03 0.64 0.00	13.73 0.66 0.00	19.91 0.96 0.00	33.25 1.78 0.00	44.43 2.49 -0.19	39.77 2.21 1.45	37.12 2.27 0.00	33.93 2.27 -0.31	34.36 2.30 -0.29	35.78 2.46 -0.96	43.57 2.38 -10.16	39.27 2.21 -7.82	41.55 2.68 -4.02	73.39 4.58 -0.62	54.44 3.16 0.04	60.35 3.60 -0.80	44.42 3.42 8.78	36.76 2.46 2.20	38.93 2.64 3.25	42.25 2.61 0.00	40.87 2.56 -0.20	38.65 2.01 0.00
PJM_GEN_VFT_PROXY 323633	19.87 1.16 0.00	9.94 0.54 -0.04	13.05 0.66 0.00	13.73 0.67 0.00	19.91 0.96 0.00	33.21 1.74 0.00	44.26 2.33 -0.19	39.89 2.33 1.45	37.03 2.18 0.00	33.77 2.11 -0.31	34.29 2.24 -0.29	35.65 2.33 -0.96	38.38 2.27 -5.08	39.20 2.13 -7.84	37.42 2.57 0.00	72.52 4.32 0.00	54.41 3.13 0.04	60.39 3.65 -0.80	53.18 3.40 0.00	38.92 2.42 0.00	42.00 2.47 0.00	42.15 2.52 0.00	40.72 2.42 -0.20	38.55 1.92 0.00
PLATSBURG_115KV_PMLD1 355749	17.00 -1.71 0.00	6.72 -0.96 1.67	11.33 -1.06 0.00	12.01 -1.06 0.00	17.49 -1.46 0.00	29.48 -1.99 0.00	39.97 -1.77 0.00	37.20 -1.81 0.00	32.33 -2.52 0.00	28.50 -2.85 0.00	28.96 -2.81 0.00	29.52 -2.84 0.00	28.55 -2.48 0.00	26.99 -2.25 0.00	32.43 -2.43 0.00	64.08 -4.11 0.00	49.10 -2.22 0.00	52.11 -3.83 0.00	46.63 -3.16 0.00	34.16 -2.34 0.00	37.58 -1.96 0.00	37.68 -1.96 0.00	36.82 -1.29 0.00	37.24 0.60 0.00
PLEASANTVLY___LBMP 24000	19.59 0.88 0.00	9.82 0.42 -0.04	12.90 0.52 0.00	13.60 0.53 0.00	19.73 0.77 0.00	32.88 1.41 0.00	43.69 1.94 0.00	40.93 1.93 0.00	36.63 1.78 0.00	33.28 1.69 -0.24	33.78 1.79 -0.23	34.74 1.90 -0.49	36.80 1.84 -3.93	36.99 1.70 -6.06	36.90 2.04 0.00	71.77 3.57 0.00	53.94 2.62 0.00	58.93 2.99 0.00	52.55 2.77 0.00	38.49 1.99 0.00	41.61 2.08 0.00	41.77 2.13 0.00	40.33 2.01 -0.20	38.25 1.61 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.78 1.06 0.00	9.90 0.51 -0.04	13.01 0.62 0.00	13.71 0.64 0.00	19.87 0.92 0.00	33.15 1.69 0.00	44.04 2.29 0.00	41.29 2.28 0.00	36.97 2.12 0.00	33.67 2.03 -0.30	34.17 2.14 -0.27	35.36 2.23 -0.77	37.96 2.16 -4.77	38.61 2.01 -7.36	37.28 2.42 0.00	72.44 4.25 0.00	54.41 3.10 0.00	59.49 3.55 0.00	53.06 3.28 0.00	38.85 2.35 0.00	41.97 2.44 0.00	42.11 2.47 0.00	40.66 2.35 -0.20	38.53 1.89 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.78 1.06 0.00	9.90 0.51 -0.04	13.01 0.62 0.00	13.71 0.64 0.00	19.87 0.92 0.00	33.15 1.69 0.00	44.04 2.29 0.00	41.29 2.28 0.00	36.97 2.12 0.00	33.67 2.03 -0.30	34.17 2.14 -0.27	35.36 2.23 -0.77	37.96 2.16 -4.77	38.61 2.01 -7.36	37.28 2.42 0.00	72.44 4.25 0.00	54.41 3.10 0.00	59.49 3.55 0.00	53.06 3.28 0.00	38.85 2.35 0.00	41.97 2.44 0.00	42.11 2.47 0.00	40.66 2.35 -0.20	38.53 1.89 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.71 1.00 0.00	9.88 0.48 -0.04	12.98 0.59 0.00	13.68 0.62 0.00	19.84 0.89 0.00	33.10 1.63 0.00	44.03 2.28 0.00	41.28 2.28 0.00	36.94 2.09 0.00	33.56 1.94 -0.27	34.05 2.03 -0.25	34.69 2.10 -0.23	37.47 2.05 -4.39	37.93 1.92 -6.77	37.18 2.32 0.00	72.42 4.23 0.00	54.50 3.18 0.00	59.60 3.66 0.00	53.17 3.39 0.00	38.92 2.42 0.00	42.05 2.52 0.00	42.18 2.54 0.00	40.69 2.38 -0.20	38.57 1.93 0.00
POLETTI___ 23519	19.92 1.21 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.02 0.00	33.29 1.82 0.00	44.18 2.43 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.88 2.22 -0.31	34.45 2.39 -0.29	35.82 2.50 -0.96	38.53 2.42 -5.08	39.33 2.26 -7.84	37.57 2.71 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.79 0.00	53.32 3.54 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.65 0.00	40.86 2.55 -0.20	38.71 2.07 0.00
POMONA___ESR 323819	19.70 0.99 0.00	9.86 0.47 -0.04	12.96 0.57 0.00	13.66 0.59 0.00	19.80 0.85 0.00	33.06 1.59 0.00	43.89 2.14 0.00	41.09 2.09 0.00	36.76 1.91 0.00	33.63 1.83 -0.45	34.05 1.87 -0.42	35.30 1.94 -1.00	40.23 1.88 -7.33	42.31 1.77 -11.31	36.99 2.14 0.00	71.88 3.69 0.00	54.07 2.75 0.00	59.34 3.39 0.00	52.94 3.16 0.00	38.73 2.23 0.00	41.82 2.29 0.00	41.96 2.32 0.00	40.49 2.19 -0.19	38.37 1.73 0.00
PORT_JEFF_3 23555	20.18 1.48 0.00	10.06 0.67 -0.04	13.21 0.82 0.00	13.93 0.86 0.00	20.19 1.24 0.00	33.81 2.34 0.00	45.06 3.31 0.00	41.74 2.74 0.00	37.77 2.93 0.00	34.57 2.92 -0.31	34.92 2.86 -0.29	36.39 3.07 -0.96	44.50 2.93 -10.55	39.79 2.72 -7.82	42.48 3.30 -4.32	74.62 5.75 -0.67	55.26 3.94 0.00	60.44 4.49 0.00	50.70 4.28 3.36	38.90 3.10 -0.48	43.53 3.52 0.00	42.97 3.33 0.00	41.57 3.26 -0.20	39.24 2.60 0.00

PORT_JEFF_4 23616	20.18 1.48 0.00	10.06 0.67 -0.04	13.21 0.82 0.00	13.93 0.86 0.00	20.19 1.24 0.00	33.81 2.34 0.00	45.06 3.31 0.00	41.74 2.74 0.00	37.77 2.93 0.00	34.57 2.92 -0.31	34.92 2.86 -0.29	36.39 3.07 -0.96	44.50 2.93 -10.55	39.79 2.72 -7.82	42.48 3.30 -4.32	74.62 5.75 -0.67	55.26 3.94 0.00	60.44 4.49 0.00	50.70 4.28 3.36	38.90 3.10 0.70	43.53 3.52 -0.48	42.97 3.33 0.00	41.57 3.26 -0.20	39.24 2.60 0.00
PORT_JEFF_IC 23713	20.19 1.48 0.00	10.06 0.67 -0.04	13.21 0.82 0.00	13.93 0.86 0.00	20.19 1.24 0.00	33.81 2.35 0.00	45.07 3.32 0.00	41.73 2.73 0.00	37.80 2.95 0.00	34.58 2.93 -0.31	34.92 2.87 -0.29	36.40 3.08 -0.96	44.53 2.93 -10.57	39.79 2.73 -7.82	42.52 3.32 -4.34	74.64 5.78 -0.67	55.27 3.96 0.00	60.46 4.51 0.00	50.86 4.32 3.24	38.96 3.13 0.67	43.64 3.55 -0.56	42.98 3.34 0.00	41.58 3.27 -0.20	39.24 2.60 0.00
PPL_PILGRIM_ST_GT1 24216	20.28 1.57 0.00	10.11 0.72 -0.04	13.28 0.89 0.00	14.00 0.93 0.00	20.29 1.34 0.00	33.93 2.47 0.00	45.21 3.46 0.00	41.97 2.97 0.00	37.86 3.02 0.00	34.67 3.01 -0.31	35.02 2.97 -0.29	36.50 3.18 -0.96	44.71 3.05 -10.64	39.88 2.82 -7.82	42.69 3.44 -4.39	74.97 6.09 -0.68	55.55 4.23 0.00	60.74 4.79 0.00	51.84 4.52 2.46	39.30 3.26 0.45	44.26 3.62 -1.11	43.10 3.45 0.00	41.68 3.37 -0.20	39.36 2.73 0.00
PPL_PILGRIM_ST_GT2 24217	20.28 1.57 0.00	10.11 0.72 -0.04	13.28 0.89 0.00	14.00 0.93 0.00	20.29 1.34 0.00	33.93 2.47 0.00	45.21 3.46 0.00	41.97 2.97 0.00	37.86 3.02 0.00	34.67 3.01 -0.31	35.02 2.97 -0.29	36.50 3.18 -0.96	44.71 3.05 -10.64	39.88 2.82 -7.82	42.69 3.44 -4.39	74.97 6.09 -0.68	55.55 4.23 0.00	60.74 4.79 0.00	51.84 4.52 2.46	39.30 3.26 0.45	44.26 3.62 -1.11	43.10 3.45 0.00	41.68 3.37 -0.20	39.36 2.73 0.00
PPL_SHRM_GT3 24213	20.12 1.41 0.00	10.03 0.64 -0.04	13.16 0.77 0.00	13.88 0.82 0.00	20.15 1.20 0.00	33.82 2.35 0.00	45.13 3.38 0.00	41.45 2.44 0.00	37.99 3.14 0.00	34.73 3.07 -0.31	35.04 2.98 -0.29	36.48 3.16 -0.96	44.58 2.99 -10.56	39.85 2.79 -7.82	42.49 3.31 -4.33	74.17 5.31 -0.67	54.78 3.46 0.00	59.88 3.93 0.00	50.34 3.86 3.31	38.66 2.85 0.69	43.57 3.52 -0.52	42.78 3.14 0.00	41.53 3.22 -0.20	39.17 2.54 0.00
PPL_SHRM_GT4 24214	20.12 1.41 0.00	10.03 0.64 -0.04	13.16 0.77 0.00	13.88 0.82 0.00	20.15 1.20 0.00	33.82 2.35 0.00	45.13 3.38 0.00	41.45 2.44 0.00	37.99 3.14 0.00	34.73 3.07 -0.31	35.04 2.98 -0.29	36.48 3.16 -0.96	44.58 2.99 -10.56	39.85 2.79 -7.82	42.49 3.31 -4.33	74.17 5.31 -0.67	54.78 3.46 0.00	59.88 3.93 0.00	50.34 3.86 3.31	38.66 2.85 0.69	43.57 3.52 -0.52	42.78 3.14 0.00	41.53 3.22 -0.20	39.17 2.54 0.00
PROJECT___ORANGE 1 24174	18.53 -0.18 0.00	9.23 -0.10 0.03	12.27 -0.12 0.00	12.94 -0.12 0.00	18.77 -0.18 0.00	31.19 -0.28 0.00	41.33 -0.42 0.00	38.57 -0.43 0.00	34.45 -0.39 0.00	30.95 -0.40 0.00	31.33 -0.43 0.00	31.89 -0.47 0.00	30.54 -0.48 0.00	28.85 -0.39 0.00	34.34 -0.52 0.00	67.27 -0.92 0.00	50.66 -0.66 0.00	55.33 -0.62 0.00	49.16 -0.63 0.00	36.01 -0.49 0.00	38.93 -0.60 0.00	38.98 -0.66 0.00	37.41 -0.72 -0.02	35.99 -0.64 0.00
PROJECT___ORANGE 2 24166	18.53 -0.18 0.00	9.23 -0.10 0.03	12.27 -0.12 0.00	12.94 -0.12 0.00	18.77 -0.18 0.00	31.19 -0.28 0.00	41.33 -0.42 0.00	38.57 -0.43 0.00	34.45 -0.39 0.00	30.95 -0.40 0.00	31.33 -0.43 0.00	31.89 -0.47 0.00	30.54 -0.48 0.00	28.85 -0.39 0.00	34.34 -0.52 0.00	67.27 -0.92 0.00	50.66 -0.66 0.00	55.33 -0.62 0.00	49.16 -0.63 0.00	36.01 -0.49 0.00	38.93 -0.60 0.00	38.98 -0.66 0.00	37.41 -0.72 -0.02	35.99 -0.64 0.00
PUCKETT___SOLAR 323809	18.94 0.23 0.00	9.76 0.09 -0.31	12.51 0.12 0.00	13.24 0.17 0.00	19.19 0.24 0.00	32.02 0.55 0.00	42.47 0.72 0.00	39.85 0.85 0.00	35.67 0.83 0.00	31.89 0.60 0.05	32.20 0.49 0.04	32.71 0.38 0.04	30.60 0.32 0.75	28.52 0.44 1.16	35.54 0.68 0.00	69.98 1.79 0.00	52.69 1.36 -0.01	57.62 1.67 0.00	51.05 1.27 0.00	37.38 0.88 0.00	40.42 0.88 0.00	40.39 0.75 0.00	38.67 0.50 -0.06	37.43 0.60 -0.19
PYRITES___HYD 24023	17.52 -1.19 0.00	7.29 -0.69 1.37	11.69 -0.69 0.00	12.35 -0.72 0.00	17.96 -0.99 0.00	30.18 -1.29 0.00	41.12 -0.63 0.00	38.38 -0.63 0.00	33.35 -1.50 0.00	29.11 -2.23 0.00	29.57 -2.19 0.00	30.09 -2.27 0.00	29.08 -1.95 0.00	27.49 -1.75 0.00	32.83 -2.03 0.00	65.35 -2.84 0.00	50.28 -1.04 0.00	53.86 -2.08 0.00	47.88 -1.91 0.00	34.95 -1.55 0.00	38.30 -1.23 0.00	38.32 -1.31 0.00	37.37 -0.75 0.00	37.56 0.92 0.00
QUAKERRD_115KV_BK1 80622	17.81 -0.90 0.00	7.98 -0.46 0.91	11.83 -0.56 0.00	12.49 -0.57 0.00	18.20 -0.75 0.00	30.49 -0.98 0.00	40.32 -1.43 0.00	37.51 -1.50 0.00	33.45 -1.40 0.00	30.00 -1.34 0.00	30.50 -1.26 0.00	30.97 -1.39 0.00	29.57 -1.45 0.00	27.92 -1.31 0.00	33.24 -1.62 0.00	65.04 -3.15 0.00	48.95 -2.36 0.00	53.34 -2.61 0.00	47.35 -2.43 0.00	34.70 -1.80 0.00	37.39 -2.14 0.00	37.35 -2.29 0.00	35.89 -2.24 -0.02	34.77 -1.87 0.00
QUENSBRY_115KV_TB8 356137	19.96 1.25 0.00	10.03 0.63 -0.05	13.20 0.81 0.00	13.92 0.85 0.00	20.22 1.27 0.00	34.07 2.60 0.00	45.37 3.62 0.00	42.42 3.41 0.00	37.88 3.04 0.00	33.87 2.43 -0.10	34.08 2.22 -0.09	34.88 2.43 -0.08	34.80 2.19 -1.58	33.61 1.94 -2.44	37.40 2.54 0.00	73.72 5.52 0.00	55.61 4.29 0.00	60.34 4.40 0.00	53.67 3.88 0.00	39.47 2.98 0.00	42.78 3.25 0.00	42.82 3.19 0.00	41.26 2.90 -0.24	39.21 2.58 0.00
RAMAPO___LBMP 323565	19.63 0.92 0.00	9.82 0.43 -0.04	12.91 0.52 0.00	13.61 0.55 0.00	19.74 0.79 0.00	32.94 1.47 0.00	43.73 1.98 0.00	40.93 1.93 0.00	36.61 1.76 0.00	33.48 1.69 -0.44	33.89 1.72 -0.41	33.14 1.78 1.01	39.93 1.73 -7.17	41.93 1.63 -11.06	36.81 1.96 0.00	71.55 3.35 0.00	53.84 2.52 0.00	59.09 3.15 0.00	52.74 2.96 0.00	38.57 2.08 0.00	41.65 2.12 0.00	41.80 2.16 0.00	40.34 2.04 -0.19	38.23 1.60 0.00
RANKINE____ 23646	17.76 -0.95 0.00	7.09 -0.47 1.79	11.84 -0.55 0.00	12.53 -0.54 0.00	18.36 -0.59 0.00	31.19 -0.28 0.00	41.07 -0.68 0.00	38.07 -0.94 0.00	33.93 -0.92 0.00	30.38 -0.96 0.00	31.09 -0.67 0.00	31.46 -0.91 0.00	29.94 -1.09 0.00	28.29 -0.95 0.00	33.64 -1.22 0.00	65.68 -2.52 0.00	49.40 -1.92 0.00	53.74 -2.21 0.00	47.59 -2.19 0.00	34.93 -1.56 0.00	37.44 -2.10 0.00	37.30 -2.34 0.00	35.99 -2.15 -0.03	35.24 -1.40 0.00
RAVENSWOOD_GT2_1 24244	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.81 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.41 2.36 -0.29	35.78 2.46 -0.96	38.49 2.38 -5.08	39.30 2.22 -7.83	37.53 2.67 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.79 0.00	53.31 3.53 0.00	39.02 2.52 0.00	42.12 2.59 0.00	42.27 2.64 0.00	40.83 2.52 -0.20	38.68 2.04 0.00

RAVENSWOOD_GT2_2 24245	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.81 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.41 2.36 -0.29	35.78 2.46 -0.96	38.49 2.38 -5.08	39.30 2.22 -7.83	37.53 2.67 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.79 0.00	53.31 3.53 0.00	39.02 2.52 0.00	42.12 2.59 0.00	42.27 2.64 0.00	40.83 2.52 -0.20	38.68 2.04 0.00
RAVENSWOOD_GT2_3 24246	19.91 1.20 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.02 0.00	33.29 1.83 0.00	44.21 2.46 0.00	41.48 2.47 0.00	37.16 2.31 0.00	33.88 2.22 -0.31	34.44 2.39 -0.29	35.80 2.48 -0.96	38.51 2.40 -5.08	39.31 2.24 -7.83	37.56 2.70 0.00	72.79 4.60 0.00	54.67 3.35 0.00	59.77 3.83 0.00	53.34 3.56 0.00	39.04 2.54 0.00	42.14 2.61 0.00	42.29 2.66 0.00	40.85 2.54 -0.20	38.70 2.06 0.00
RAVENSWOOD_GT2_4 24247	19.91 1.20 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.71 0.00	19.96 1.02 0.00	33.29 1.83 0.00	44.21 2.46 0.00	41.48 2.47 0.00	37.16 2.31 0.00	33.88 2.22 -0.31	34.44 2.39 -0.29	35.80 2.48 -0.96	38.51 2.40 -5.08	39.31 2.24 -7.83	37.56 2.70 0.00	72.79 4.60 0.00	54.67 3.35 0.00	59.77 3.83 0.00	53.34 3.56 0.00	39.04 2.54 0.00	42.14 2.61 0.00	42.29 2.66 0.00	40.85 2.54 -0.20	38.70 2.06 0.00
RAVENSWOOD_GT3_1 24248	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.81 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.88 2.22 -0.31	34.42 2.37 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.79 0.00	53.31 3.53 0.00	39.02 2.52 0.00	42.12 2.59 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT3_2 24249	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.81 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.88 2.22 -0.31	34.42 2.37 -0.29	35.78 2.46 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.79 0.00	53.31 3.53 0.00	39.02 2.52 0.00	42.12 2.59 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT3_3 24250	19.93 1.22 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.72 0.00	19.98 1.03 0.00	33.33 1.86 0.00	44.26 2.51 0.00	41.52 2.51 0.00	37.20 2.35 0.00	33.92 2.26 -0.31	34.48 2.42 -0.29	35.84 2.52 -0.96	38.54 2.44 -5.08	39.35 2.28 -7.83	37.60 2.74 0.00	72.90 4.71 0.00	54.73 3.41 0.00	59.83 3.89 0.00	53.40 3.62 0.00	39.08 2.59 0.00	42.18 2.65 0.00	42.34 2.70 0.00	40.90 2.59 -0.20	38.74 2.10 0.00
RAVENSWOOD_GT3_4 24251	19.93 1.22 0.00	9.97 0.57 -0.04	13.09 0.70 0.00	13.78 0.72 0.00	19.98 1.03 0.00	33.33 1.86 0.00	44.26 2.51 0.00	41.52 2.51 0.00	37.20 2.35 0.00	33.92 2.26 -0.31	34.48 2.42 -0.29	35.84 2.52 -0.96	38.54 2.44 -5.08	39.35 2.28 -7.83	37.60 2.74 0.00	72.90 4.71 0.00	54.73 3.41 0.00	59.83 3.89 0.00	53.40 3.62 0.00	39.08 2.59 0.00	42.18 2.65 0.00	42.34 2.70 0.00	40.90 2.59 -0.20	38.74 2.10 0.00
RAVENSWOOD_GT_1 23729	19.96 1.25 0.00	9.98 0.58 -0.04	13.10 0.71 0.00	13.79 0.72 0.00	20.00 1.05 0.00	33.33 1.86 0.00	44.27 2.53 0.00	41.55 2.54 0.00	37.23 2.38 0.00	33.96 2.31 -0.31	34.53 2.47 -0.29	35.87 2.55 -0.96	38.56 2.46 -5.08	39.37 2.29 -7.83	37.64 2.79 0.00	72.91 4.72 0.00	54.73 3.42 0.00	59.83 3.88 0.00	53.41 3.63 0.00	39.11 2.61 0.00	42.20 2.66 0.00	42.38 2.74 0.00	40.91 2.60 -0.20	38.75 2.12 0.00
RAVENSWOOD_GT_10 24258	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.82 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.31 3.53 0.00	39.03 2.53 0.00	42.12 2.59 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT_11 24259	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.82 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.31 3.53 0.00	39.03 2.53 0.00	42.12 2.59 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT_4 24252	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.46 2.45 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.40 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.65 3.33 0.00	59.75 3.81 0.00	53.32 3.54 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT_5 24254	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.46 2.45 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.40 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.65 3.33 0.00	59.75 3.81 0.00	53.32 3.54 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT_6 24253	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.46 2.45 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.40 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.65 3.33 0.00	59.75 3.81 0.00	53.32 3.54 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT_7 24255	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.29 1.82 0.00	44.19 2.44 0.00	41.46 2.45 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.40 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.65 3.33 0.00	59.75 3.81 0.00	53.32 3.54 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.82 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.31 3.53 0.00	39.03 2.53 0.00	42.12 2.59 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00

RAVENSWOOD_GT_9 24257	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.82 0.00	44.19 2.44 0.00	41.45 2.44 0.00	37.14 2.30 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.79 2.46 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.54 2.68 0.00	72.77 4.58 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.31 3.53 0.00	39.03 2.53 0.00	42.12 2.59 0.00	42.28 2.64 0.00	40.84 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD___1 23533	19.93 1.22 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.26 1.80 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.16 2.32 0.00	33.90 2.24 -0.31	34.45 2.40 -0.29	35.80 2.48 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.57 2.71 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.13 2.60 0.00	42.30 2.66 0.00	40.86 2.54 -0.20	38.69 2.05 0.00
RAVENSWOOD___2 23534	19.93 1.22 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.26 1.80 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.16 2.32 0.00	33.90 2.24 -0.31	34.45 2.40 -0.29	35.80 2.48 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.57 2.71 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.13 2.60 0.00	42.30 2.66 0.00	40.86 2.54 -0.20	38.69 2.05 0.00
RAVENSWOOD___3 23535	19.90 1.19 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.28 1.82 0.00	44.19 2.44 0.00	41.46 2.45 0.00	37.15 2.30 0.00	33.88 2.22 -0.31	34.42 2.37 -0.29	35.78 2.46 -0.96	38.49 2.38 -5.08	39.30 2.23 -7.83	37.54 2.69 0.00	72.78 4.58 0.00	54.64 3.33 0.00	59.74 3.80 0.00	53.31 3.53 0.00	39.03 2.53 0.00	42.13 2.60 0.00	42.28 2.64 0.00	40.85 2.54 -0.20	38.68 2.05 0.00
RAVENSWOOD___4 23820	19.93 1.22 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.26 1.80 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.16 2.32 0.00	33.90 2.24 -0.31	34.45 2.40 -0.29	35.80 2.48 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.57 2.71 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.33 3.55 0.00	39.04 2.54 0.00	42.13 2.60 0.00	42.30 2.66 0.00	40.86 2.54 -0.20	38.69 2.05 0.00
RCPL_TRUST___DRP 24196	19.90 1.19 0.00	9.96 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.29 1.83 0.00	44.22 2.47 0.00	41.48 2.47 0.00	37.16 2.31 0.00	33.90 2.24 -0.31	34.44 2.39 -0.29	35.81 2.49 -0.96	38.52 2.40 -5.08	39.33 2.24 -7.85	37.57 2.71 0.00	72.84 4.65 0.00	54.69 3.37 0.00	59.79 3.85 0.00	53.34 3.56 0.00	39.04 2.54 0.00	42.14 2.61 0.00	42.29 2.66 0.00	40.85 2.54 -0.20	38.69 2.05 0.00
RED___ROCHESTER 323720	18.18 -0.53 0.00	8.05 -0.28 1.03	12.08 -0.31 0.00	12.76 -0.31 0.00	18.60 -0.34 0.00	31.25 -0.22 0.00	41.30 -0.45 0.00	38.38 -0.62 0.00	34.23 -0.62 0.00	30.68 -0.66 0.00	31.24 -0.52 0.00	31.69 -0.68 0.00	30.31 -0.72 0.00	28.58 -0.66 0.00	33.99 -0.87 0.00	66.50 -1.70 0.00	50.04 -1.26 0.02	54.54 -1.40 0.00	48.42 -1.36 0.00	35.46 -1.03 0.01	38.18 -1.36 0.00	38.10 -1.54 0.00	36.62 -1.52 -0.02	35.23 -1.13 0.27
REGAN___SOLAR 323812	19.77 1.06 0.00	9.92 0.52 -0.05	13.07 0.68 0.00	13.77 0.70 0.00	19.99 1.04 0.00	33.26 1.79 0.00	44.29 2.54 0.00	41.52 2.51 0.00	37.04 2.19 0.00	33.11 1.69 -0.08	32.67 0.83 -0.07	33.19 0.76 -0.07	33.23 0.96 -1.25	31.75 0.58 -1.93	35.96 1.10 0.00	71.75 3.55 0.00	54.89 3.58 0.00	60.00 4.05 0.00	53.37 3.59 0.00	39.09 2.59 0.00	42.19 2.66 0.00	42.22 2.59 0.00	40.78 2.41 -0.26	38.89 2.26 0.00
RENSSELAER___COGEN 23796	19.05 0.33 0.00	9.58 0.18 -0.04	12.63 0.24 0.00	13.34 0.27 0.00	19.35 0.40 0.00	32.12 0.65 0.00	42.59 0.84 0.00	39.79 0.78 0.00	35.58 0.73 0.00	32.16 0.71 -0.11	32.81 0.94 -0.10	33.50 1.05 -0.09	33.76 0.97 -1.76	32.79 0.83 -2.72	35.83 0.97 0.00	69.74 1.54 0.00	52.32 1.00 0.00	56.95 1.01 0.00	50.72 0.94 0.00	37.24 0.75 0.00	40.45 0.91 0.00	40.72 1.08 0.00	39.59 1.24 -0.23	37.71 1.07 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.54 1.83 0.00	10.35 0.95 -0.05	13.62 1.23 0.00	14.38 1.31 0.00	20.93 1.98 0.00	35.88 4.41 0.00	47.94 6.20 0.00	44.70 5.69 0.00	39.88 5.03 0.00	35.30 3.86 -0.10	35.58 3.73 -0.09	36.47 4.02 -0.08	36.04 3.43 -1.59	34.77 3.08 -2.45	39.06 4.20 0.00	77.19 9.00 0.00	58.66 7.34 0.00	63.23 7.29 0.00	56.13 6.34 0.00	41.48 4.98 0.00	44.94 5.40 0.00	44.73 5.09 0.00	42.97 4.62 -0.24	40.67 4.03 0.00
REVERE_CPPR_DRP 24186	19.05 0.34 0.00	9.39 0.13 0.10	12.60 0.22 0.00	13.25 0.18 0.00	19.22 0.27 0.00	32.08 0.61 0.00	42.81 1.06 0.00	40.10 1.09 0.00	35.94 1.10 0.00	32.09 0.75 0.00	32.33 0.57 0.00	32.89 0.52 0.00	31.45 0.42 0.00	29.56 0.33 0.00	35.37 0.52 0.00	69.97 1.78 0.00	53.22 1.91 0.00	57.98 2.03 0.00	51.44 1.66 0.00	37.61 1.11 0.00	40.72 1.19 0.00	40.76 1.12 0.00	39.12 1.00 -0.01	37.57 0.93 0.00
REYNOLDS_115KV_TB3 80639	19.22 0.50 0.00	9.66 0.26 -0.04	12.73 0.35 0.00	13.43 0.37 0.00	19.49 0.55 0.00	32.43 0.96 0.00	42.99 1.24 0.00	40.14 1.13 0.00	35.89 1.04 0.00	32.45 0.99 -0.11	33.02 1.16 -0.10	33.73 1.27 -0.09	34.04 1.23 -1.79	33.02 1.03 -2.75	36.11 1.25 0.00	70.35 2.16 0.00	52.73 1.42 0.00	57.37 1.43 0.00	51.08 1.30 0.00	37.53 1.04 0.00	40.78 1.25 0.00	41.04 1.40 0.00	39.81 1.47 -0.23	37.87 1.24 0.00
RIVERBAY____ 323610	19.93 1.22 0.00	9.95 0.56 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	20.01 1.06 0.00	33.30 1.83 0.00	44.51 2.76 0.00	41.58 2.57 0.00	37.20 2.36 0.00	33.87 2.21 -0.31	34.42 2.37 -0.29	35.74 2.42 -0.96	38.48 2.37 -5.08	39.23 2.16 -7.83	37.50 2.64 0.00	72.66 4.47 0.00	54.65 3.34 0.00	59.80 3.86 0.00	53.39 3.60 0.00	39.04 2.55 0.00	42.09 2.56 0.00	42.25 2.61 0.00	40.79 2.48 -0.20	38.64 2.00 0.00
RIVERSDE_115KV_TB3 55908	19.14 0.43 0.00	9.62 0.22 -0.04	12.69 0.29 0.00	13.39 0.33 0.00	19.43 0.48 0.00	32.28 0.81 0.00	42.80 1.05 0.00	39.98 0.98 0.00	35.76 0.91 0.00	32.32 0.87 -0.11	32.94 1.08 -0.10	33.64 1.19 -0.09	33.92 1.14 -1.76	32.91 0.96 -2.71	36.00 1.15 0.00	70.10 1.91 0.00	52.56 1.25 0.00	57.21 1.26 0.00	50.93 1.15 0.00	37.40 0.91 0.00	40.63 1.10 0.00	40.90 1.26 0.00	39.72 1.37 -0.23	37.81 1.18 0.00
ROARING___BROOK_WT_PWR 323790	17.86 -0.85 0.00	6.98 -0.49 1.88	11.80 -0.59 0.00	12.41 -0.66 0.00	18.03 -0.92 0.00	30.09 -1.39 0.00	40.48 -1.26 0.00	37.90 -1.11 0.00	33.75 -1.10 0.00	30.24 -1.11 0.00	30.65 -1.11 0.00	31.04 -1.32 0.00	29.77 -1.26 0.00	27.99 -1.25 0.00	33.45 -1.42 0.00	66.06 -2.14 0.00	50.13 -1.18 0.00	54.00 -1.95 0.00	48.00 -1.78 0.00	35.13 -1.37 0.00	38.34 -1.19 0.00	38.50 -1.14 0.00	37.27 -0.84 0.00	36.47 -0.17 0.00

ROCHESRG_115KV_T4 355643	18.00 -0.72 0.00	7.98 -0.37 1.01	11.97 -0.42 0.00	12.64 -0.43 0.00	18.43 -0.52 0.00	30.94 -0.53 0.00	40.87 -0.88 0.00	37.96 -1.05 0.00	33.85 -1.00 0.00	30.35 -0.99 0.00	30.92 -0.84 0.00	31.36 -1.00 0.00	29.94 -1.09 0.00	28.26 -0.98 0.00	33.62 -1.24 0.00	65.74 -2.46 0.00	49.46 -1.86 0.00	53.85 -2.09 0.00	47.81 -1.97 0.00	35.03 -1.47 0.00	37.74 -1.80 0.00	37.68 -1.96 0.00	36.23 -1.90 -0.02	35.17 -1.47 0.00
ROCHESTER_9_IC 23652	18.09 -0.62 0.00	8.01 -0.32 1.03	12.03 -0.36 0.00	12.70 -0.36 0.00	18.53 -0.42 0.00	31.11 -0.35 0.00	41.11 -0.64 0.00	38.20 -0.81 0.00	34.06 -0.79 0.00	30.54 -0.80 0.00	31.09 -0.68 0.00	31.53 -0.83 0.00	30.12 -0.91 0.00	28.42 -0.81 0.00	33.82 -1.04 0.00	66.15 -2.04 0.00	49.77 -1.54 0.00	54.23 -1.72 0.00	48.13 -1.65 0.00	35.27 -1.23 0.00	37.97 -1.57 0.00	37.90 -1.74 0.00	36.44 -1.69 -0.02	35.35 -1.28 0.00
ROCKVIEW_13_KV_LD 356306	19.91 1.20 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.35 1.88 0.00	44.30 2.55 0.00	41.53 2.52 0.00	37.20 2.35 0.00	33.91 2.25 -0.31	34.43 2.38 -0.29	35.80 2.48 -0.96	38.50 2.39 -5.08	39.30 2.22 -7.84	37.54 2.69 0.00	72.90 4.70 0.00	54.75 3.44 0.00	59.86 3.92 0.00	53.40 3.62 0.00	39.08 2.58 0.00	42.21 2.67 0.00	42.36 2.72 0.00	40.88 2.58 -0.20	38.74 2.10 0.00
ROME____115KV_TB2 80656	19.05 0.34 0.00	9.39 0.13 0.10	12.60 0.22 0.00	13.25 0.18 0.00	19.22 0.27 0.00	32.08 0.61 0.00	42.81 1.06 0.00	40.10 1.09 0.00	35.94 1.10 0.00	32.09 0.75 0.00	32.33 0.57 0.00	32.89 0.52 0.00	31.45 0.42 0.00	29.56 0.33 0.00	35.37 0.52 0.00	69.97 1.78 0.00	53.22 1.91 0.00	57.98 2.03 0.00	51.44 1.66 0.00	37.61 1.11 0.00	40.72 1.19 0.00	40.76 1.12 0.00	39.12 1.00 -0.01	37.57 0.93 0.00
ROSETON___1 23587	19.58 0.87 0.00	9.81 0.42 -0.04	12.90 0.51 0.00	13.60 0.53 0.00	19.72 0.77 0.00	32.86 1.39 0.00	43.65 1.90 0.00	40.89 1.88 0.00	36.58 1.73 0.00	33.26 1.65 -0.26	33.74 1.74 -0.24	34.41 1.83 -0.22	37.05 1.77 -4.25	37.43 1.64 -6.55	36.84 1.98 0.00	71.67 3.48 0.00	53.87 2.55 0.00	58.89 2.95 0.00	52.52 2.74 0.00	38.47 1.97 0.00	41.58 2.04 0.00	41.72 2.09 0.00	40.29 1.97 -0.20	38.22 1.58 0.00
ROSETON___2 23588	19.58 0.87 0.00	9.81 0.42 -0.04	12.90 0.51 0.00	13.60 0.53 0.00	19.72 0.77 0.00	32.86 1.39 0.00	43.65 1.90 0.00	40.89 1.88 0.00	36.58 1.73 0.00	33.26 1.65 -0.26	33.74 1.74 -0.24	34.41 1.83 -0.22	37.05 1.77 -4.25	37.43 1.64 -6.55	36.84 1.98 0.00	71.67 3.48 0.00	53.87 2.55 0.00	58.89 2.95 0.00	52.52 2.74 0.00	38.47 1.97 0.00	41.58 2.04 0.00	41.72 2.09 0.00	40.29 1.97 -0.20	38.22 1.58 0.00
ROTRDAM_115KV_TB3 80664	19.27 0.56 0.00	9.69 0.29 -0.05	12.76 0.37 0.00	13.45 0.38 0.00	19.51 0.56 0.00	32.47 1.00 0.00	43.12 1.37 0.00	40.31 1.31 0.00	36.02 1.17 0.00	32.45 1.01 -0.09	32.78 0.93 -0.09	33.45 1.01 -0.08	33.51 0.99 -1.49	32.40 0.85 -2.31	35.95 1.10 0.00	70.46 2.27 0.00	53.02 1.71 0.00	57.78 1.83 0.00	51.43 1.65 0.00	37.74 1.24 0.00	40.88 1.35 0.00	41.01 1.37 0.00	39.66 1.30 -0.24	37.76 1.12 0.00
RUSSELL___1 23602	18.18 -0.53 0.00	8.04 -0.28 1.03	12.08 -0.31 0.00	12.76 -0.31 0.00	18.60 -0.34 0.00	31.25 -0.22 0.00	41.31 -0.44 0.00	38.38 -0.62 0.00	34.23 -0.62 0.00	30.68 -0.66 0.00	31.24 -0.52 0.00	31.68 -0.68 0.00	30.25 -0.78 0.00	28.56 -0.68 0.00	33.99 -0.87 0.00	66.49 -1.70 0.00	50.06 -1.26 0.00	54.54 -1.40 0.00	48.41 -1.37 0.00	35.47 -1.03 0.00	38.18 -1.35 0.00	38.10 -1.54 0.00	36.63 -1.51 -0.02	35.50 -1.13 0.00
RUSSELL___2 23532	18.18 -0.53 0.00	8.04 -0.28 1.03	12.08 -0.31 0.00	12.76 -0.31 0.00	18.60 -0.34 0.00	31.25 -0.22 0.00	41.31 -0.44 0.00	38.38 -0.62 0.00	34.23 -0.62 0.00	30.68 -0.66 0.00	31.24 -0.52 0.00	31.68 -0.68 0.00	30.25 -0.78 0.00	28.56 -0.68 0.00	33.99 -0.87 0.00	66.49 -1.70 0.00	50.06 -1.26 0.00	54.54 -1.40 0.00	48.41 -1.37 0.00	35.47 -1.03 0.00	38.18 -1.35 0.00	38.10 -1.54 0.00	36.63 -1.51 -0.02	35.50 -1.13 0.00
RUSSELL___3 23549	18.18 -0.53 0.00	8.04 -0.28 1.03	12.08 -0.31 0.00	12.76 -0.31 0.00	18.60 -0.34 0.00	31.25 -0.22 0.00	41.31 -0.44 0.00	38.38 -0.62 0.00	34.23 -0.62 0.00	30.68 -0.66 0.00	31.24 -0.52 0.00	31.68 -0.68 0.00	30.25 -0.78 0.00	28.56 -0.68 0.00	33.99 -0.87 0.00	66.49 -1.70 0.00	50.06 -1.26 0.00	54.54 -1.40 0.00	48.41 -1.37 0.00	35.47 -1.03 0.00	38.18 -1.35 0.00	38.10 -1.54 0.00	36.63 -1.51 -0.02	35.50 -1.13 0.00
RUSSELL___4 23556	18.18 -0.53 0.00	8.04 -0.28 1.03	12.08 -0.31 0.00	12.76 -0.31 0.00	18.60 -0.34 0.00	31.25 -0.22 0.00	41.31 -0.44 0.00	38.38 -0.62 0.00	34.23 -0.62 0.00	30.68 -0.66 0.00	31.24 -0.52 0.00	31.68 -0.68 0.00	30.25 -0.78 0.00	28.56 -0.68 0.00	33.99 -0.87 0.00	66.49 -1.70 0.00	50.06 -1.26 0.00	54.54 -1.40 0.00	48.41 -1.37 0.00	35.47 -1.03 0.00	38.18 -1.35 0.00	38.10 -1.54 0.00	36.63 -1.51 -0.02	35.50 -1.13 0.00
RUSSELL___STATION 23914	18.18 -0.53 0.00	8.04 -0.28 1.03	12.08 -0.31 0.00	12.76 -0.31 0.00	18.60 -0.34 0.00	31.25 -0.22 0.00	41.31 -0.44 0.00	38.38 -0.62 0.00	34.23 -0.62 0.00	30.68 -0.66 0.00	31.24 -0.52 0.00	31.68 -0.68 0.00	30.25 -0.78 0.00	28.56 -0.68 0.00	33.99 -0.87 0.00	66.49 -1.70 0.00	50.06 -1.26 0.00	54.54 -1.40 0.00	48.41 -1.37 0.00	35.47 -1.03 0.00	38.18 -1.35 0.00	38.10 -1.54 0.00	36.63 -1.51 -0.02	35.50 -1.13 0.00
S SALMON___HYD 24043	18.33 -0.38 0.00	8.95 -0.27 0.13	12.04 -0.35 0.00	12.63 -0.43 0.00	18.32 -0.62 0.00	30.49 -0.98 0.00	40.48 -1.26 0.00	37.87 -1.14 0.00	33.90 -0.95 0.00	30.48 -0.87 0.00	30.81 -0.95 0.00	31.39 -0.97 0.00	29.94 -1.09 0.00	28.17 -1.07 0.00	33.51 -1.34 0.00	66.25 -1.94 0.00	50.63 -0.68 0.00	55.25 -0.70 0.00	48.97 -0.81 0.00	35.74 -0.76 0.00	38.84 -0.69 0.00	38.87 -0.77 0.00	37.34 -0.78 -0.01	35.90 -0.73 0.00
S.PERRY___115KV_TB1 80734	18.28 -0.43 0.00	6.56 -0.23 2.56	12.15 -0.23 0.00	12.84 -0.22 0.00	18.76 -0.18 0.00	31.90 0.43 0.00	42.34 0.59 0.00	39.54 0.53 0.00	35.19 0.34 0.00	31.04 -0.31 0.00	31.64 -0.12 0.00	31.95 -0.42 0.00	30.47 -0.56 0.00	28.76 -0.48 0.00	34.30 -0.55 0.00	67.99 -0.20 0.00	51.62 0.30 0.00	56.70 0.75 0.00	50.31 0.53 0.00	36.80 0.30 0.00	39.54 0.01 0.00	39.20 -0.44 0.00	37.58 -0.57 -0.03	36.59 -0.05 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.57 -1.14 0.00	7.11 -0.57 1.67	11.73 -0.66 0.00	12.41 -0.65 0.00	18.18 -0.77 0.00	30.82 -0.65 0.00	40.55 -1.20 0.00	37.51 -1.50 0.00	33.44 -1.41 0.00	29.96 -1.39 0.00	30.68 -1.08 0.00	31.05 -1.31 0.00	29.52 -1.51 0.00	27.88 -1.36 0.00	33.12 -1.74 0.00	64.62 -3.58 0.00	48.56 -2.76 0.00	52.76 -3.18 0.00	46.75 -3.04 0.00	34.33 -2.17 0.00	36.82 -2.72 0.00	36.71 -2.93 0.00	35.45 -2.69 -0.03	34.75 -1.89 0.00

SAWYER___23_KV_LOAD 55526	17.57 -1.14 0.00	7.11 -0.57 1.67	11.73 -0.66 0.00	12.41 -0.65 0.00	18.18 -0.77 0.00	30.82 -0.65 0.00	40.55 -1.20 0.00	37.51 -1.50 0.00	33.44 -1.41 0.00	29.96 -1.39 0.00	30.68 -1.08 0.00	31.05 -1.31 0.00	29.52 -1.51 0.00	27.88 -1.36 0.00	33.12 -1.74 0.00	64.62 -3.58 0.00	48.56 -2.76 0.00	52.76 -3.18 0.00	46.75 -3.04 0.00	34.33 -2.17 0.00	36.82 -2.72 0.00	36.71 -2.93 0.00	35.45 -2.69 -0.03	34.75 -1.89 0.00
SELKIRK___I 23801	19.20 0.49 0.00	9.66 0.26 -0.04	12.75 0.36 0.00	13.45 0.39 0.00	19.53 0.58 0.00	32.43 0.96 0.00	43.01 1.26 0.00	40.16 1.16 0.00	35.87 1.02 0.00	32.38 0.92 -0.11	32.85 0.98 -0.11	33.54 1.08 -0.10	33.86 0.99 -1.84	32.89 0.82 -2.83	35.88 1.02 0.00	70.28 2.09 0.00	52.79 1.48 0.00	57.45 1.51 0.00	51.12 1.34 0.00	37.54 1.05 0.00	40.74 1.21 0.00	40.97 1.33 0.00	39.75 1.41 -0.23	37.89 1.25 0.00
SELKIRK___II 23799	19.10 0.39 0.00	9.61 0.21 -0.04	12.67 0.28 0.00	13.37 0.30 0.00	19.39 0.44 0.00	32.20 0.73 0.00	42.70 0.95 0.00	39.91 0.90 0.00	35.68 0.83 0.00	32.23 0.78 -0.11	32.80 0.94 -0.10	33.48 1.02 -0.09	33.73 0.97 -1.74	32.75 0.83 -2.68	35.84 0.98 0.00	69.91 1.72 0.00	52.48 1.16 0.00	57.15 1.21 0.00	50.89 1.11 0.00	37.36 0.86 0.00	40.54 1.00 0.00	40.76 1.12 0.00	39.54 1.20 -0.23	37.67 1.03 0.00
SENECA OSWGO___HYD 24041	18.35 -0.36 0.00	9.13 -0.19 0.04	12.15 -0.24 0.00	12.81 -0.26 0.00	18.57 -0.38 0.00	30.82 -0.65 0.00	40.82 -0.93 0.00	38.09 -0.91 0.00	34.01 -0.84 0.00	30.58 -0.77 0.00	30.90 -0.86 0.00	31.44 -0.92 0.00	30.11 -0.92 0.00	28.43 -0.81 0.00	33.81 -1.05 0.00	66.33 -1.86 0.00	50.02 -1.29 0.00	54.63 -1.31 0.00	48.55 -1.23 0.00	35.57 -0.93 0.00	38.48 -1.05 0.00	38.52 -1.12 0.00	36.98 -1.15 -0.02	35.57 -1.06 0.00
SENECA___115KV_TB3 355854	17.78 -0.93 0.00	7.10 -0.46 1.79	11.86 -0.53 0.00	12.55 -0.51 0.00	18.38 -0.57 0.00	31.23 -0.24 0.00	41.14 -0.61 0.00	38.13 -0.88 0.00	33.99 -0.86 0.00	30.43 -0.91 0.00	31.15 -0.61 0.00	31.52 -0.85 0.00	29.98 -1.04 0.00	28.34 -0.90 0.00	33.70 -1.16 0.00	65.80 -2.39 0.00	49.50 -1.82 0.00	53.85 -2.10 0.00	47.68 -2.10 0.00	35.01 -1.49 0.00	37.50 -2.03 0.00	37.36 -2.28 0.00	36.05 -2.09 -0.03	35.29 -1.34 0.00
SENECA___ENERGY 23797	18.42 -0.29 0.00	8.81 -0.16 0.39	12.20 -0.19 0.00	12.88 -0.18 0.00	18.74 -0.21 0.00	31.33 -0.13 0.00	41.56 -0.19 0.00	38.87 -0.14 0.00	34.62 -0.23 0.00	30.96 -0.38 0.00	31.30 -0.46 0.00	31.84 -0.52 0.00	30.41 -0.62 0.00	28.74 -0.49 0.00	34.26 -0.60 0.00	67.32 -0.87 0.00	50.80 -0.52 0.00	55.64 -0.30 0.00	49.37 -0.41 0.00	36.17 -0.32 0.00	39.03 -0.50 0.00	38.96 -0.68 0.00	37.34 -0.80 -0.02	36.04 -0.59 0.00
SHOEMAKER___GT 23640	19.47 0.76 0.00	9.75 0.37 -0.03	12.83 0.44 0.00	13.54 0.47 0.00	19.63 0.68 0.00	32.69 1.22 0.00	43.40 1.66 0.00	40.65 1.64 0.00	36.35 1.50 0.00	31.71 1.40 1.03	32.20 1.40 0.96	32.14 1.41 1.64	15.70 1.35 16.68	4.80 1.30 25.74	36.50 1.64 0.00	71.18 2.99 0.00	53.61 2.29 0.00	58.70 2.76 0.00	52.33 2.54 0.00	38.31 1.81 0.00	41.41 1.88 0.00	41.54 1.91 0.00	40.07 1.78 -0.18	38.06 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	19.46 0.75 0.00	9.75 0.36 -0.03	12.83 0.44 0.00	13.53 0.47 0.00	19.62 0.67 0.00	32.67 1.21 0.00	43.38 1.64 0.00	40.63 1.63 0.00	36.34 1.49 0.00	31.27 1.39 1.46	31.80 1.40 1.36	31.80 1.42 1.98	8.76 1.37 23.64	-5.92 1.32 36.48	36.51 1.65 0.00	71.16 2.96 0.00	53.57 2.26 0.00	58.66 2.72 0.00	52.30 2.52 0.00	38.29 1.80 0.00	41.39 1.86 0.00	41.52 1.88 0.00	40.04 1.75 -0.18	38.04 1.41 0.00
SHOREHAM_IC_1 23715	20.12 1.41 0.00	10.03 0.64 -0.04	13.16 0.77 0.00	13.88 0.82 0.00	20.15 1.20 0.00	33.82 2.35 0.00	45.13 3.38 0.00	41.45 2.44 0.00	37.99 3.14 0.00	34.73 3.07 -0.31	35.04 2.98 -0.29	36.48 3.16 -0.96	44.58 2.99 -10.56	39.85 2.79 -7.82	42.49 3.31 -4.33	74.17 5.31 -0.67	54.78 3.46 0.00	59.88 3.93 0.00	50.34 3.86 3.31	38.66 2.85 0.69	43.57 3.52 -0.52	42.78 3.14 0.00	41.53 3.22 -0.20	39.17 2.54 0.00
SHOREHAM_IC_2 23716	20.12 1.41 0.00	10.03 0.64 -0.04	13.16 0.77 0.00	13.88 0.82 0.00	20.15 1.20 0.00	33.82 2.35 0.00	45.13 3.38 0.00	41.45 2.44 0.00	37.99 3.14 0.00	34.73 3.07 -0.31	35.04 2.98 -0.29	36.48 3.16 -0.96	44.58 2.99 -10.56	39.85 2.79 -7.82	42.49 3.31 -4.33	74.17 5.31 -0.67	54.78 3.46 0.00	59.88 3.93 0.00	50.34 3.86 3.31	38.66 2.85 0.69	43.57 3.52 -0.52	42.78 3.14 0.00	41.53 3.22 -0.20	39.17 2.54 0.00
SISSONVILLE____ 23735	17.28 -1.43 0.00	7.20 -0.82 1.34	11.52 -0.87 0.00	12.15 -0.92 0.00	17.67 -1.28 0.00	29.64 -1.83 0.00	40.28 -1.47 0.00	37.60 -1.41 0.00	32.85 -2.00 0.00	28.98 -2.36 0.00	29.48 -2.28 0.00	29.97 -2.40 0.00	28.89 -2.14 0.00	27.24 -2.00 0.00	32.52 -2.34 0.00	64.52 -3.67 0.00	49.48 -1.83 0.00	52.99 -2.95 0.00	47.12 -2.66 0.00	34.38 -2.12 0.00	37.70 -1.83 0.00	37.76 -1.88 0.00	36.82 -1.29 0.00	36.97 0.34 0.00
SITHE_IND_GS1 24169	18.20 -0.51 0.00	9.10 -0.25 0.00	12.05 -0.33 0.00	12.71 -0.36 0.00	18.42 -0.53 0.00	30.52 -0.95 0.00	40.40 -1.35 0.00	37.65 -1.35 0.00	33.63 -1.22 0.00	30.28 -1.07 0.00	30.64 -1.12 0.00	31.18 -1.19 0.00	29.88 -1.15 0.00	28.21 -1.03 0.00	33.54 -1.32 0.00	65.66 -2.54 0.00	49.46 -1.86 0.00	53.94 -2.00 0.00	47.94 -1.84 0.00	35.14 -1.36 0.00	38.03 -1.51 0.00	38.09 -1.55 0.00	36.60 -1.53 -0.01	35.27 -1.36 0.00
SITHE_IND_GS2 24170	18.20 -0.51 0.00	9.10 -0.25 0.00	12.05 -0.33 0.00	12.71 -0.36 0.00	18.42 -0.53 0.00	30.52 -0.95 0.00	40.40 -1.35 0.00	37.65 -1.35 0.00	33.63 -1.22 0.00	30.28 -1.07 0.00	30.64 -1.12 0.00	31.18 -1.19 0.00	29.88 -1.15 0.00	28.21 -1.03 0.00	33.54 -1.32 0.00	65.66 -2.54 0.00	49.46 -1.86 0.00	53.94 -2.00 0.00	47.94 -1.84 0.00	35.14 -1.36 0.00	38.03 -1.51 0.00	38.09 -1.55 0.00	36.60 -1.53 -0.01	35.27 -1.36 0.00
SITHE_IND_GS3 24171	18.20 -0.51 0.00	9.10 -0.25 0.00	12.05 -0.33 0.00	12.71 -0.36 0.00	18.42 -0.53 0.00	30.52 -0.95 0.00	40.40 -1.35 0.00	37.65 -1.35 0.00	33.63 -1.22 0.00	30.28 -1.07 0.00	30.64 -1.12 0.00	31.18 -1.19 0.00	29.88 -1.15 0.00	28.21 -1.03 0.00	33.54 -1.32 0.00	65.66 -2.54 0.00	49.46 -1.86 0.00	53.94 -2.00 0.00	47.94 -1.84 0.00	35.14 -1.36 0.00	38.03 -1.51 0.00	38.09 -1.55 0.00	36.60 -1.53 -0.01	35.27 -1.36 0.00
SITHE_IND_GS4 24172	18.20 -0.51 0.00	9.10 -0.25 0.00	12.05 -0.33 0.00	12.71 -0.36 0.00	18.42 -0.53 0.00	30.52 -0.95 0.00	40.40 -1.35 0.00	37.65 -1.35 0.00	33.63 -1.22 0.00	30.28 -1.07 0.00	30.64 -1.12 0.00	31.18 -1.19 0.00	29.88 -1.15 0.00	28.21 -1.03 0.00	33.54 -1.32 0.00	65.66 -2.54 0.00	49.46 -1.86 0.00	53.94 -2.00 0.00	47.94 -1.84 0.00	35.14 -1.36 0.00	38.03 -1.51 0.00	38.09 -1.55 0.00	36.60 -1.53 -0.01	35.27 -1.36 0.00

SITHE___BATAVIA 24024	18.13 -0.58 0.00	7.72 -0.28 1.34	12.08 -0.31 0.00	12.77 -0.30 0.00	18.68 -0.27 0.00	31.61 0.14 0.00	41.74 -0.01 0.00	38.71 -0.29 0.00	34.46 -0.39 0.00	30.78 -0.56 0.00	31.24 -0.52 0.00	31.61 -0.75 0.00	30.21 -0.82 0.00	28.53 -0.71 0.00	33.98 -0.88 0.00	66.52 -1.67 0.00	50.18 -1.11 0.03	54.63 -1.31 0.00	48.45 -1.34 0.00	35.51 -0.97 0.01	38.11 -1.42 0.00	37.96 -1.68 0.00	36.53 -1.61 -0.03	35.25 -0.97 0.41
SITHE___INDEPEND 23800	18.20 -0.51 0.00	9.10 -0.25 0.00	12.05 -0.33 0.00	12.71 -0.36 0.00	18.42 -0.53 0.00	30.52 -0.95 0.00	40.40 -1.35 0.00	37.65 -1.36 0.00	33.63 -1.22 0.00	30.28 -1.07 0.00	30.64 -1.12 0.00	31.18 -1.19 0.00	29.88 -1.15 0.00	28.21 -1.02 0.00	33.54 -1.32 0.00	65.66 -2.54 0.00	49.46 -1.86 0.00	53.94 -2.00 0.00	47.94 -1.84 0.00	35.14 -1.36 0.00	38.03 -1.51 0.00	38.09 -1.55 0.00	36.60 -1.52 -0.01	35.27 -1.36 0.00
SITHE___MASSENA 23902	17.23 -1.48 0.00	6.93 -0.81 1.61	11.53 -0.86 0.00	12.19 -0.87 0.00	17.73 -1.22 0.00	29.71 -1.76 0.00	40.31 -1.44 0.00	37.57 -1.44 0.00	32.76 -2.09 0.00	28.94 -2.40 0.00	29.49 -2.27 0.00	29.96 -2.40 0.00	28.92 -2.11 0.00	27.28 -1.96 0.00	32.59 -2.27 0.00	64.25 -3.94 0.00	49.02 -2.29 0.00	52.36 -3.58 0.00	46.63 -3.15 0.00	34.06 -2.43 0.00	37.36 -2.18 0.00	37.44 -2.20 0.00	36.58 -1.54 0.00	36.92 0.28 0.00
SITHE___OGDNSBRG 24021	17.49 -1.22 0.00	7.21 -0.70 1.44	11.68 -0.70 0.00	12.35 -0.72 0.00	17.97 -0.98 0.00	30.18 -1.29 0.00	41.08 -0.67 0.00	38.32 -0.69 0.00	33.28 -1.57 0.00	29.05 -2.29 0.00	29.54 -2.22 0.00	30.04 -2.32 0.00	29.05 -1.98 0.00	27.43 -1.81 0.00	32.79 -2.07 0.00	65.07 -3.12 0.00	50.08 -1.23 0.00	53.62 -2.32 0.00	47.69 -2.09 0.00	34.81 -1.69 0.00	38.16 -1.37 0.00	38.19 -1.45 0.00	37.26 -0.86 0.00	37.51 0.88 0.00
SITHE___STERLING 23777	18.99 0.28 0.00	9.42 0.13 0.06	12.60 0.21 0.00	13.27 0.20 0.00	19.25 0.30 0.00	32.07 0.60 0.00	42.72 0.97 0.00	39.99 0.98 0.00	35.83 0.98 0.00	31.99 0.65 0.00	32.26 0.50 0.00	32.85 0.48 0.00	31.45 0.42 0.00	29.59 0.36 0.00	35.37 0.51 0.00	69.66 1.47 0.00	52.80 1.48 0.00	57.52 1.58 0.00	51.06 1.28 0.00	37.34 0.84 0.00	40.42 0.89 0.00	40.45 0.81 0.00	38.83 0.71 -0.01	37.30 0.66 0.00
SLEIGHT__34_KV_TB1 80719	18.24 -0.47 0.00	8.54 -0.25 0.57	12.09 -0.30 0.00	12.77 -0.29 0.00	18.60 -0.35 0.00	31.12 -0.35 0.00	41.24 -0.51 0.00	38.40 -0.61 0.00	34.25 -0.60 0.00	30.68 -0.66 0.00	31.14 -0.62 0.00	31.64 -0.73 0.00	30.22 -0.81 0.00	28.56 -0.67 0.00	34.00 -0.85 0.00	66.67 -1.53 0.00	50.21 -1.11 0.00	54.78 -1.16 0.00	48.63 -1.15 0.00	35.61 -0.88 0.00	38.40 -1.14 0.00	38.35 -1.29 0.00	36.81 -1.33 -0.02	35.57 -1.06 0.00
SOUTH CAIRO___GT 23612	19.81 1.10 0.00	9.97 0.57 -0.04	13.17 0.78 0.00	13.91 0.85 0.00	20.23 1.28 0.00	33.70 2.23 0.00	44.86 3.11 0.00	42.00 2.99 0.00	37.53 2.68 0.00	33.68 2.20 -0.14	33.97 2.08 -0.13	34.64 2.16 -0.11	34.99 1.77 -2.20	34.07 1.45 -3.39	36.76 1.90 0.00	72.97 4.78 0.00	55.18 3.86 0.00	60.16 4.21 0.00	53.48 3.70 0.00	39.19 2.70 0.00	42.54 3.01 0.00	42.70 3.07 0.00	41.35 3.02 -0.22	39.38 2.74 0.00
SOUTH HAMPTN___IC 23720	20.08 1.37 0.00	10.01 0.62 -0.04	13.14 0.75 0.00	13.90 0.83 0.00	20.21 1.26 0.00	34.12 2.65 0.00	45.77 4.02 0.00	42.13 3.13 0.00	38.40 3.56 0.00	35.05 3.40 -0.31	35.29 3.24 -0.29	36.67 3.35 -0.96	44.82 3.24 -10.55	40.03 2.96 -7.82	42.55 3.37 -4.32	74.60 5.74 -0.67	55.27 3.96 0.00	60.62 4.68 0.00	51.18 4.76 3.36	39.42 3.62 0.70	44.33 4.31 -0.48	43.59 3.96 0.00	42.26 3.95 -0.20	39.84 3.20 0.00
SOUTHDOW_115KV_TB1 355954	18.28 -0.43 0.00	7.05 -0.26 2.05	12.11 -0.28 0.00	12.91 -0.15 0.00	19.02 0.07 0.00	32.56 1.09 0.00	43.07 1.32 0.00	40.02 1.01 0.00	35.71 0.86 0.00	32.01 0.67 0.00	32.60 0.84 0.00	33.03 0.66 0.00	31.38 0.35 0.00	29.73 0.50 0.00	35.41 0.55 0.00	69.09 0.90 0.00	51.91 0.59 0.00	56.65 0.70 0.00	50.15 0.37 0.00	36.58 0.08 0.00	38.85 -0.69 0.00	38.69 -0.95 0.00	37.57 -0.58 -0.03	36.68 0.04 0.00
SOUTHOLD_69_KV_BK 2 55809	19.89 1.19 0.00	9.92 0.53 -0.04	13.01 0.62 0.00	13.81 0.75 0.00	20.13 1.18 0.00	34.20 2.73 0.00	46.15 4.40 0.00	42.55 3.54 0.00	38.65 3.80 0.00	35.26 3.60 -0.31	35.39 3.34 -0.29	36.70 3.38 -0.96	44.89 3.32 -10.55	40.03 2.97 -7.82	42.37 3.19 -4.32	74.43 5.57 -0.67	55.29 3.98 0.00	60.88 4.94 0.00	51.74 5.31 3.35	39.96 4.16 0.70	44.89 4.88 -0.48	44.17 4.54 0.00	42.79 4.48 -0.20	40.31 3.68 0.00
SOUTHOLD___IC 23719	19.89 1.19 0.00	9.92 0.52 -0.04	13.01 0.62 0.00	13.81 0.75 0.00	20.13 1.18 0.00	34.20 2.73 0.00	46.15 4.40 0.00	42.55 3.54 0.00	38.65 3.80 0.00	35.26 3.60 -0.31	35.39 3.34 -0.29	36.70 3.38 -0.96	44.89 3.32 -10.55	40.03 2.97 -7.82	42.37 3.19 -4.32	74.43 5.57 -0.67	55.29 3.97 0.00	60.88 4.94 0.00	51.71 5.28 3.35	39.94 4.14 0.70	44.90 4.88 -0.48	44.17 4.53 0.00	42.79 4.48 -0.20	40.31 3.67 0.00
SOUTH_FORK_WT_PWR 323839	19.60 0.90 0.00	9.77 0.38 -0.04	12.82 0.43 0.00	13.65 0.58 0.00	19.92 0.98 0.00	34.04 2.58 0.00	46.16 4.41 0.00	42.56 3.55 0.00	38.59 3.74 0.00	35.18 3.52 -0.31	35.26 3.21 -0.29	36.51 3.20 -0.96	44.75 3.18 -10.55	39.83 2.77 -7.82	41.95 2.77 -4.32	73.71 4.85 -0.67	54.82 3.50 0.00	60.54 4.60 0.00	51.65 5.22 3.35	40.02 4.23 0.70	45.03 5.01 -0.48	44.32 4.67 0.00	42.94 4.63 -0.20	40.45 3.81 0.00
SPIERFLS_115KV_TB 1 80737	19.89 1.17 0.00	9.99 0.59 -0.05	13.15 0.77 0.00	13.87 0.80 0.00	20.15 1.20 0.00	33.85 2.39 0.00	45.07 3.32 0.00	42.13 3.12 0.00	37.65 2.80 0.00	33.68 2.24 -0.10	33.90 2.05 -0.09	34.68 2.23 -0.08	34.63 2.02 -1.58	33.47 1.79 -2.43	37.20 2.34 0.00	73.25 5.06 0.00	55.25 3.94 0.00	60.00 4.06 0.00	53.37 3.59 0.00	39.24 2.74 0.00	42.53 3.00 0.00	42.59 2.95 0.00	41.06 2.70 -0.24	39.06 2.42 0.00
ST LAWRENCE____ 23600	17.03 -1.68 0.00	6.76 -0.91 1.68	11.39 -0.99 0.00	12.06 -1.01 0.00	17.54 -1.42 0.00	29.35 -2.12 0.00	39.81 -1.94 0.00	37.10 -1.91 0.00	32.37 -2.48 0.00	28.63 -2.71 0.00	29.18 -2.58 0.00	29.64 -2.72 0.00	28.61 -2.42 0.00	27.00 -2.24 0.00	32.25 -2.61 0.00	63.48 -4.72 0.00	48.37 -2.95 0.00	51.65 -4.29 0.00	46.03 -3.75 0.00	33.64 -2.86 0.00	36.90 -2.64 0.00	36.98 -2.66 0.00	36.12 -1.99 0.00	36.48 -0.15 0.00
STATE_CA_115KV_115_LB 55624	19.14 0.42 0.00	9.62 0.22 -0.05	12.69 0.30 0.00	13.40 0.33 0.00	19.44 0.49 0.00	32.27 0.80 0.00	42.82 1.07 0.00	40.01 1.01 0.00	35.78 0.94 0.00	32.34 0.88 -0.10	32.97 1.11 -0.10	33.67 1.23 -0.09	33.90 1.16 -1.71	32.86 0.99 -2.63	36.03 1.17 0.00	70.19 2.00 0.00	52.64 1.32 0.00	57.32 1.38 0.00	51.03 1.25 0.00	37.46 0.96 0.00	40.68 1.14 0.00	40.94 1.30 0.00	39.77 1.42 -0.23	37.88 1.24 0.00

STATE_ST_34_KV_LOAD 55959	18.74 0.03 0.00	9.89 0.00 -0.53	12.38 -0.01 0.00	13.08 0.02 0.00	19.02 0.07 0.00	31.56 0.09 0.00	41.82 0.07 0.00	39.07 0.07 0.00	34.84 -0.01 0.00	31.18 -0.16 0.00	31.51 -0.25 0.00	32.07 -0.29 0.00	30.68 -0.35 0.00	28.99 -0.25 0.00	34.55 -0.31 0.00	67.89 -0.30 0.00	51.25 -0.06 0.00	56.05 0.11 0.00	49.78 0.00 0.00	36.46 -0.04 0.00	39.41 -0.13 0.00	39.41 -0.23 0.00	37.79 -0.34 -0.02	36.38 -0.26 0.00
STATION_5_MISC_HYD 23604	18.09 -0.62 0.00	8.01 -0.32 1.03	12.03 -0.36 0.00	12.71 -0.36 0.00	18.53 -0.42 0.00	31.12 -0.35 0.00	41.11 -0.64 0.00	38.20 -0.81 0.00	34.06 -0.79 0.00	30.55 -0.80 0.00	31.09 -0.67 0.00	31.55 -0.81 0.00	30.17 -0.86 0.00	28.45 -0.79 0.00	33.82 -1.04 0.00	66.16 -2.04 0.00	49.76 -1.54 0.02	54.22 -1.72 0.00	48.13 -1.65 0.00	35.26 -1.23 0.01	37.97 -1.56 0.00	37.90 -1.74 0.00	36.44 -1.70 -0.02	35.08 -1.28 0.27
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.37 -0.34 0.00	8.17 -0.18 1.00	12.19 -0.20 0.00	12.88 -0.19 0.00	18.76 -0.19 0.00	31.46 -0.01 0.00	41.67 -0.08 0.00	38.86 -0.14 0.00	34.64 -0.21 0.00	31.02 -0.32 0.00	31.47 -0.29 0.00	31.95 -0.41 0.00	30.52 -0.51 0.00	28.82 -0.42 0.00	34.31 -0.55 0.00	67.30 -0.89 0.00	50.72 -0.59 0.00	55.38 -0.56 0.00	49.15 -0.64 0.00	36.01 -0.49 0.00	38.81 -0.73 0.00	38.72 -0.91 0.00	37.17 -0.97 -0.02	35.95 -0.68 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.03 -0.68 0.00	8.00 -0.35 1.01	11.98 -0.41 0.00	12.66 -0.41 0.00	18.45 -0.50 0.00	30.96 -0.51 0.00	40.93 -0.82 0.00	38.05 -0.96 0.00	33.93 -0.91 0.00	30.43 -0.91 0.00	30.97 -0.79 0.00	31.43 -0.94 0.00	30.01 -1.02 0.00	28.33 -0.91 0.00	33.71 -1.15 0.00	65.96 -2.24 0.00	49.64 -1.68 0.00	54.07 -1.87 0.00	48.00 -1.78 0.00	35.17 -1.33 0.00	37.87 -1.67 0.00	37.81 -1.83 0.00	36.34 -1.79 -0.02	35.23 -1.41 0.00
STA_56___34_KV_BUS2 355983	18.03 -0.68 0.00	8.00 -0.35 1.01	11.98 -0.41 0.00	12.66 -0.41 0.00	18.45 -0.50 0.00	30.96 -0.51 0.00	40.93 -0.82 0.00	38.05 -0.96 0.00	33.93 -0.91 0.00	30.43 -0.91 0.00	30.97 -0.79 0.00	31.43 -0.94 0.00	30.01 -1.02 0.00	28.33 -0.91 0.00	33.71 -1.15 0.00	65.96 -2.24 0.00	49.64 -1.68 0.00	54.07 -1.87 0.00	48.00 -1.78 0.00	35.17 -1.33 0.00	37.87 -1.67 0.00	37.81 -1.83 0.00	36.34 -1.79 -0.02	35.23 -1.41 0.00
STA_67___115KV_BK2 355882	18.05 -0.66 0.00	7.99 -0.34 1.03	12.01 -0.38 0.00	12.68 -0.39 0.00	18.49 -0.46 0.00	31.04 -0.43 0.00	41.02 -0.73 0.00	38.11 -0.90 0.00	33.99 -0.87 0.00	30.47 -0.88 0.00	31.02 -0.74 0.00	31.47 -0.90 0.00	30.05 -0.98 0.00	28.36 -0.88 0.00	33.73 -1.13 0.00	65.98 -2.22 0.00	49.66 -1.66 0.00	54.08 -1.87 0.00	48.01 -1.77 0.00	35.18 -1.32 0.00	37.87 -1.66 0.00	37.82 -1.82 0.00	36.37 -1.77 -0.02	35.28 -1.36 0.00
STA_7___115KV_9TRANS 80674	18.18 -0.53 0.00	8.04 -0.28 1.03	12.08 -0.31 0.00	12.76 -0.31 0.00	18.60 -0.34 0.00	31.25 -0.22 0.00	41.31 -0.44 0.00	38.38 -0.62 0.00	34.23 -0.62 0.00	30.68 -0.66 0.00	31.24 -0.52 0.00	31.68 -0.68 0.00	30.25 -0.78 0.00	28.56 -0.68 0.00	33.99 -0.87 0.00	66.49 -1.70 0.00	50.06 -1.26 0.00	54.54 -1.40 0.00	48.41 -1.37 0.00	35.47 -1.03 0.00	38.18 -1.35 0.00	38.10 -1.54 0.00	36.63 -1.51 -0.02	35.50 -1.13 0.00
STA_82___115KV_TB1 80780	18.06 -0.65 0.00	7.98 -0.34 1.04	12.01 -0.38 0.00	12.68 -0.38 0.00	18.49 -0.46 0.00	31.06 -0.41 0.00	41.04 -0.71 0.00	38.13 -0.88 0.00	34.00 -0.85 0.00	30.48 -0.86 0.00	31.02 -0.74 0.00	31.47 -0.89 0.00	30.05 -0.98 0.00	28.37 -0.87 0.00	33.74 -1.12 0.00	66.02 -2.18 0.00	49.67 -1.65 0.00	54.10 -1.84 0.00	48.03 -1.75 0.00	35.19 -1.30 0.00	37.89 -1.64 0.00	37.82 -1.82 0.00	36.38 -1.76 -0.02	35.28 -1.36 0.00
STEEL___WIND 323596	17.74 -0.96 0.00	7.09 -0.47 1.79	11.84 -0.55 0.00	12.52 -0.55 0.00	18.35 -0.60 0.00	31.17 -0.30 0.00	41.04 -0.71 0.00	38.07 -0.94 0.00	33.94 -0.91 0.00	30.38 -0.96 0.00	31.09 -0.67 0.00	31.45 -0.91 0.00	30.00 -1.03 0.00	28.30 -0.94 0.00	33.63 -1.23 0.00	65.66 -2.54 0.00	49.37 -1.91 0.04	53.80 -2.15 0.00	47.61 -2.18 0.00	34.96 -1.52 0.02	37.45 -2.08 0.00	37.31 -2.33 0.00	35.99 -2.15 -0.03	34.65 -1.40 0.59
STEPHTWN_115KV_BK_2 55603	19.30 0.59 0.00	9.68 0.28 -0.04	12.75 0.37 0.00	13.49 0.42 0.00	19.57 0.62 0.00	32.62 1.15 0.00	43.39 1.64 0.00	40.40 1.39 0.00	36.10 1.25 0.00	32.58 1.12 -0.11	33.20 1.34 -0.10	33.91 1.45 -0.09	34.16 1.37 -1.76	33.16 1.21 -2.72	36.34 1.48 0.00	70.86 2.66 0.00	53.18 1.86 0.00	57.90 1.96 0.00	51.54 1.76 0.00	37.83 1.34 0.00	41.04 1.50 0.00	41.31 1.67 0.00	40.10 1.75 -0.23	38.11 1.47 0.00
STEUBEN_REC_LFGE 323667	17.32 -1.39 0.00	3.04 -0.67 5.65	11.56 -0.83 0.00	12.23 -0.84 0.00	17.91 -1.04 0.00	30.88 -0.58 0.00	40.95 -0.80 0.00	38.55 -0.45 0.00	34.33 -0.52 0.00	30.55 -0.80 0.00	31.10 -0.66 0.00	31.59 -0.77 0.00	30.10 -0.93 0.00	28.55 -0.69 0.00	34.07 -0.79 0.00	67.52 -0.67 0.00	51.14 -0.18 0.00	56.05 0.11 0.00	49.48 -0.30 0.00	36.17 -0.33 0.00	38.77 -0.76 0.00	38.16 -1.48 0.00	36.94 -1.21 -0.04	36.18 -0.45 0.00
STILLWATER___SOLAR 323814	19.69 0.98 0.00	9.89 0.50 -0.05	13.03 0.64 0.00	13.74 0.67 0.00	19.94 1.00 0.00	33.37 1.90 0.00	44.34 2.59 0.00	41.44 2.44 0.00	37.03 2.19 0.00	33.26 1.82 -0.10	33.51 1.66 -0.09	34.25 1.81 -0.08	34.38 1.73 -1.62	33.26 1.52 -2.50	36.81 1.95 0.00	72.35 4.16 0.00	54.46 3.15 0.00	59.20 3.26 0.00	52.68 2.89 0.00	38.69 2.19 0.00	41.97 2.44 0.00	42.08 2.45 0.00	40.63 2.28 -0.24	38.63 2.00 0.00
STONY___BROOK 24151	20.18 1.47 0.00	10.06 0.67 -0.04	13.20 0.81 0.00	13.92 0.85 0.00	20.19 1.23 0.00	33.79 2.32 0.00	45.05 3.30 0.00	41.73 2.73 0.00	37.79 2.94 0.00	34.57 2.91 -0.31	34.92 2.86 -0.29	36.38 3.06 -0.96	44.52 2.93 -10.57	39.79 2.73 -7.82	42.52 3.32 -4.34	74.66 5.80 -0.67	55.29 3.97 0.00	60.50 4.55 0.00	50.90 4.33 3.21	38.97 3.13 0.66	43.68 3.56 -0.58	42.98 3.34 0.00	41.56 3.25 -0.20	39.23 2.59 0.00
STURGEON_POOL_HYD 23609	19.65 0.95 0.00	9.84 0.45 -0.04	12.93 0.54 0.00	13.62 0.55 0.00	19.75 0.80 0.00	32.92 1.45 0.00	43.76 2.01 0.00	41.02 2.01 0.00	36.72 1.88 0.00	33.33 1.79 -0.20	33.82 1.88 -0.19	34.41 1.88 -0.17	36.14 1.88 -3.24	36.00 1.77 -4.99	36.99 2.14 0.00	71.90 3.70 0.00	54.08 2.77 0.00	59.24 3.29 0.00	52.88 3.10 0.00	38.70 2.20 0.00	41.76 2.23 0.00	41.87 2.23 0.00	40.35 2.04 -0.20	38.25 1.61 0.00
ST_LAW_115_BK7_LBMP 345037	17.03 -1.68 0.00	6.78 -0.92 1.66	11.39 -0.99 0.00	12.06 -1.01 0.00	17.53 -1.42 0.00	29.35 -2.12 0.00	39.83 -1.92 0.00	37.10 -1.90 0.00	32.35 -2.50 0.00	28.61 -2.74 0.00	29.16 -2.60 0.00	29.62 -2.74 0.00	28.59 -2.43 0.00	26.98 -2.26 0.00	32.23 -2.63 0.00	63.46 -4.73 0.00	48.36 -2.96 0.00	51.62 -4.32 0.00	46.01 -3.77 0.00	33.60 -2.89 0.00	36.88 -2.66 0.00	36.97 -2.67 0.00	36.12 -1.99 0.00	36.50 -0.14 0.00

ST_LAW_115_BK8_LBMP 345038	17.03 -1.68 0.00	6.78 -0.92 1.66	11.39 -0.99 0.00	12.06 -1.01 0.00	17.53 -1.42 0.00	29.35 -2.12 0.00	39.83 -1.92 0.00	37.10 -1.90 0.00	32.35 -2.50 0.00	28.61 -2.74 0.00	29.16 -2.60 0.00	29.62 -2.74 0.00	28.59 -2.43 0.00	26.98 -2.26 0.00	32.23 -2.63 0.00	63.46 -4.73 0.00	48.36 -2.96 0.00	51.62 -4.32 0.00	46.01 -3.77 0.00	33.60 -2.89 0.00	36.88 -2.66 0.00	36.97 -2.67 0.00	36.12 -1.99 0.00	36.50 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	17.03 -1.68 0.00	6.75 -0.91 1.70	11.39 -0.99 0.00	12.06 -1.01 0.00	17.54 -1.42 0.00	29.35 -2.12 0.00	39.81 -1.94 0.00	37.10 -1.91 0.00	32.37 -2.48 0.00	28.63 -2.71 0.00	29.18 -2.58 0.00	29.64 -2.72 0.00	28.61 -2.42 0.00	27.00 -2.24 0.00	32.25 -2.61 0.00	63.48 -4.72 0.00	48.37 -2.95 0.00	51.65 -4.29 0.00	46.03 -3.75 0.00	33.64 -2.86 0.00	36.90 -2.64 0.00	36.98 -2.66 0.00	36.12 -1.99 0.00	36.48 -0.15 0.00
ST_LAW_230_BK6_LBMP 345036	17.03 -1.68 0.00	6.75 -0.91 1.70	11.39 -0.99 0.00	12.06 -1.01 0.00	17.54 -1.42 0.00	29.35 -2.12 0.00	39.81 -1.94 0.00	37.10 -1.91 0.00	32.37 -2.48 0.00	28.63 -2.71 0.00	29.18 -2.58 0.00	29.64 -2.72 0.00	28.61 -2.42 0.00	27.00 -2.24 0.00	32.25 -2.61 0.00	63.48 -4.72 0.00	48.37 -2.95 0.00	51.65 -4.29 0.00	46.03 -3.75 0.00	33.64 -2.86 0.00	36.90 -2.64 0.00	36.98 -2.66 0.00	36.12 -1.99 0.00	36.48 -0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.60 0.89 0.00	9.81 0.42 -0.04	12.90 0.51 0.00	13.60 0.54 0.00	19.73 0.78 0.00	32.89 1.42 0.00	43.68 1.93 0.00	40.91 1.90 0.00	36.59 1.74 0.00	33.40 1.64 -0.41	33.81 1.67 -0.38	33.60 1.72 0.49	39.27 1.67 -6.57	40.96 1.58 -10.14	36.80 1.94 0.00	71.60 3.40 0.00	53.88 2.56 0.00	59.07 3.13 0.00	52.68 2.90 0.00	38.55 2.06 0.00	41.65 2.12 0.00	41.78 2.14 0.00	40.31 2.01 -0.18	38.23 1.60 0.00
SWANROAD_115KV_TB1 355699	17.18 -1.53 0.00	7.07 -0.73 1.56	11.48 -0.91 0.00	12.15 -0.92 0.00	17.78 -1.17 0.00	30.14 -1.33 0.00	39.59 -2.16 0.00	36.52 -2.49 0.00	32.55 -2.30 0.00	29.15 -2.19 0.00	29.85 -1.92 0.00	30.17 -2.19 0.00	28.75 -2.28 0.00	27.13 -2.11 0.00	32.22 -2.64 0.00	62.75 -5.45 0.00	47.18 -4.14 0.00	51.21 -4.73 0.00	45.41 -4.37 0.00	33.38 -3.12 0.00	35.82 -3.71 0.00	35.74 -3.90 0.00	34.59 -3.55 -0.03	34.08 -2.56 0.00
SYNERGY___BIOGAS 323694	18.13 -0.58 0.00	7.72 -0.28 1.34	12.08 -0.31 0.00	12.77 -0.30 0.00	18.68 -0.27 0.00	31.61 0.14 0.00	41.74 -0.01 0.00	38.71 -0.29 0.00	34.46 -0.39 0.00	30.78 -0.56 0.00	31.24 -0.52 0.00	31.61 -0.75 0.00	30.21 -0.82 0.00	28.53 -0.71 0.00	33.98 -0.88 0.00	66.52 -1.67 0.00	50.18 -1.11 0.03	54.63 -1.31 0.00	48.45 -1.34 0.00	35.51 -0.97 0.01	38.11 -1.42 0.00	37.96 -1.68 0.00	36.53 -1.61 -0.03	35.25 -0.97 0.41
SYRACUSE___ENERGY_ST1 323597	18.62 -0.09 0.00	9.28 -0.05 0.02	12.32 -0.07 0.00	13.00 -0.07 0.00	18.85 -0.10 0.00	31.31 -0.15 0.00	41.50 -0.25 0.00	38.74 -0.27 0.00	34.57 -0.28 0.00	31.04 -0.30 0.00	31.40 -0.36 0.00	31.97 -0.39 0.00	30.62 -0.41 0.00	28.93 -0.31 0.00	34.44 -0.42 0.00	67.54 -0.65 0.00	50.88 -0.43 0.00	55.58 -0.36 0.00	49.39 -0.39 0.00	36.17 -0.32 0.00	39.14 -0.40 0.00	39.15 -0.49 0.00	37.58 -0.56 -0.02	36.14 -0.49 0.00
SYRACUSE___ENERGY_ST2 323598	18.62 -0.09 0.00	9.28 -0.05 0.02	12.32 -0.07 0.00	13.00 -0.07 0.00	18.85 -0.10 0.00	31.31 -0.15 0.00	41.50 -0.25 0.00	38.74 -0.27 0.00	34.57 -0.28 0.00	31.04 -0.30 0.00	31.40 -0.36 0.00	31.97 -0.39 0.00	30.62 -0.41 0.00	28.93 -0.31 0.00	34.44 -0.42 0.00	67.54 -0.65 0.00	50.88 -0.43 0.00	55.58 -0.36 0.00	49.39 -0.39 0.00	36.17 -0.32 0.00	39.14 -0.40 0.00	39.15 -0.49 0.00	37.58 -0.56 -0.02	36.14 -0.49 0.00
SYRACUSE___POWER 24017	18.61 -0.10 0.00	9.65 -0.05 -0.35	12.32 -0.06 0.00	13.00 -0.07 0.00	18.85 -0.10 0.00	31.33 -0.14 0.00	41.54 -0.21 0.00	38.77 -0.23 0.00	34.60 -0.24 0.00	31.06 -0.29 0.00	31.43 -0.33 0.00	31.99 -0.37 0.00	30.64 -0.39 0.00	28.95 -0.29 0.00	34.47 -0.39 0.00	67.61 -0.58 0.00	50.94 -0.38 0.00	55.66 -0.28 0.00	49.46 -0.32 0.00	36.22 -0.28 0.00	39.18 -0.35 0.00	39.21 -0.43 0.00	37.62 -0.51 -0.02	36.19 -0.44 0.00
TALLMAN___138KV_BK151 55660	19.68 0.97 0.00	9.85 0.46 -0.04	12.94 0.55 0.00	13.64 0.58 0.00	19.78 0.83 0.00	33.03 1.56 0.00	43.84 2.10 0.00	41.05 2.04 0.00	36.71 1.87 0.00	33.62 1.79 -0.49	34.04 1.82 -0.45	34.29 1.89 -0.04	40.75 1.83 -7.89	43.14 1.73 -12.17	36.94 2.08 0.00	71.75 3.56 0.00	53.99 2.68 0.00	59.27 3.32 0.00	52.89 3.11 0.00	38.68 2.18 0.00	41.76 2.23 0.00	41.90 2.27 0.00	40.43 2.13 -0.19	38.32 1.68 0.00
TEALLAVE_115KV_TB7 355573	18.52 -0.19 0.00	9.22 -0.10 0.03	12.26 -0.12 0.00	12.94 -0.13 0.00	18.76 -0.19 0.00	31.17 -0.30 0.00	41.31 -0.43 0.00	38.55 -0.46 0.00	34.43 -0.42 0.00	30.93 -0.41 0.00	31.31 -0.45 0.00	31.87 -0.49 0.00	30.53 -0.50 0.00	28.83 -0.41 0.00	34.31 -0.55 0.00	67.22 -0.98 0.00	50.64 -0.68 0.00	55.28 -0.66 0.00	49.13 -0.65 0.00	35.98 -0.52 0.00	38.92 -0.61 0.00	38.94 -0.69 0.00	37.39 -0.74 -0.02	35.97 -0.66 0.00
TELGRAPH_34_KV_EAST 80808	17.70 -1.01 0.00	7.43 -0.49 1.44	11.81 -0.58 0.00	12.49 -0.58 0.00	18.28 -0.67 0.00	30.96 -0.51 0.00	40.77 -0.98 0.00	37.72 -1.29 0.00	33.61 -1.24 0.00	30.07 -1.27 0.00	30.71 -1.05 0.00	31.05 -1.31 0.00	29.58 -1.45 0.00	27.93 -1.31 0.00	33.21 -1.65 0.00	64.89 -3.31 0.00	48.84 -2.48 0.00	53.06 -2.88 0.00	47.06 -2.73 0.00	34.54 -1.96 0.00	37.06 -2.47 0.00	36.94 -2.70 0.00	35.65 -2.49 -0.03	34.94 -1.70 0.00
TEMPLE___115KV_TB 2 55572	18.53 -0.18 0.00	9.23 -0.10 0.03	12.27 -0.12 0.00	12.94 -0.12 0.00	18.77 -0.18 0.00	31.19 -0.28 0.00	41.33 -0.42 0.00	38.57 -0.43 0.00	34.45 -0.39 0.00	30.95 -0.40 0.00	31.33 -0.43 0.00	31.89 -0.47 0.00	30.54 -0.48 0.00	28.85 -0.39 0.00	34.34 -0.52 0.00	67.27 -0.92 0.00	50.66 -0.66 0.00	55.33 -0.62 0.00	49.16 -0.63 0.00	36.01 -0.49 0.00	38.93 -0.60 0.00	38.98 -0.66 0.00	37.41 -0.72 -0.02	35.99 -0.64 0.00
TIANA____69_KV_BK 1 55817	20.13 1.43 0.00	10.04 0.64 -0.04	13.16 0.78 0.00	13.92 0.85 0.00	20.23 1.28 0.00	34.07 2.61 0.00	45.63 3.88 0.00	42.00 2.99 0.00	38.31 3.46 0.00	34.98 3.32 -0.31	35.23 3.18 -0.29	36.64 3.32 -0.96	44.77 3.19 -10.55	40.00 2.94 -7.82	42.58 3.40 -4.32	74.59 5.74 -0.67	55.25 3.93 0.00	60.53 4.59 0.00	51.06 4.64 3.35	39.28 3.48 0.70	44.13 4.12 -0.48	43.42 3.78 0.00	42.08 3.77 -0.20	39.67 3.03 0.00
TILDEN___115KV_TB1 80814	18.61 -0.10 0.00	9.65 -0.05 -0.35	12.32 -0.06 0.00	13.00 -0.07 0.00	18.85 -0.10 0.00	31.33 -0.14 0.00	41.54 -0.21 0.00	38.77 -0.23 0.00	34.60 -0.24 0.00	31.06 -0.29 0.00	31.43 -0.33 0.00	31.99 -0.37 0.00	30.64 -0.39 0.00	28.95 -0.29 0.00	34.47 -0.39 0.00	67.61 -0.58 0.00	50.94 -0.38 0.00	55.66 -0.28 0.00	49.46 -0.32 0.00	36.22 -0.28 0.00	39.18 -0.35 0.00	39.21 -0.43 0.00	37.62 -0.51 -0.02	36.19 -0.44 0.00

TRIGEN___CC 323695	19.97 1.25 0.00	9.96 0.57 -0.04	13.07 0.68 0.00	13.78 0.71 0.00	19.97 1.02 0.00	33.37 1.90 0.00	44.40 2.65 0.00	41.41 2.41 0.00	37.27 2.42 0.00	34.03 2.38 -0.31	34.47 2.42 -0.29	35.89 2.57 -0.96	48.27 2.49 -14.75	39.38 2.32 -7.82	45.28 2.79 -7.64	74.20 4.83 -1.18	54.69 3.37 0.00	59.80 3.85 -0.01	78.57 3.64 -25.15	46.37 2.60 -7.28	63.43 2.75 -21.14	42.41 2.77 0.00	40.99 2.68 -0.20	38.77 2.14 0.00
TRINITY___115KV___4 BK 55933	19.07 0.36 0.00	9.59 0.19 -0.04	12.65 0.26 0.00	13.36 0.29 0.00	19.37 0.43 0.00	32.17 0.71 0.00	42.66 0.91 0.00	39.85 0.85 0.00	35.64 0.79 0.00	32.21 0.76 -0.11	32.85 0.99 -0.10	33.55 1.10 -0.09	33.82 1.05 -1.75	32.81 0.88 -2.70	35.90 1.04 0.00	69.87 1.68 0.00	52.41 1.09 0.00	57.04 1.09 0.00	50.78 1.00 0.00	37.29 0.79 0.00	40.51 0.98 0.00	40.78 1.14 0.00	39.64 1.29 -0.23	37.75 1.11 0.00
UNION___PROCESSING_DRP 323587	18.06 -0.65 0.00	7.98 -0.33 1.04	12.01 -0.38 0.00	12.68 -0.38 0.00	18.50 -0.45 0.00	31.06 -0.40 0.00	41.05 -0.70 0.00	38.13 -0.88 0.00	34.00 -0.85 0.00	30.48 -0.86 0.00	31.03 -0.73 0.00	31.48 -0.88 0.00	30.06 -0.97 0.00	28.37 -0.87 0.00	33.75 -1.11 0.00	66.02 -2.17 0.00	49.69 -1.63 0.00	54.12 -1.82 0.00	48.03 -1.75 0.00	35.20 -1.29 0.00	37.90 -1.63 0.00	37.84 -1.80 0.00	36.38 -1.76 -0.02	35.30 -1.34 0.00
UPPER HUDSON___HYD 24058	19.89 1.17 0.00	10.00 0.59 -0.05	13.15 0.77 0.00	13.87 0.80 0.00	20.15 1.20 0.00	33.86 2.39 0.00	45.07 3.32 0.00	42.13 3.13 0.00	37.65 2.80 0.00	33.68 2.24 -0.10	33.90 2.05 -0.09	34.67 2.23 -0.08	34.63 2.03 -1.58	33.47 1.79 -2.43	37.20 2.34 0.00	73.25 5.06 0.00	55.25 3.94 0.00	60.00 4.06 0.00	53.37 3.59 0.00	39.24 2.74 0.00	42.53 3.00 0.00	42.59 2.95 0.00	41.06 2.70 -0.24	39.06 2.42 0.00
UPPER RAQUET___HYD 24056	17.28 -1.43 0.00	7.20 -0.82 1.34	11.52 -0.87 0.00	12.15 -0.92 0.00	17.67 -1.28 0.00	29.64 -1.83 0.00	40.28 -1.47 0.00	37.60 -1.41 0.00	32.85 -2.00 0.00	28.98 -2.36 0.00	29.48 -2.28 0.00	29.97 -2.40 0.00	28.89 -2.14 0.00	27.24 -2.00 0.00	32.52 -2.34 0.00	64.52 -3.67 0.00	49.48 -1.83 0.00	52.99 -2.95 0.00	47.11 -2.67 0.00	34.38 -2.12 0.00	37.70 -1.83 0.00	37.76 -1.88 0.00	36.83 -1.29 0.00	36.98 0.34 0.00
VALLEY44_115KV_TB2 355964	18.50 -0.21 0.00	7.14 -0.11 2.11	12.29 -0.10 0.00	13.02 -0.04 0.00	18.99 0.04 0.00	32.17 0.70 0.00	42.04 0.29 0.00	39.08 0.07 0.00	34.93 0.08 0.00	31.42 0.08 0.00	32.17 0.41 0.00	32.79 0.43 0.00	31.30 0.27 0.00	29.57 0.34 0.00	35.09 0.23 0.00	68.03 -0.16 0.00	50.67 -0.64 0.00	55.25 -0.69 0.00	48.99 -0.79 0.00	35.86 -0.63 0.00	38.46 -1.08 0.00	38.36 -1.28 0.00	36.99 -1.16 -0.03	35.90 -0.73 0.00
VALLEY___115KV_TB 1-4 80826	18.92 0.22 0.00	9.47 0.11 0.00	12.53 0.14 0.00	13.20 0.13 0.00	19.07 0.12 0.00	31.45 -0.02 0.00	41.86 0.12 0.00	39.39 0.38 0.00	35.25 0.41 0.00	31.59 0.25 0.00	31.86 0.10 0.00	32.54 0.18 0.00	31.30 0.27 0.00	29.43 0.19 0.00	35.23 0.37 0.00	69.34 1.15 0.00	52.24 0.92 0.00	57.08 1.13 0.00	50.81 1.02 0.00	37.21 0.72 0.00	40.32 0.79 0.00	40.47 0.84 0.00	38.92 0.81 0.00	37.32 0.69 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.51 0.80 0.00	10.11 0.42 -0.34	12.93 0.54 0.00	13.66 0.59 0.00	19.82 0.87 0.00	32.94 1.48 0.00	43.73 1.98 0.00	40.93 1.92 0.00	36.57 1.72 0.00	32.85 1.57 0.06	33.32 1.61 0.05	33.94 1.63 0.05	31.58 1.49 0.94	29.22 1.42 1.44	36.64 1.78 0.00	71.87 3.67 0.00	54.07 2.75 0.00	59.08 3.13 0.00	52.56 2.77 0.00	38.55 2.05 0.00	41.67 2.13 0.00	41.72 2.08 0.00	40.10 1.91 -0.08	38.39 1.75 0.00
VISCHER___FERRY HYD 24020	19.45 0.74 0.00	9.78 0.38 -0.05	12.87 0.48 0.00	13.58 0.51 0.00	19.70 0.75 0.00	32.89 1.43 0.00	43.66 1.91 0.00	40.78 1.78 0.00	36.45 1.60 0.00	32.85 1.40 -0.11	33.27 1.41 -0.10	34.00 1.55 -0.09	34.25 1.49 -1.73	33.19 1.28 -2.67	36.47 1.61 0.00	71.38 3.19 0.00	53.55 2.23 0.00	58.22 2.27 0.00	51.80 2.02 0.00	38.06 1.56 0.00	41.37 1.84 0.00	41.53 1.89 0.00	40.18 1.83 -0.24	38.18 1.55 0.00
V_A_10_SYNC_DSASP 323832	17.59 -1.12 0.00	7.54 -0.57 1.25	11.73 -0.66 0.00	12.40 -0.67 0.00	18.12 -0.83 0.00	30.55 -0.92 0.00	40.21 -1.54 0.00	37.21 -1.80 0.00	33.19 -1.66 0.00	29.78 -1.57 0.00	30.44 -1.32 0.00	30.87 -1.49 0.00	29.47 -1.56 0.00	27.77 -1.47 0.00	32.95 -1.91 0.00	64.23 -3.97 0.00	48.20 -3.09 0.03	52.41 -3.54 0.00	46.50 -3.28 0.00	34.10 -2.39 0.01	36.67 -2.86 0.00	36.61 -3.02 0.00	35.29 -2.84 -0.02	34.04 -2.17 0.43
V_CMM_10_SYNC_DSASP 323787	17.13 -1.58 0.00	6.83 -0.86 1.66	11.47 -0.92 0.00	12.13 -0.93 0.00	17.64 -1.31 0.00	29.54 -1.93 0.00	40.08 -1.67 0.00	37.34 -1.67 0.00	32.56 -2.29 0.00	28.79 -2.55 0.00	29.35 -2.41 0.00	29.81 -2.55 0.00	28.79 -2.24 0.00	27.16 -2.08 0.00	32.44 -2.42 0.00	63.87 -4.33 0.00	48.65 -2.66 0.00	51.95 -4.00 0.00	46.28 -3.50 0.00	33.82 -2.68 0.00	37.10 -2.43 0.00	37.18 -2.46 0.00	36.33 -1.78 0.00	36.71 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	17.00 -1.71 0.00	6.72 -0.96 1.67	11.33 -1.06 0.00	12.00 -1.06 0.00	17.49 -1.46 0.00	29.48 -1.99 0.00	39.97 -1.78 0.00	37.20 -1.81 0.00	32.33 -2.52 0.00	28.50 -2.85 0.00	28.96 -2.81 0.00	29.52 -2.84 0.00	28.54 -2.49 0.00	26.99 -2.25 0.00	32.43 -2.43 0.00	64.08 -4.11 0.00	49.10 -2.22 0.00	52.11 -3.83 0.00	46.63 -3.16 0.00	34.16 -2.34 0.00	37.58 -1.96 0.00	37.68 -1.96 0.00	36.83 -1.29 0.00	37.24 0.60 0.00
V_D_10_SYNC_DSASP 323841	17.23 -1.48 0.00	6.93 -0.81 1.61	11.53 -0.86 0.00	12.19 -0.87 0.00	17.73 -1.22 0.00	29.71 -1.76 0.00	40.30 -1.45 0.00	37.56 -1.44 0.00	32.76 -2.09 0.00	28.94 -2.40 0.00	29.49 -2.27 0.00	29.97 -2.39 0.00	28.92 -2.10 0.00	27.29 -1.95 0.00	32.59 -2.27 0.00	64.25 -3.94 0.00	49.01 -2.30 0.00	52.35 -3.59 0.00	46.63 -3.15 0.00	34.06 -2.44 0.00	37.36 -2.18 0.00	37.44 -2.20 0.00	36.57 -1.55 0.00	36.92 0.28 0.00
V_E_10_SYNC_DSASP 323830	19.80 1.09 0.00	12.51 0.52 -2.64	13.08 0.69 0.00	13.84 0.77 0.00	20.11 1.16 0.00	33.28 1.81 0.00	44.44 2.69 0.00	41.99 2.98 0.00	37.63 2.79 0.00	33.36 2.06 0.04	33.52 1.80 0.04	34.11 1.79 0.04	32.10 1.77 0.69	29.91 1.75 1.07	37.10 2.24 0.00	74.41 6.22 0.00	56.31 4.98 -0.01	61.68 5.73 0.00	54.31 4.53 0.00	39.69 3.20 0.00	42.76 3.23 0.00	42.57 2.93 0.00	40.72 2.55 -0.06	39.37 2.59 -0.14
V_F_30_NSYNC___DSASP 323816	19.70 0.99 0.00	9.90 0.50 -0.05	13.04 0.65 0.00	13.75 0.68 0.00	19.96 1.01 0.00	33.38 1.91 0.00	44.35 2.61 0.00	41.46 2.45 0.00	37.06 2.21 0.00	33.28 1.84 -0.10	33.56 1.71 -0.09	34.30 1.85 -0.08	34.40 1.77 -1.60	33.28 1.57 -2.47	36.86 2.00 0.00	72.42 4.23 0.00	54.51 3.20 0.00	59.28 3.34 0.00	52.73 2.94 0.00	38.72 2.23 0.00	41.99 2.46 0.00	42.10 2.46 0.00	40.65 2.30 -0.24	38.66 2.03 0.00

V_F_30_SYNC_DSASP 323786	19.13 0.42 0.00	9.62 0.22 -0.05	12.69 0.30 0.00	13.40 0.33 0.00	19.44 0.49 0.00	32.27 0.80 0.00	42.82 1.07 0.00	40.01 1.00 0.00	35.78 0.93 0.00	32.33 0.88 -0.11	32.97 1.11 -0.10	33.67 1.22 -0.09	33.90 1.16 -1.71	32.87 0.99 -2.64	36.03 1.17 0.00	70.19 1.99 0.00	52.64 1.32 0.00	57.32 1.37 0.00	51.03 1.25 0.00	37.46 0.96 0.00	40.68 1.14 0.00	40.94 1.30 0.00	39.77 1.42 -0.23	37.88 1.24 0.00
V_XM_10_SYNC_DSASP 323789	17.00 -1.71 0.00	6.72 -0.96 1.67	11.33 -1.06 0.00	12.00 -1.06 0.00	17.49 -1.46 0.00	29.48 -1.99 0.00	39.97 -1.78 0.00	37.20 -1.81 0.00	32.33 -2.52 0.00	28.50 -2.85 0.00	28.96 -2.81 0.00	29.52 -2.84 0.00	28.54 -2.49 0.00	26.99 -2.25 0.00	32.43 -2.43 0.00	64.08 -4.11 0.00	49.10 -2.22 0.00	52.11 -3.83 0.00	46.63 -3.16 0.00	34.16 -2.34 0.00	37.58 -1.96 0.00	37.68 -1.96 0.00	36.83 -1.29 0.00	37.24 0.60 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.75 1.04 0.00	9.88 0.49 -0.04	12.98 0.59 0.00	13.69 0.62 0.00	19.85 0.90 0.00	33.13 1.66 0.00	43.99 2.25 0.00	41.20 2.20 0.00	36.86 2.01 0.00	33.71 1.91 -0.45	34.14 1.95 -0.42	35.44 2.03 -1.05	40.26 1.96 -7.27	42.31 1.85 -11.21	37.08 2.22 0.00	72.06 3.87 0.00	54.22 2.91 0.00	59.50 3.56 0.00	53.09 3.31 0.00	38.83 2.33 0.00	41.93 2.40 0.00	42.06 2.42 0.00	40.58 2.27 -0.19	38.45 1.82 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.91 1.20 0.00	9.96 0.57 -0.04	13.08 0.69 0.00	13.77 0.70 0.00	19.96 1.02 0.00	33.30 1.83 0.00	44.22 2.47 0.00	41.48 2.47 0.00	37.18 2.33 0.00	33.91 2.25 -0.31	34.45 2.39 -0.29	35.83 2.50 -0.96	38.53 2.42 -5.08	39.34 2.26 -7.85	37.58 2.72 0.00	72.85 4.66 0.00	54.71 3.39 0.00	59.80 3.86 0.00	53.36 3.57 0.00	39.05 2.56 0.00	42.15 2.62 0.00	42.30 2.66 0.00	40.85 2.55 -0.20	38.70 2.06 0.00
W50THST__13_KV_LOAD 356117	20.01 1.30 0.00	10.01 0.62 -0.04	13.14 0.76 0.00	13.83 0.77 0.00	20.05 1.10 0.00	33.46 1.99 0.00	44.43 2.69 0.00	41.71 2.70 0.00	37.39 2.54 0.00	34.12 2.47 -0.31	34.67 2.62 -0.29	36.05 2.73 -0.96	38.75 2.63 -5.08	39.55 2.46 -7.85	37.82 2.96 0.00	73.32 5.13 0.00	55.04 3.73 0.00	60.16 4.22 0.00	53.65 3.87 0.00	39.26 2.77 0.00	42.36 2.83 0.00	42.52 2.88 0.00	41.05 2.74 -0.20	38.87 2.24 0.00
WADING RIVER_IC_1 23522	20.10 1.39 0.00	10.02 0.63 -0.04	13.14 0.76 0.00	13.88 0.81 0.00	20.14 1.19 0.00	33.81 2.34 0.00	45.13 3.38 0.00	41.40 2.39 0.00	38.02 3.17 0.00	34.73 3.08 -0.31	35.05 2.99 -0.29	36.48 3.16 -0.96	44.58 3.00 -10.55	39.86 2.80 -7.82	42.49 3.31 -4.32	74.10 5.24 -0.67	54.72 3.40 0.00	59.80 3.85 0.00	50.22 3.81 3.37	38.61 2.82 0.70	43.52 3.52 -0.47	42.75 3.11 0.00	41.51 3.20 -0.20	39.15 2.52 0.00
WADING RIVER_IC_2 23547	20.10 1.39 0.00	10.02 0.63 -0.04	13.14 0.76 0.00	13.88 0.81 0.00	20.14 1.19 0.00	33.81 2.34 0.00	45.13 3.38 0.00	41.40 2.39 0.00	38.02 3.17 0.00	34.73 3.08 -0.31	35.05 2.99 -0.29	36.48 3.16 -0.96	44.58 3.00 -10.55	39.86 2.80 -7.82	42.49 3.31 -4.32	74.10 5.24 -0.67	54.72 3.40 0.00	59.80 3.85 0.00	50.22 3.81 3.37	38.61 2.82 0.70	43.52 3.52 -0.47	42.75 3.11 0.00	41.51 3.20 -0.20	39.15 2.52 0.00
WADING RIVER_IC_3 23601	20.10 1.39 0.00	10.02 0.63 -0.04	13.14 0.76 0.00	13.88 0.81 0.00	20.14 1.19 0.00	33.81 2.34 0.00	45.13 3.38 0.00	41.40 2.39 0.00	38.02 3.17 0.00	34.73 3.08 -0.31	35.05 2.99 -0.29	36.48 3.16 -0.96	44.58 3.00 -10.55	39.86 2.80 -7.82	42.49 3.31 -4.32	74.10 5.24 -0.67	54.72 3.40 0.00	59.80 3.85 0.00	50.22 3.81 3.37	38.61 2.82 0.70	43.52 3.52 -0.47	42.75 3.11 0.00	41.51 3.20 -0.20	39.15 2.52 0.00
WALDENNY_12_KV_BK2 80841	17.76 -0.95 0.00	7.12 -0.47 1.77	11.85 -0.54 0.00	12.53 -0.53 0.00	18.36 -0.59 0.00	31.20 -0.27 0.00	41.08 -0.67 0.00	38.08 -0.93 0.00	33.95 -0.90 0.00	30.39 -0.96 0.00	31.11 -0.65 0.00	31.49 -0.88 0.00	29.96 -1.07 0.00	28.31 -0.92 0.00	33.65 -1.21 0.00	65.69 -2.51 0.00	49.41 -1.91 0.00	53.73 -2.22 0.00	47.59 -2.19 0.00	34.93 -1.56 0.00	37.43 -2.11 0.00	37.30 -2.34 0.00	35.99 -2.15 -0.03	35.24 -1.39 0.00
WALDEN__HYDRO 24148	19.74 1.03 0.00	9.88 0.49 -0.04	12.99 0.60 0.00	13.70 0.63 0.00	19.86 0.91 0.00	33.13 1.66 0.00	44.04 2.29 0.00	41.26 2.26 0.00	36.91 2.06 0.00	33.65 1.92 -0.39	34.07 1.95 -0.36	34.36 1.97 -0.02	39.20 1.91 -6.26	40.71 1.81 -9.67	37.07 2.21 0.00	72.21 4.01 0.00	54.37 3.05 0.00	59.58 3.64 0.00	53.15 3.37 0.00	38.91 2.41 0.00	42.01 2.48 0.00	42.13 2.49 0.00	40.63 2.32 -0.19	38.52 1.88 0.00
WARRENSBURG____ 23737	19.89 1.17 0.00	10.00 0.59 -0.05	13.15 0.77 0.00	13.87 0.80 0.00	20.15 1.20 0.00	33.86 2.39 0.00	45.07 3.32 0.00	42.13 3.13 0.00	37.65 2.80 0.00	33.68 2.24 -0.10	33.90 2.05 -0.09	34.67 2.23 -0.08	34.63 2.03 -1.58	33.47 1.79 -2.43	37.20 2.34 0.00	73.25 5.06 0.00	55.25 3.94 0.00	60.00 4.06 0.00	53.37 3.59 0.00	39.24 2.74 0.00	42.53 3.00 0.00	42.59 2.95 0.00	41.06 2.70 -0.24	39.06 2.42 0.00
WATERSIDE____6 8 9 23538	19.93 1.22 0.00	9.96 0.57 -0.04	13.09 0.70 0.00	13.77 0.70 0.00	19.96 1.01 0.00	33.27 1.80 0.00	44.20 2.45 0.00	41.47 2.47 0.00	37.16 2.31 0.00	33.90 2.24 -0.31	34.45 2.40 -0.29	35.81 2.48 -0.96	38.50 2.39 -5.08	39.30 2.23 -7.83	37.57 2.71 0.00	72.78 4.59 0.00	54.64 3.32 0.00	59.74 3.80 0.00	53.34 3.55 0.00	39.04 2.54 0.00	42.13 2.60 0.00	42.30 2.66 0.00	40.85 2.54 -0.20	38.68 2.05 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.86 0.15 0.00	9.43 0.08 0.00	12.48 0.10 0.00	13.17 0.10 0.00	19.07 0.12 0.00	31.61 0.14 0.00	41.98 0.23 0.00	39.35 0.35 0.00	35.20 0.35 0.00	31.56 0.21 0.00	31.88 0.12 0.00	32.53 0.16 0.00	31.24 0.21 0.00	29.38 0.14 0.00	35.12 0.26 0.00	69.02 0.82 0.00	51.93 0.62 0.00	56.68 0.73 0.00	50.44 0.66 0.00	36.98 0.48 0.00	40.09 0.56 0.00	40.26 0.62 0.00	38.71 0.60 0.00	37.14 0.50 0.00
WATSON__69_KV_BK 1 55734	20.36 1.65 0.00	10.15 0.76 -0.04	13.32 0.93 0.00	14.04 0.97 0.00	20.36 1.41 0.00	34.09 2.62 0.00	45.43 3.69 0.00	42.17 3.17 0.00	38.09 3.24 0.00	34.83 3.17 -0.31	35.17 3.12 -0.29	36.64 3.32 -0.96	44.94 3.18 -10.73	40.03 2.97 -7.82	42.94 3.62 -4.46	75.35 6.46 -0.69	55.85 4.54 0.00	61.12 5.17 0.00	52.82 4.90 1.86	39.74 3.53 0.28	44.96 3.88 -1.54	43.35 3.71 0.00	41.92 3.61 -0.20	39.57 2.94 0.00
WDELAWARE__HYD 323627	19.63 0.93 0.00	9.83 0.45 -0.03	12.94 0.55 0.00	13.65 0.58 0.00	19.79 0.84 0.00	32.98 1.51 0.00	43.85 2.10 0.00	41.09 2.08 0.00	36.74 1.89 0.00	33.10 1.70 -0.05	33.48 1.67 -0.05	33.99 1.58 -0.05	33.47 1.58 -0.87	32.08 1.51 -1.34	36.78 1.93 0.00	71.87 3.68 0.00	54.25 2.94 0.00	59.45 3.51 0.00	53.01 3.23 0.00	38.82 2.33 0.00	41.93 2.40 0.00	42.01 2.37 0.00	40.45 2.16 -0.17	38.40 1.76 0.00

WEST BABYLON___IC 23714	20.29 1.58 0.00	10.11 0.72 -0.04	13.27 0.88 0.00	13.99 0.92 0.00	20.29 1.34 0.00	33.94 2.47 0.00	45.22 3.48 0.00	42.04 3.04 0.00	37.93 3.08 0.00	34.65 3.00 -0.31	35.02 2.96 -0.29	36.48 3.17 -0.96	45.19 3.05 -11.12	39.90 2.84 -7.82	43.09 3.47 -4.77	75.09 6.17 -0.74	55.65 4.34 0.00	60.88 4.93 0.00	55.60 4.65 -1.17	40.42 3.36 -0.56	46.90 3.66 -3.71	43.22 3.58 0.00	41.76 3.45 -0.20	39.43 2.79 0.00
WEST CANADA___HYD 24049	18.71 0.00 0.00	9.35 0.00 0.00	12.39 0.00 0.00	13.06 0.00 0.00	18.95 0.00 0.00	31.46 -0.01 0.00	41.79 0.04 0.00	39.07 0.06 0.00	34.91 0.06 0.00	31.39 0.05 0.00	31.79 0.03 0.00	32.40 0.03 0.00	31.06 0.03 0.00	29.26 0.02 0.00	34.89 0.04 0.00	68.31 0.11 0.00	51.42 0.11 0.00	56.01 0.07 0.00	49.84 0.06 0.00	36.54 0.04 0.00	39.61 0.08 0.00	39.72 0.09 0.00	38.23 0.12 0.00	36.77 0.13 0.00
WESTERN_NY_WIND 24143	18.09 -0.62 0.00	7.68 -0.30 1.37	12.06 -0.33 0.00	12.75 -0.32 0.00	18.65 -0.30 0.00	31.57 0.10 0.00	41.67 -0.08 0.00	38.66 -0.35 0.00	34.42 -0.43 0.00	30.73 -0.62 0.00	31.21 -0.56 0.00	31.55 -0.81 0.00	30.09 -0.94 0.00	28.44 -0.79 0.00	33.93 -0.93 0.00	66.43 -1.76 0.00	50.13 -1.19 0.00	54.53 -1.42 0.00	48.35 -1.43 0.00	35.46 -1.04 0.00	38.04 -1.49 0.00	37.88 -1.76 0.00	36.49 -1.65 -0.03	35.62 -1.02 0.00
WESTOVER___LESR 323668	18.79 0.08 0.00	9.39 0.03 -0.01	12.44 0.05 0.00	13.14 0.07 0.00	19.05 0.10 0.00	31.80 0.33 0.00	42.09 0.34 0.00	39.39 0.38 0.00	35.17 0.32 0.00	31.52 0.22 0.05	31.92 0.20 0.04	32.53 0.20 0.04	30.44 0.14 0.74	28.33 0.23 1.14	35.16 0.30 0.00	68.89 0.70 0.00	51.75 0.43 0.00	56.62 0.68 0.00	50.27 0.49 0.00	36.79 0.30 0.00	39.81 0.28 0.00	39.84 0.21 0.00	38.23 0.05 -0.06	36.76 0.12 0.00
WETHRSFD_WT_PWR 323626	17.31 -1.40 0.00	6.20 -0.70 2.45	11.54 -0.85 0.00	12.20 -0.87 0.00	17.86 -1.09 0.00	30.52 -0.95 0.00	40.52 -1.23 0.00	37.77 -1.23 0.00	33.58 -1.27 0.00	29.89 -1.46 0.00	30.44 -1.32 0.00	30.90 -1.46 0.00	29.47 -1.55 0.00	27.90 -1.34 0.00	33.18 -1.68 0.00	65.40 -2.79 0.00	49.42 -1.88 0.01	53.97 -1.97 0.00	47.77 -2.01 0.00	34.99 -1.50 0.01	37.56 -1.98 0.00	37.32 -2.32 0.00	35.86 -2.28 -0.03	34.92 -1.50 0.22
WHAVSTOR_138KV_BK127 55557	19.67 0.96 0.00	9.84 0.45 -0.04	12.94 0.55 0.00	13.64 0.57 0.00	19.77 0.82 0.00	33.00 1.53 0.00	43.82 2.07 0.00	41.02 2.02 0.00	36.70 1.85 0.00	33.56 1.77 -0.44	33.99 1.82 -0.41	35.51 1.89 -1.25	40.05 1.83 -7.18	42.05 1.72 -11.09	36.93 2.08 0.00	71.75 3.56 0.00	53.97 2.65 0.00	59.21 3.26 0.00	52.84 3.06 0.00	38.65 2.16 0.00	41.74 2.21 0.00	41.88 2.25 0.00	40.42 2.12 -0.19	38.30 1.67 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.67 0.96 0.00	9.84 0.45 -0.04	12.94 0.55 0.00	13.64 0.57 0.00	19.77 0.82 0.00	33.00 1.53 0.00	43.82 2.07 0.00	41.02 2.02 0.00	36.70 1.85 0.00	33.56 1.77 -0.44	33.99 1.82 -0.41	35.51 1.89 -1.25	40.05 1.83 -7.18	42.05 1.72 -11.09	36.93 2.08 0.00	71.75 3.56 0.00	53.97 2.65 0.00	59.21 3.26 0.00	52.84 3.06 0.00	38.65 2.16 0.00	41.74 2.21 0.00	41.88 2.25 0.00	40.42 2.12 -0.19	38.30 1.67 0.00
WHITEHAL_115KV_TB1 80871	20.05 1.34 0.00	10.11 0.71 -0.05	13.30 0.91 0.00	14.01 0.94 0.00	20.36 1.41 0.00	34.88 3.41 0.00	46.58 4.84 0.00	43.48 4.47 0.00	38.72 3.87 0.00	34.43 2.99 -0.10	34.67 2.82 -0.09	35.51 3.07 -0.08	35.13 2.52 -1.59	33.90 2.22 -2.45	37.95 3.09 0.00	74.90 6.71 0.00	56.78 5.46 0.00	61.11 5.17 0.00	54.30 4.52 0.00	40.16 3.66 0.00	43.52 3.99 0.00	43.48 3.84 0.00	41.74 3.39 -0.24	39.53 2.90 0.00
WHITEPLN_13_KV_LOAD 356215	19.96 1.25 0.00	9.98 0.59 -0.04	13.12 0.73 0.00	13.82 0.75 0.00	20.04 1.09 0.00	33.46 1.99 0.00	44.51 2.76 0.00	41.72 2.72 0.00	37.36 2.51 0.00	34.04 2.38 -0.32	34.55 2.49 -0.30	36.01 2.61 -1.04	38.75 2.52 -5.20	39.62 2.36 -8.02	37.69 2.83 0.00	73.24 5.05 0.00	55.07 3.76 0.00	60.23 4.29 0.00	53.70 3.92 0.00	39.28 2.79 0.00	42.41 2.87 0.00	42.51 2.87 0.00	41.02 2.71 -0.20	38.85 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	20.18 1.47 0.00	10.06 0.67 -0.04	13.20 0.81 0.00	13.92 0.86 0.00	20.20 1.25 0.00	33.86 2.39 0.00	45.18 3.43 0.00	41.65 2.64 0.00	37.92 3.07 0.00	34.67 3.02 -0.31	34.98 2.93 -0.29	36.44 3.12 -0.96	44.54 2.96 -10.56	39.83 2.76 -7.82	42.52 3.33 -4.33	74.53 5.66 -0.67	55.12 3.81 0.00	60.28 4.33 0.00	50.72 4.22 3.29	38.91 3.09 0.68	43.68 3.62 -0.53	42.97 3.33 0.00	41.63 3.32 -0.20	39.28 2.64 0.00
WOODARD___115KV_TB2 355635	18.50 -0.21 0.00	9.21 -0.11 0.03	12.24 -0.14 0.00	12.91 -0.15 0.00	18.73 -0.22 0.00	31.10 -0.36 0.00	41.20 -0.55 0.00	38.46 -0.55 0.00	34.35 -0.50 0.00	30.86 -0.48 0.00	31.24 -0.52 0.00	31.80 -0.57 0.00	30.45 -0.58 0.00	28.76 -0.48 0.00	34.22 -0.64 0.00	67.07 -1.12 0.00	50.53 -0.79 0.00	55.16 -0.78 0.00	49.02 -0.76 0.00	35.91 -0.59 0.00	38.85 -0.69 0.00	38.88 -0.76 0.00	37.33 -0.80 -0.02	35.92 -0.72 0.00
YORK___WARBASSE 23770	19.95 1.24 0.00	9.97 0.58 -0.04	13.10 0.71 0.00	13.78 0.72 0.00	19.99 1.04 0.00	33.33 1.86 0.00	44.32 2.57 0.00	41.57 2.57 0.00	37.23 2.38 0.00	33.94 2.28 -0.31	34.47 2.41 -0.29	35.81 2.49 -0.96	38.54 2.43 -5.08	39.34 2.27 -7.83	37.60 2.74 0.00	72.85 4.66 0.00	54.71 3.40 0.00	59.83 3.88 0.00	53.47 3.68 0.00	39.14 2.64 0.00	42.24 2.71 0.00	42.39 2.75 0.00	40.91 2.60 -0.20	38.73 2.10 0.00